

## ACADIA UNIVERSITY

A RIBOSOME RELATED AMINO PEPTIDASE ACTIVITY OF ESCHERICHIA COLI (1979) / BEHARRY S

VOLATILE ORGANIC COMPOUNDS IN KRAFT PULP MILL EFFLUENTS (1979) / WHITING P

## AKRON, UNIVERSITY OF

STUDIES TOWARDS THE SYNTHESIS OF BICYCLIC TERPENES (1979) / MISLANKAR S G

## ALABAMA, UNIVERSITY OF (HUNTSVILLE)

AN X-RAY STUDY OF THE CRYSTAL AND MOLECULAR STRUCTURE OF PSILOTRIPIN (1979) / ASDJODI M R

## ALABAMA, UNIVERSITY OF (UNIVERSITY)

COMPONENTS OF THE ESSENTIAL OIL OF KUDZU (1979) / ARCINIEGAS A E

SYNTHESES AND CHEMISTRY OF (2,2) PHANES (1979) / BHAROOCHA R Y

GAS CHROMATOGRAPHY-MASS SPECTROMETRY, INSTRUMENTATION, AND APPLICATIONS (1979) / CHEPLEN J M

CHARACTERIZATION OF ABSORBENTS FOR ANALYSIS OF ORGANIC VOLATILES IN AIR (1979) / JUAREZ P G

## ALBERTA, UNIVERSITY OF

NUCLEAR MAGNETIC RESONANCE STUDIES OF THE SOLUTION CHEMISTRY OF AQUEOUS TRIMETHYLLEAD AND ITS COMPLEXES WITH SULFHYDRYL LIGANDS (1979) / BACKS S J

ISOLATION, IDENTIFICATION AND RESPONSES TO TEMPERATURE OF DIATOM SPECIES IN BATCH CULTURE (1979) / BELIVEAU D J

DEVELOPMENT OF ANALYTICAL METHODS FOR TRACE ELEMENTS IN COAL USING OPTICAL EMISSION SPECTROSCOPY (1979) / BOLLO-KAMARA A

STRUCTURAL STUDIES OF THE MICROBIAL SERINE PROTEASES. STREPTOMYCES GRISEUS PROTEASE A, STREPTOMYCES GRISEUS PROTEASE B AND ALPHA LYTIC PROTEASE (1979) / BRAYER G D

A COMPARATIVE ELECTROPHORETIC STUDY OF AN ALLOPOLYPLOID COMPLEX IN BRASSICA (1979) / COULTHART M B

SYNTHESIS AND ACID CATALYSED HYDROLYSIS OF ADENINE NUCLEOSIDES WITH AN ACYCLIC SUGAR (1979) / CROSS G G

A NEW SPECIES OF PSILOPHYTON FROM THE LOWER DEVONIAN OF NORTHERN NEW BRUNSWICK, CANADA (1979) / DORAN J B

A MAGNETIC RESONANCE STUDY OF THE STABILITY AND CONFORMATION OF THE COMPLEX FORMED BETWEEN THE MANGANESE (II) ION AND NICOTINAMIDE ADENINE DINUCLEOTIDE PHOSPHATE IN SOLUTION (1979) / GREEN M K

DETERMINATION OF THE RATIO T(1)/T(2) IN MULTILINE NMR SPECTRA (1979) / HO W P

A PHYTOGEOGRAPHICAL STUDY OF SOUTHEASTERN ALBERTA (1979) / KLAR A

RESOURCE PARTITIONING BY ELK AND CATTLE - CYPRESS HILLS PROVINCIAL PARK, ALBERTA (1979) / LEE P G

INTERACTION OF THE NUCLEOSIDE TRANSPORT INHIBITOR, NOTROBENZYLTHIADIOSINE 5'-MONOPHOSPHATE, WITH HE LA CELLS AND ERYTHROCYTES (1979) / OGBUNUDE P O

STUDIES OF THE F-SPECIFIC BACTERIAL CONJUGATION IN ESCHERICHIA COLI K12 (1979) / SCHULTZ L A

A NEW MINIMAL GAUSSIAN BASIS SET FOR MOLECULAR CALCULATIONS (1979) / TAVOUKTSOGLU A N

A NUCLEAR MAGNETIC RESONANCE STUDY OF THE MANGANESE (II) COENZYME A COMPLEX IN SOLUTION (1979) / THERIAULT Y

## AMERICAN UNIVERSITY

HYDROGENATION ON THE CHROMATOGRAPHIC COLUMN (1979) / SKARKA M J

TRIFLUOROMETHANE SULFONIC ACID MONOHYDRATE AS AN ELECTROLYTE FOR INDIRECT OXIDATION FUEL CELLS (1979) / WALKER G W

## ARIZONA STATE UNIVERSITY

THE EFFECT OF RARE EARTH METALS ON THE FLUORESCENCE OF VITAMIN A ACETATE (1978) / BUCKWALTER C Q

NONRADIATIVE TRANSITION RATES IN MATRIX ISOLATED CN (1979) / FLETCHER D P

ELECTRON SPIN RESONANCE STUDIES OF CONCENTRATED METAL-AMMONIA SOLUTIONS (1978) / PECK R J

## ARKANSAS, UNIVERSITY OF

AN EXAMINATION OF TRIMERCURIO-ONIUM ION FOR ANALYTICAL PURPOSES (1979) / FITTRO J D

A STUDY OF THE MIGRATION OF ACYL GROUPS IN N,O-DIACYLATED O-AMINOPHENOLS THE ACETYL CHLORACETYL SYSTEM (1979) / MAYASANDRA V S

REDUCTION OF ARYL HALIDES BY AROMATIC RADICAL ANIONS (1979) / MURPHY F H

ATTEMPTS TO SYNTHESIZE 3,4,4-TETRAMETHYLCYCLOHEXANONE (1979) / TSAI H S

## ATLANTA UNIVERSITY

THE PHOTOLYSIS OF CIS-DICHLOROBIS (ETHYLENEDIAMINE)-COBALT (II) TETRAFLUOROBORATE IN ACETONITRILE (1979) / DIGGS H C

THE IDENTIFICATION OF ULTRA-VIOLET ABSORBERS IN RECOVERED GLYCOL AND THEIR EFFECTS ON POLYMER COLOR (1979) / HOLLEY L

PREPARATION OF PHENOLIC RESINS FROM PYROLYTIC OIL PHENOLIC EXTRACT (1979) / JOHNSON S

SYNTHESIS AND CHARACTERIZATION OF N-HYPERALKYLATED ADENINE AND ADENOSINE DERIVATIVES (1979) / LEYINU E O

A MECHANISTIC STUDY OF THE PHOTOLYSIS OF 5,5,7,12,12,14-HEXAMETHYL-1,4,8,11-TETRAAZACYCLOOTETRADECANENICKEL (II) -U-DIAZIDO-5,5,7,12,12,14-HEXAMETHYL-1,4,8,11-TETRAAZACYCLOOTETRADECANENICKEL (II) TETRAFLUOROBORATE AND DIAZIDOBIS (N,N-DIMETHYLETHYLENEDIAMINE) NICKEL (II) IN METHANOL (1979) / LLOYD J M

ATLANTA UNIVERSITY  
(CONTINUED)

CIRCULAR DICHROISM STUDIES ON THE SECONDARY STRUCTURE OF THE NATIVE AND THE ALKALINE FORMS OF FRUCTOSE 1,6-BISPHOSPHATASE FROM CHICKEN LIVER (1979) / MENSAH I T

A QUALITATIVE ANALYSIS OF THE REGENERATION OF THREE NITROGENOUS CARBOHYDRATES AND THE CHARACTERIZATION OF THEIR DERIVATIVES (1979) / MOORE B R

CHARACTERIZATION OF POLY-B-ALANINE (NYLON 3) (1979) / ODOZI T O

DETERMINATION OF THE COMPOSITION OF PYROLYTIC OIL BY LIQUID CHROMATOGRAPHIC METHODS OF ANALYSIS (1979) / SANDERS J

GAS CHROMATOGRAPHIC-MASS SPECTROMETRIC ANALYSIS OF PYROLYTIC OIL DISTILLATES (1979) / SELASIE M H

SYNTHESIS OF A SERIES OF 16,16-DIMETHYL PROSTACYCLIN AND 6-KETO PROSTAGLANDIN ANALOGS (1979) / YEARELL C D

## AUBURN UNIVERSITY

DETERMINATION OF ARSENIC CONCENTRATION BY NEUTRON ACTIVATION (1979) / CUMBUS J B

THE INTERACTION OF COBALT-60 GAMMA RAYS WITH PHENYLBUTAZONE AND HYDRALAZINE (1979) / GRISSETTE D E

EVALUATION OF ANTI-NEOPLASTIC PLATINUM COMPLEXES USING ESCHERICHIA COLI (1979) / HADDAD R S

DIFFUSION OF INSULIN FROM VARIOUS OINTMENT BASES (1979) / HSIA C H

THE EFFECT OF HYDRALAZINE ON DRUG METABOLISM (1979) / HSU T P

COMPARISON OF FIVE METHODS FOR HIGH DENSITY LIPOPROTEIN CHOLESTEROL QUANTITATION (1979) / JOHNSON G W

INHIBITION OF MALATE DEHYDROGENASE AND FUMARASE BY TEN PLATINUM COMPLEXES OF VARIOUS ANTI-TUMOR ACTIVITY (1979) / MAGUIRE J P

THE INTERACTION OF DANTROLENE SODIUM AND PHENOBARBITAL WITH THE HEPATIC MIXED FUNCTION OXIDASE (1979) / ROY S

CHARACTERIZATION OF SELECTED PARAMETERS OF ANALGESIC AND SEDATIVE EFFECTS OF METHOTRIMEPRAZINE AND MORPHINE (1979) / ST. JOHN A B

AN IN VITRO STUDY OF PREDNISONE AND PREDNISOLONE TABLETS WITH WATER SOLUBLE POLYMERS (1979) / WANG W Y

A STUDY OF THE RELEASE CHARACTERISTICS OF SUSTAINED RELEASED SUSPENSIONS OF 17 ALPHA METHYLTESTOSTERONE IN DIMETHYL POLYSILOXANE LIQUIDS (1979) / YANG S T

## BALL STATE UNIVERSITY

SYNTHESES AND REACTIVITIES OF SOME CYANOPHOSPHINE LIGANDS (1979) / SAVAL I H

PALLADIUM (II) AND PLATINUM (II) COMPLEXES OF CYANOMETHYL (DIPHENYL) PHOSPHINE (1979) / TRUJILLO H

LIGAND PROPERTIES OF SOME PHOSPHONE NITRILE SYSTEMS (1979) / WORSTELL J H

## BOSTON COLLEGE

REACTIONS OF DIARYL SULFONES WITH SODIUM AMIDE IN LIQUID AMMONIA - III (1979) / BOISE L H

A STUDY OF THE CHEMILUMINESCENT REACTION (1979) / BRZYCHCY A M

ELECTROCHEMICAL FLUORINATION AND EMULSION ELECTROLYSIS CHLORINATION (1979) / CARPENTER J F

TRANSMISSION OF ELECTRONIC EFFECTS ACROSS EXTENDED PI SYSTEMS (1979) / CARTER F R

THE ELECTROCHEMICAL FLUORINATION OF NAPHTHALENE (1979) / FEENEY M F

STUDIES DIRECTED TOWARD THE SYNTHESIS OF TRIPDIOLIDE (1979) / HAMMOND C E

STUDIES ON THE SYNTHESIS OF HOMAHARRINGTONINE (1979) / KAUL P N

ALKYLATIONS OF AROMATICS WITH (PROPARGYL) DICOBALT HEXACARBONYL CATIONS (1979) / LOCKWOOD A E

SYNTHESIS OF 4-DEMETHOXYDAUNOMYCINONE AND RELATED STUDIES (1979) / TSANG W G

## BOSTON UNIVERSITY

MORPHOGENESIS OF MYCENA STRUM CORIUM DESVAUX (1979) / AARONSON R A

A STUDY OF CLOSTRIDIAL TOXINS INVOLVED IN CLINDAMYCIN ASSOCIATED COLITIS IN RABBITS (1979) / ALONZO J S

ALARM RESPONSE OF THE MUD SNAIL IN RELATION TO FEEDING BEHAVIOR OF ITS PREDATOR, THE GREEN CRAB (1979) / ASHEKNAS L R

THE BIOLOGICAL EFFECTS OF A SERIES OF RUTHENIUM COMPLEXES IN ANIMALS AND TISSUE CULTURE (1979) / EDMONDS S D

BREAST-SPECIFIC ANTIGENS ON MAMMARY EPITHELIAL AND MAMMARY ADENOCARCINOMA CELLS IN THE FISCHER RAT DETERMINED BY INDIRECT IMMUNOFLOUORESCENCE (1979) / EINSIEDLER L C

BIOLOGICAL AND ECOLOGICAL CHARACTERISTICS OF RARE PLANT SPECIES IN NEW ENGLAND - A COMPARISON WITH COMMON SPECIES (1979) / FIELD K G

COLCHICINE, NOCADAZOLE AND TRIFULRALIN - DIFFERENT EFFECTS OF MICROTUBULE POLYMERIZATION INHIBITORS ON THE UPTAKE AND MIGRATION OF ENDSYMBIOTIC ALGAE IN HYDRA VIRIDIS (1979) / FRACEK S P

A STRAIN OF RED BENECKEA FROM CYANOBACTERIAL MATS OF LAGUNA MORMONA, BAJA CALIFORNIA (1979) / GIOVANNONI S J

REGENERATION OF LATE MURINE ERYTHROID PRECURSORS FOLLOWING SUB-LETHAL IRRADIATION (1979) / JARRIS R F

THE GENETICS OF DISPERSAL IN A CYCLING AND NON-CYCLING POPULATION OF VOLES (1979) / KEITH T P

HISTOCHEMICAL ANALYSIS OF CRUSTACEAN SKELETAL MUSCLE (1979) / OGNOWSKI M M

**BOSTON UNIVERSITY  
(CONTINUED)**

CHARACTERIZATION OF LATE MURINE ERYTHROID PROGENITOR CELLS ASSAYED IN MICROPLASMA CLOT CULTURES (1979) / OUELETTE P L

CHROMATIN STRUCTURE OF TWELVE DAY AND NINETEEN DAY CHICKEN EMBRYO ERYTHROCYTES (1979) / PANICHAS M A

AMINO ACID SEQUENCE OF A PEPTIDE FROM BUSYCON CANALICULATUM MYOGLOBIN (1979) / PELLACK-WALKER M A

THE BARNACLE BALANUS BALANOIDES ON THE RIBBED MODIOLUS DEMISSUS - USE OF A RESOURCE IN A MARGINAL ENVIRONMENT (1979) / PIERINGER K K

SOCIAL BEHAVIOR OF MICROTUS POPULATIONS (1979) / REICH L M

LONG-TERM FLUCTUATIONS IN THE MUD-BOTTOM MACROFAUNA OF LONG ISLAND SOUND, 1972-1978 (1979) / REID R N

ESTROGEN ACTIVATION OF CLASPING IN THE FROG, RANA PIPIENS (1979) / RUANE S E

SEASONAL CHANGES IN DISPERSAL PATTERN AND ENERGY INTAKE OF MYOTIS LUCIFUNGUS (1979) / RUMAGE W T

HISTOPATHOLOGY OF BREAST TUMOR TISSUE ASSAYED FOR ESTROGEN AND PROGESTERONE RECEPTOR PROTEINS (1979) / RUTHERFORD A A

THE RELATIONSHIP OF ADENOSINE-5-TRIPHOSPHATE (ATP) AND PHOSPHOCREATIN (CP) TO MUSCLE PROTEIN DEGRADATION IN INCUBATED RAT SOLEUS (1979) / SIMON G D

HORMONAL REGULATION OF VITELLOGENIN UPTAKE BY TURTLE OOCYTES (1979) / TAYLOR S I

**BOWLING GREEN STATE UNIVERSITY**

THE THERMAL, PHOTOCHEMICAL AND ANIONIC REACTIONS OF UNSATURATED NITRO COMPOUNDS (1979) / BLACHMAN M

MUTAGENIC PROPERTIES OF PLATINUM COORDINATION COMPOUNDS IN SALMONELLA (1979) / FISCH J E

AN EXAMINATION OF ELECTRONIC TRANSITIONS IN SOME 4,4' SUBSTITUTED 2,2' BIPYRIDINE COMPLEXES OF IRON AND RUTHENIUM (1979) / TARCY G P

**BRIDGEWATER STATE COLLEGE**

THE STUDY OF THE EXTRACTION OF MANGANESE USING A CUPFERRON/MIBK SYSTEM (1979) / KRAMER M W

**BRIGHAM YOUNG UNIVERSITY**

PHOTOADDITION OF ALCOHOLS AND GLYCOLS TO S-TRIAZOLE (4,3-B) PRYDAZINE (1979) / BOWN D H

ANTIGEN-INDUCED SUPPRESSION OF ANTIBODY SYNTHESIS (1979) / BURNHAM D K

ERGOSTEROL ACCUMULATION IN SACCHAROMYCES CEREVISIAE - INFLUENCE OF NUTRITIONAL FACTORS AND CULTURAL AGE (1979) / KIDMAN G E

LIPIDS IN YEAST - 1. COMPARISON OF DIFFERENT METHODS OF EXTRACTION - 2. INFLUENCE OF CULTURAL CONDITIONS ON LIPID ACCUMULATION (1979) / KOO F C

ANALYTICAL STUDY OF EFFLUENTS FROM AN ENTRAINED GASIFIER (1979) / PHILLIPS L R

**BROCK UNIVERSITY**

SYNTHESIS AND SPECTRAL STUDIES OF METHYL HETEROCYCLIC SYSTEMS (1979) / DOYLE P P

**BROOKLYN COLLEGE**

SYNTHESES AND SURFACE PROPERTIES OF SODIUM PARA-ALKOXYBENZENE-SULFONATES (1979) / CHIANG Y C

OPTIMIZED SLATER EXPONENTS FOR NICKEL ATOM 4(S) AND 4(P) ORBITALS OBTAINED FROM AB INITIO MOLECULAR ORBITAL CALCULATIONS ON NI (CO)<sub>4</sub> (1979) / KIRSCHENBAUM L J

**BROOKLYN, POLYTECHNIC INSTITUTE OF**

CATIONIC MICELLAR CATALYSIS OF THE AQUEOUS ALKALINE HYDROLYSES OF 1,3,5-TRIAZA 1,3,5-TRINITROCYCLOHEXANE(EDX) AND 1,3,5,7-TETRAZA-2,3,5,7 TETRANITROCYCLOOCTANE (1979) / CROCE M

SPECTROPHOTOMETRIC DETERMINATION OF FORMATION CONSTANTS (1979) / FREEDMAN S J

FOURIER TRANSFORM INFRARED SPECTROSCOPY APPLIED TO STUDY THE THERMOOXIDATIVE DEGRADATION OF POLYETHYLENE TEREPHTHALATE (1979) / NG M Y

**BROWN UNIVERSITY**

THE BIOSYNTHESIS OF PENTALENOLACTONE (1979) / ROSSI T

**BUCKNELL UNIVERSITY**

THE HYDROCYANATION OF SOME SUBSTITUTED 4H-1-BENZOPYRANYL IDENE-3-ACETATES (1979) / KLEBANOFF L E

DIAZIRIDINES AS PRECURSORS TO AZOMETHINE IMINES (1979) / LEHMAN L S

AN AZIRIDINE LIGAND ISOMERIZATION - THE REACTION OF BIS (N-(2-(1-AZIRIDINYL)ETHYL) SALICYLAMINO) NICKEL (II) WITH HYDROBROMIC ACID (1979) / LEVAN K R

SOME REACTIONS OF ALDONITRONES AND DERIVATIVES OF ARYLHYDROXYLAMINES (1979) / STAHL M A

**BUTLER UNIVERSITY**

QUANTITATIVE DETERMINATION OF OIL CONTENT IN OIL MODIFIED ORTHOPHTHALIC POLYESTER RESINS USING INFRARED SPECTROSCOPY (1979) / VANCE J A

**CALGARY, UNIVERSITY OF**

A STUDY OF PROTEASE SECRETION IN THE THERMOPHILIC FUNGUS MALBRANCHEA PULCHELLA VAR. SULFUREA (1979) / ANSCHUTZ L M

PREPARATION OF INTERMOLECULAR COVALENT LINKAGES IN PROTEINS USING BIFUNCTIONAL REAGENTS (1979) / CHAN E K

CALGARY, UNIVERSITY OF  
(CONTINUED)

SYNTHESIS OF THE DEER LACTONE - A CHIRAL  
PHEROMONE (1979) / HUANG Y Y

THE STABILITY AND REACTIVITY OF SOME  
ALKYLTHIOLATES OF TUNGSTEN AND MOLYBDENUM  
(1979) / O'DELL B D

THE OPTICAL ACTIVITY OF DIENES - ALPHA  
PHELLANDRENE (1979) / PEOPLES H A

PENICILLIN BINDING PROTEINS OF PENICILLIN  
SENSITIVE AND PENICILLIN RESISTANT  
STREPTOCOCCUS PNEUMONIAE  
(1979) / PERCHESON P B

SYNTHESIS, CHARACTERIZATION, CRYSTAL  
STRUCTURE AND SOME REACTIONS OF PENTASULFUR  
HEXANITRIDE (1979) / PROCTOR J B

THE SEDIMENTOLOGY OF THE COLONY FORMATION,  
EAST-CENTRAL ALBERTA (1979) / PUTNAM P E

ANHARMONIC LOW ENERGY RING VIBRATIONS -  
SELECTED FOUR AND SIX MEMBERED RINGS AND  
BICYCLIC COMPOUNDS (1979) / SMITHSON T L

ION EXCHANGE SELECTIVITY OF A PERFLUORINATED  
CATION-EXCHANGE POLYMER (1979) / STECK A E

PATULIN BIOSYNTHESIS - AN INVESTIGATION OF  
THE LATTER PORTION OF THE PATHWAY IN  
PENICILLIUM URTICAE (1979) / WONG J W

## CALIFORNIA STATE UNIVERSITY (FRESNO)

ANALYSIS OF HERBICIDES IN SOIL  
(1976) / BIRD D

HIGH PRESSURE LIQUID CHROMATOGRAPHY OF  
STIGMASTEROL, SITOSTEROL, AND CAMPESTEROL  
(1976) / BRYANT R H

THE ATTEMPTED SYNTHESIS OF 4-(M-ANISYL)-1,  
1-D2-1-BUTYL BROSYLATE (1976) / CRAIG G W

SYNTHESIS OF A MORPHINE ANALOG  
3,4-DICARBOXY-1,5-DIMETHYL-2,5-METHANO  
BENZOQUINOLINE (1976) / TUSCHKA T

## CALIFORNIA STATE UNIVERSITY (FULLERTON)

GLYCYL-TRNA SYNTHETASE - SUBSTRATE ANALOGUE  
SYNTHESIS, KINETIC PARAMETERS AND PROTEIN  
DNA INTERACTION (1979) / HOM S E

PURIFICATION AND PROPERTIES OF GLYCYL-TRNA  
SYNTHETASE FROM ESCHERICHIA COLI  
(1979) / MC DONALD T E

## CALIFORNIA STATE UNIVERSITY (LONG BEACH)

PRELIMINARY STUDIES TOWARD A COMPARISON  
BETWEEN MG DNA AND NA DNA AS TEMPLATE IN THE  
DNA-DEPENDENT RNA POLYMERASE REACTION IN  
VITRO (1979) / FELLOWS B L

CHEMILUMINESCENCE OF LUCIGENIN AND  
DIMETHYLBIACRIDENE - A STUDY OF KINETIC  
PARAMETERS (1979) / FRITCH S M

ANALYSIS OF COMPLEX FORMATION AMONG  
ESCHERICHIA COLI 50S RIBOSOMAL PROTEINS BY  
GEL FILTRATION (1979) / IBRAHIM F

ESTERIFICATION AND AMIDATION VIA  
SULFONIMIDIC INTERMEDIATES. INTRA-VERSUS  
INTERMOLECULAR ACYL TRANSFER  
(1979) / IP W M

THE EFFECTS OF SUBSTITUENTS ON THE REDOX  
POTENTIALS OF TETRA(ARYL)PORPHINATOSILVER  
(II) AND COPPER(II) (1979) / JONES S E

SYNTHESIS AND KINETICS OF HYDROLYSIS OF  
PHOSPHORINANIUM BROMIDES  
(1979) / KANNE D B

ISOLATION AND SYNTHESIS OF A FAMILY OF  
ALPHA, BETA-UNSATURATED ALDEHYDES FROM THE  
RED ALGA LAURENCIA SPECTABILIS  
(1979) / MAIDEN R P

LIGAND-MEDIATED REGULATION OF ALLOSTERIC  
THREONINE DEHYDRASE FROM E. COLI  
(1979) / MC GADY J R

PHYSICAL AND CHEMICAL CHARACTERIZATION OF  
RABBIT CARDIAC MYOSIN IN LIGHT CHAINS  
(1979) / MC KAY P A

A STUDY OF 1,3-OXAPHOSPHORINANES  
(1979) / MC KIBBEN F J

THE THERMODYNAMICS OF ADENOSINE AND INOSINE  
(1979) / OLIVER D R

THE APPLICATION OF FLAME AND ELECTROTHERMAL  
ATOMIC ABSORPTION TO THE ANALYSIS OF METALS  
IN OIL WELL INJECTION WATER AND ITS  
SUSPENDED SOLIDS (1979) / WOO D H

REVERSED ELECTRON TRANSPORT - A MODEL SYSTEM  
(1979) / YEAGER E

## CALIFORNIA STATE UNIVERSITY (SACRAMENTO)

SUBSTITUTION REACTIONS OF IMIDAZOLE AND  
1-ALKYLIMIDAZOLES 1962-1978  
(1979) / FREAUFF S J

FEASIBILITY STUDY OF SYNTHESIS OF HYDROXY  
TERMINATED 2,2-DINITROPROPYL ACRYLATE  
POLYMER (1979) / LAU S F

AB INITIO STUDIES ON SELECTED SMALL  
MOLECULES INVOLVING NITROGEN, OXYGEN, AND  
FLUORINE BONDS (1979) / STAHL D A

## CALIFORNIA, UNIVERSITY OF (DAVIS)

A SYNTHESIS OF 4(R), 5(S)-DIHYDROXYHEXANOIC  
ACID GAMMA-LACTONE (1979) / BUZZA J W

ISOLATION AND PARTIAL CHARACTERIZATION OF  
ERYTHROCYTE AND MUSCLE PLASMA MEMBRANES IN  
AVIAN MUSCULAR DYSTROPHY  
(1979) / ECKSTEIN T B

THE SYNTHESIS AND REDUCTION OF SUBSTITUTED  
PHI-CYCLOPENTADIENYL COBALT DICARBONYL  
COMPOUNDS (1979) / FRANEY C M

CHEMICAL MODIFICATION AND CONFORMATIONAL  
STUDIES OF OVOTRANSFERRIN - ALKYLATION,  
DENATURATION AND RENATURATION  
(1979) / IWAI S

HPLC CLEAN UP AND SEPARATION OF SOME  
ENVIRONMENTAL SAMPLES CONTAINING TOXAPHENE  
OR TRIFLURALIN (1979) / MAST T J

SYNTHESIS OF NOVEL C-5 SUBSTITUTED  
PYRIMIDINE NUCLEOSIDES  
(1979) / ROTSTEIN D M

ODMR STUDIES OF SOME BIOPOLYMERS  
(1979) / SIEGEL S M

A COLLISION INTEGRAL ANALYSIS OF ELASTIC  
ENCOUNTER RATES BASED UPON NUCLEAR MAGNETIC  
RESONANCE ROTATIONAL RELAXATION MEASUREMENTS  
(1979) / THACHER T S

CALIFORNIA, UNIVERSITY OF (DAVIS)  
(CONTINUED)

THE SYNTHESIS AND CHARACTERIZATION OF  
SELECTED MESOCYCLIC DITHIOETHERS  
(1979) / VOELKER P J

THERMAL HYDROGEN ABSTRACTION REACTIONS FROM  
FLUORINATED HYDROCARBONS BY ATOMIC FLUORINE  
(1979) / WERRE G S

MOLECULAR AND STRUCTURAL STUDIES OF THE  
BLOCK TO POLYSPERMY IN XENOPUS LAEVIS  
(1979) / WORKING P K

## CALIFORNIA, UNIVERSITY OF (IRVINE)

KINETICS AND MECHANISMS OF THE PERMANGANATE  
ION OXIDATION OF 2-THIOURACILS AND URACIL  
2-SULFINIC ACID (1979) / BOND D

KINETICS AND MECHANISM OF THE CHROMYL  
ACETATE OXIDATION OF ARYLALKANES  
(1979) / KOJIMA C J

PREPARATION OF SUBSTITUTED 2-PYRIDONES BY  
THERMAL REARRANGEMENT OF PROPARGYLIC  
PSEUDOUREAS (1979) / ROOS J P

13(C) AND 1(H) NUCLEAR MAGNETIC RESONANCE  
SPECTROSCOPY INVESTIGATION OF MALTOSE,  
PULLULAN AND XANTHAN SOLUTIONS  
(1979) / SHEFLER N K

## CALIFORNIA, UNIVERSITY OF (LOS ANGELES)

SPECTROSCOPIC AND MECHANISTIC STUDIES OF  
TRIBOLUMINESCENCE IN ANTHRANILIC ACID  
DERIVATIVES (1979) / ANGELOS R A

NEW METHODS FOR THE SYNTHESIS OF SELENIDES  
AND DISSELENIDES (1979) / HORNBY J L

THE SPONTANEOUS DISMUTATION OF SUPEROXIDE  
ION (1979) / SHOOK F C

## CARLETON UNIVERSITY

A DNAB-LIKE FUNCTION SPECIFIED BY R PLASMIDS  
AND BY BACTERIOPHAGE P7  
(1979) / SELVARAJ G

THE DISMUTASE ACTIVITY OF LIVER ALCOHOL  
DEHYDROGENASE (1979) / SHER D S

## CASE WESTERN RESERVE UNIVERSITY

AN INFRARED SPECTROSCOPIC STUDY OF  
INTERACTIONS BETWEEN DNA AND THE HISTONE  
PROTEINS (1979) / WILT R T

## CLEMSON UNIVERSITY

LUMINESCENCE AND THERMAL CHARACTERISTICS OF  
SOME BROMINE-CONTAINING COMPOUNDS  
(1979) / DAVIDSON T E

THE CALCULATION OF CORRELATION TIMES OF  
COILING POLYMERS WITH MULTIPLE INTERNAL  
ROTATIONS (1979) / KUC W S

PURIFICATION AND PARTIAL CHARACTERIZATION OF  
PORCINE K TYPE PYRUVATE KINASE  
(1979) / PINNER M H

AN INVESTIGATION INTO THE PREPARATION OF  
SOME DERIVATIVES OF 2,2-BIBENZOXAZOLINE  
(1978) / SCIULLI A

## CLEVELAND STATE UNIVERSITY

2, 3-DIMETHYL-R-ARYLCYCLOPROPANES -  
SUBSTITUENT EFFECTS ON SYN/ANTI  
STERESELECTIVITY (1979) / MATIAS J J

## COLORADO SCHOOL OF MINES

THE EFFECT OF COAL SYNCRUDE DERIVED NITROGEN  
COMPOUNDS ON JET FUEL STABILITY  
(1979) / DAHLIN K E

THE SEPARATION AND ANALYSIS OF COAL-DERIVED  
LIQUIDS (1979) / FURLONG M W

## COLORADO, UNIVERSITY OF

COMPARISON OF XAD MACROPOROUS RESINS FOR THE  
CONCENTRATION AND ISOLATION OF FULVIC ACID  
FROM AQUEOUS SOLUTION (1979) / AIKEN G R

STUDIES ON THE MODE OF ACTION OF THE  
ANTIFUNGAL ISOFLAVONOID 5, 7  
DIHYDROXYISOFLAVONE (1979) / GIBSON K M

ANION EXCHANGE OF POLAR AROMATIC COMPOUNDS  
(1979) / GONZALEZ M E

FREE RADICAL HOMODIALLYLIC AND HOMOBENZYLIC  
REARRANGEMENTS OF CLORO-BEZOBI-CYCLO  
(2,2,2) OCTADIENE (1979) / MLEIN M W

SYNTHESIS AND PHOTOLYSIS OF AN ALPHA  
AMINOACID AMIDE COUPLED TO 5-BROMOURACIL.  
INVESTIGATION OF THE MECHANISM OF  
5-BROMOURACIL PHOTOLYSIS  
(1979) / KUTZER J C

AN ATTEMPT TO GENERATE SILICONIUM ION IN  
SOLUTION, SOME SILICON CHEMISTRY AND NMR  
STUDIES OF 1,3-DIAZACYCLONONA-1,2-DIENE  
(1979) / SOUCY D B

LEVULINIC ACID ESTERS. A NEW PROTECTING  
GROUP FOR ALCOHOLS AND DICHLOROKETENE  
ADDITIONS TO SILYL ENOL ETHERS AND ENOL  
ACETATES (1979) / STRAND G O

AN ELECTROSTATIC MODEL OF THE REACTION OF  
DICHLOROCARBENE WITH 1,1-DIMETHYL  
1-SILACYCLOBUTANE AND 1-SILACYCLOBUTANE  
(1979) / STUMP R F

## CONCORDIA UNIVERSITY

THE MECHANISM OF BROMINATION OF URACIL  
5-BROMO-URACIL AND THEIR 1,3-DIMETHYL  
DERIVATES (1979) / BERKS C G

DEVELOPMENTAL METHODOLOGY AND RESULT  
COMPARISON FOR THE DRY ASHING AND WET  
PRESSURE/DIGESTION PRETREATMENT TECHNIQUES  
IN THE DETERMINATION BY ATOMIC ABSORPTION  
SPECTROPHOTOMETRY OF COPPER, NICKEL, ZINC,  
LEAD, CADMIUM AND VANADIUM IN WHOLE RAINBOW  
TROUT TISSUE (1979) / DE LUCA J

THE SUBCELLULAR LOCALIZATION OF  
SULFOGALACTOGLYCEROLIPID  
(1979) / KLUGERMAN A

EARLY EVENTS IN MATURATION OF THE OOCYTES OF  
STARFISH PARTIAL CHARACTERIZATION OF  
PHOSPHORYLATED FACTOR DURING OOCYTE  
MATURATION (1979) / MAZZEI G

MELANOMA TUMOR CELL SPECIFIC ANTIGENS  
ASSOCIATED WITH MICROSOMES PURIFIED FROM  
HUMAN MELANOMA (1979) / PERSAD S

DIFFERENTIAL PULSE POLAROGRAPHIC

(CONTINUED)

**CONCORDIA UNIVERSITY  
(CONTINUED)**

DETERMINATION OF COPPER, CADMIUM, LEAD,  
NICKEL AND ZINC IN DRIED FISH TISSUE  
(1979) / SANKAR L

**CONNECTICUT, UNIVERSITY OF**

THERMAL AND X-RAY DIFFRACTION STUDIES OF  
LIQUID CRYSTALS (1979) / BERTOLINI G J

MECHANISM OF INDUCTION OF PROTEIN AND RNA  
SYNTHESIS IN TETRAHYMENA BY CYCLOHEXIMIDE  
(1979) / CUCCHI C

STEREOCHEMISTRY OF ANODIC PHENOL COUPLING  
(1979) / DAWSON S L

THE EFFECT OF TYPE V HYPERLIPOPROTEINEMIA ON  
THE FATTY ACID COMPOSITION OF  
TRIACYLGLYCEROLS IN THREE LIPOPROTEIN  
FRACTIONS OF HUMAN PLASMA  
(1979) / HAGERTY M M

THE EFFECT OF THE SCALELESS GENE ON GROWTH  
RELATED FACTORS AND CARCASS COMPOSITION OF  
BROILERS IN A HOT CLIMATE  
(1979) / JOHNSON S

AMINO ACID COMPARTMENTATION AND MEASUREMENTS  
OF PROTEIN SYNTHESIS AND DEGRADATION IN RAT  
HEPATOCTES, ISOLATED BY ENZYMATIC  
TECHNIQUES (1979) / KOUP R A

SYNTHESIS AND NUCLEAR MAGNETIC RESONANCE  
STUDY OF SELECTIVELY DEUTERATED POLY-R  
PENZYL-L-GLUTAMATE  
(1979) / KWIAKOWSKI J H

NEUROCHEMICAL MECHANISM ASSOCIATED WITH  
RECOVERY FROM BRAIN INJURY  
(1979) / LANE Z F

APPLICATION OF A COMPLEMENT FIXATION-LYSIS  
INHIBITION ASSAY TO DETECT PLATELET  
ANTIBODIES (1979) / OLSON D E

A BIOCHEMICAL ANALYSIS OF CARTILAGE  
PROTEOGLYCAN IN THE AVIAN MUTANT MICROMELIA  
ABBOTT (1979) / QUINTNER M I

LACK OF GLUCOSE PHOSPHOTRANSFERASE FUNCTION  
IN PHOSPHOFRUCTOKINASE MUTANTS OF  
ESCHERICHIA COLI (1979) / ROEHL R A

A COMPARISON OF METHODS FOR DETERMINING THE  
NUTRITIONAL STATUS OF PREGNANT WOMEN IN  
CONNECTICUT (1979) / SCHLOSSER S R

ALIMENTARY PATHOBIOLOGY OF FEMALE AMERICAN  
EELS (ANGUILLA ROSTRATA)  
(1979) / THURMOND T S

**CORNELL UNIVERSITY**

DETERMINATION OF A 3 PRIME PROTRUDING  
RESTRICTION ENDONUCLEASE RECOGNITION SITE,  
AND RESTRICTION ENZYME MAPPING OF DNA  
(1979) / TOMASSINI J E

**DALHOUSIE UNIVERSITY**

STUDIES OF LONG-CHAIN FATTY ACYL-CO A  
HYDROLASE IN RAT BRAIN  
(1979) / BANDIERA S M

THE USE OF COMPLEXING AGENTS IN SQUARE WAVE  
POLAROGRAPHY (1979) / DALZIEL J A

A STUDY OF THE RELATIONSHIP BETWEEN COPPER  
SPECIATION AND TOXICITY TO ALGAE  
(1979) / KEAN A R

RIBOSOMAL RNA STUDIES IN PARACOCCUS  
DENITRIFICANS (1979) / MACKAY R M

ONTOGENY OF THE VLDL APOPROTEIN B RESPONSE  
TO ESTROGEN BY EMBRYONIC CHICK LIVER  
(1979) / MADIN DAVIS S A

METAL COMPLEXES OF ORGANIC LIGANDS AS  
SENSORS FOR ION SELECTIVE ELECTRODE  
(1979) / NORTH D H

EQUILIBRIUM STUDIES OF GLUCOSE DERIVATIVES  
AND THE PARTIAL ACYLATION OF ALDOSE DIETHYL  
DITHIOACETALS (1979) / PONNAMPALAM R

THERMAL AND EPITHERMAL NEUTRON ACTIVATION  
ANALYSIS OF NOVA SCOTIA RAW AND WASHED COATS  
(1979) / SANDEMAN M R

**DE PAUL UNIVERSITY**

THE PHYSICAL ADSORPTION OF METHYL IODIDE ON  
SPHERON-6 BETWEEN 0 DEGREES AND 80 DEGREES C  
(1979) / BYRNE J P

THE IRON(III)-SULFITE REACTION - THE COLORED  
INTERMEDIATE COMPLEX  
(1979) / PINKOWSKI J D

MASS SPECTRA AND PYROLYSIS OF A SERIES OF  
1,3-DIOXOL-2-ONES AND THE QUESTION OF THE  
FORMATION OF OXIRENES AS INTERMEDIATES  
(1979) / SKROBOT MODER A A

THERMODYNAMICS OF SOLUTION USING GAS LIQUID  
CHROMATOGRAPHY - ACETYLENIC SOLUTES IN  
ETHER SOLVENTS (1979) / ZIELINSKI W M

**DELAWARE, UNIVERSITY OF**

IN BEAM CHEMICAL IONIZATION MASS  
SPECTROMETRY (1979) / HANSEN G

STRUCTURE AND BONDING IN HALOBISMUTHATE(III)  
SALTS (1979) / LANDERS A G

SYNTHESIS AND CHEMISTRY OF 2-SUBSTITUTED  
HOMADAMANTANES (1979) / RICHWINE J R

**DREXEL INSTITUTE OF TECHNOLOGY**

AGE-DEPENDENT ALTERATIONS IN THERMAL  
STABILITY OF PARTIALLY PURIFIED DNA FROM  
TISSUES OF DROSOPHILA MELANOGASTER  
(1979) / DAROCHA I B

EVALUATION OF ACOUSTIC IMPEDOMETRY FOR THE  
MONITORING OF THE CROSS-LINKING OF COLLAGEN  
(1979) / LONG W S

ALTERATIONS IN THE THERMAL STABILITY OF  
RIBOSOMAL RIBONUCLEIC ACID FROM DROSOPHILA  
MELANOGASTER WITH ADVANCING AGE  
(1979) / ZSCHUNKE R

**DUKE UNIVERSITY**

ESR KINETIC STUDY OF THE POLYMERIZATION OF  
METHYLMETHACRYLATE USING AN AZO-COMPOUND  
PHOTOINITIATOR (1978) / DE HARGRAVE C V

STUDIES OF THE CONDITIONING OF MERCURIC  
SULFIDE-BASED ION-SELECTIVE ELECTRODES IN  
AQUEOUS SOLUTIONS (1978) / DIXON L A

THE PREPARATION AND PURIFICATION OF THE  
HYDROPEROXIDES OF ARACHIDONIC ACIDS  
(1979) / KONTOYLANNIDOU-OSTREM P

PAPER ELECTROPHORESIS AS A TOOL FOR STUDYING  
METAL SPECIATION (1978) / ROHL R

## EAST TENNESSEE STATE UNIVERSITY

THE EFFECT OF CADMIUM, COBALT, NICKEL, AND SILVER IONS ON THE RECOVERY OF BACTERIA AND BACTERIOPHAGES FROM WATER (1978) / ADIBI A O

THE EFFECTS OF MICROWAVE RADIATION ON SPECIFIC SALMONELLA TYPHIMURIUM MUTANTS (1979) / CRENSHAW R C

INHIBITION OF THE GROWTH OF STREPTOCOCCUS PYOGENES BY ASCORBIC ACID, SODIUM ASCORBATE, CITRIC ACID, AND STREPTOMYCIN SULFATE (1979) / GEORGIU G T

CHARACTERIZATION OF THE EFFECTS OF CYCLOHEXIMIDE ON THE PYRIMIDINE NUCLEOTIDE POOLS IN RAT LIVERS (1979) / HUFFAKER F

ASCORBIC ACID - STUDIES OF ITS IN VITRO BINDING TO RICIN AND TO GANGLIOSIDES (1978) / KALOMIRIS E

A MULTI-FACETED STUDY OF THE PARAMETERS AFFECTING THE KINETICS OF THE OXYGEN OXIDATION OF ASCORBIC ACID IN AQUEOUS SOLUTIONS (1979) / PONDER T W

THE SYNTHESIS AND STRUCTURAL ELUCIDATION OF A NOVEL 4,1,6-BENZOXADIAZONINE PRODUCED FROM THE REACTION OF A SCHIFF BASE WITH A PHENACYL HALIDE (1979) / SCHICK M F

ASCORBIC ACID - EFFECTS ON THE BACTERICIDAL ACTION OF NEOMYCIN AND STREPTOMYCIN (1978) / SULLIVAN P K

PH-DEPENDENT REGENERATION OF ASCORBIC ACID FROM OXIDIZED ASCORBIC ACID (1979) / WILSON A K

## EAST TEXAS STATE UNIVERSITY

EVIDENCE OF AN OXYGEN EXCHANGE REACTION BETWEEN CARBON MONOXIDE AND ISOTOPICALLY LABELED WATER OVER EVAPORATED NICKEL FILMS (1979) / CALLISON D L

CHEMOAUTOTROPHIC METABOLISM AND ACID PRODUCTION IN RECLAIMED SOIL FROM A LIGNITE SURFACE MINE (1979) / JACKSON J A

PETROLOGY OF THE GRAPEVINE HILLS, BIG BEND NATIONAL PARK, BREWSTER COUNTY, TEXAS (1979) / JONES J R

THE CATALYTIC EXCHANGE OF FURAN WITH DEUTERIUM ON NICKEL SURFACES (1979) / NI S S

THE KINETIC AND EQUILIBRIUM STUDY OF MESO TETRA (P-SULFONATOPHENYL) PORPHINALODEAQUORRHODATE (III) WITH THICYANATE (1979) / SHYU S B

## EASTERN ILLINOIS UNIVERSITY

PREPARATION OF N,N-DIMETHYLHYDRAZONES AND 1,1-DIMETHYLPYRAZOLIUM-5-OXIDES (1979) / LI T P

## EASTERN KENTUCKY UNIVERSITY

PREPARATION OF N(1) N(8) BIS 2,3 DIHYDROXYBENZOYL SPERMIDINE (1979) / DEATON A S

THE SYNTHESIS OF SOME 2,6-DIARALKYL 1,2,6-PERHYDROTHIA DIAZINES (1979) / GODDARD C J

## EASTERN NEW MEXICO UNIVERSITY

METHANATION OF CARBON OXIDES OVER BOROHYDRIDE REDUCED COBALT SALTS (1979) / BOGEY T

RED BLOOD CELL ANTIGEN FREQUENCIES IN MEXICAN-AMERICANS RESIDING IN TEXAS (1979) / BUNDRANT T

## EMORY UNIVERSITY

THE INTERACTION OF AMINOACYL-TRNA SYNTHETASES WITH MERCURATED ACTIVE SITE DIRECTED SUBSTRATE ANALOGS (1978) / DUBENDORFF J W

THE X-RAY STRUCTURE ELUCIDATION OF INTERMEDIATES OBTAINED IN THE AJUGARIAN I SYNTHESIS (1978) / EPSTEIN J S

OXIDATION OF ALCOHOLS ON SOLID SURFACES (1979) / LEE C

DETERMINATION OF EXCESS VOLUME IN BENZENE-NITROMETHANE AT 293.15, 258.15 AND 303.15K WITH A VIBRATING TUBE DENSIMETER (1978) / LONG P L

SYNTHETIC APPLICATIONS OF TRIMETHYLSILYLPHENYLSELENIDE (1978) / PATY P B

PREPARATION OF RADIOACTIVE IODINATED CHOLYLHISTAMINE FOR USE IN THE RADIOIMMUNOASSAY OF CHOLIC ACID (1978) / WEINBERG P B

## EMPORIA STATE UNIVERSITY

DIFFUSION COEFFICIENTS OF CO(++) AND CO(++) AT 20 DEGREED BY POLAROGRAPHY (1979) / CHINTAWONGVANICH P

THE DETERMINATION OF ZINC IN PLANT MATERIAL BY ATOMIC ABSORPTION SPECTROSCOPY - A COMPARISON WITH THE ACCEPTED AOAC COLORIMETRIC METHOD (1979) / HALL M J

A DETERMINATION OF MANGANESE IN PLANT MATERIAL BY ATOMIC ABSORPTION SPECTROSCOPY USING A METHANOL-AQUEOUS SOLVENT COMBINATION (1979) / HIEBERT G L

THE EFFECT OF KNOWN QUALITY IRRIGATION WATER ON THE CHEMICAL PROPERTIES OF SELECTED WESTERN FINNEY COUNTY SOILS (1979) / RHOADES G W

## FAIRLEIGH DICKISON UNIVERSITY

THE RELATIONSHIP BETWEEN VITAMIN D AND INTESTINAL ALKALINE PHOSPHATASE (1979) / CHEDID M

A CORRELATION OF SERUM BILE ACID LEVELS WITH CONVENTIONAL BIOCHEMICAL PARAMETERS IN THE ASSESSMENT OF HEPATOBILIARY DYSFUNCTION (1979) / JARZABEK J

ANALYSIS AND CLASSIFICATION OF MICROCYTIC ANEMIA BY USE OF ERYTHROCYTE PROTOPORPHYRIN, FERRITIN, HEMOGLOBIN A(2) AND TRANSFERRIN SATURATION (1979) / PEDERSEN J

THE QUANTITATIVE ASPECTS OF CALCIUM UPTAKE IN ISOLATED INTESTINAL CELLS (1979) / RUSHMORE T

## FLORIDA ATLANTIC UNIVERSITY

CREATINE PHOSPHOKINASE ISOENZYME ANALYSIS BY SELECTIVE ACTIVATION WITH THIOLS AND INHIBITION BY ANTIBODIES - AN EVALUATION AND ADAPTION TO AUTOMATED ANALYSIS (1979) / BERNARD D J

ELECTROCHEMISTRY OF MONOMERIC MOLYBDENUM (VI)-, (V)-, (IV)- AND (III)-CATECHOL COMPLEXES IN AQUEOUS MEDIA (1979) / CHARNEY L M

## FLORIDA STATE UNIVERSITY

CONTROL OF NITROGEN METABOLISM BY THYROID AND CENTRAL NERVOUS SYSTEM MANIPULATION (1979) / CASSIDY J P

MOLECULAR BEAM CHEMISTRY - STUDIES OF THE REACTIONS OF CESIUM IONS WITH VARIOUS ORGANODHALIDES (1979) / HORVAT R C

## FLORIDA, UNIVERSITY OF

SYNTHETIC APPROACHES TO NEW (2.2) PARACYCLOPHANE SYSTEMS (1979) / GERHART C

SYNTHETIC APPROACHES TO THE SEX PHEROMONE OF THE MALE CARIBBEAN FRUIT FLY (1979) / VANDERBILT D

SYNTHESIS AND THERMAL DECARBONYLATION OF ENDO-6,7-BENZOTRICYCLO (3.2.1.0.4) OCTEN-8-ONE (1979) / VISNICK M

## GEORGIA INSTITUTE OF TECHNOLOGY

THE STRUCTURE AND REACTIVITY OF DOUBLY CHARGED IONS (1979) / AGEY J H

MULTIPHASE BIOCHEMISTRY - LIQUID MEMBRANES AND THE AFFINITY CHROMATOGRAPHY OF OXYGENASES (1979) / LANDGRAFF L M

A PHYTOCHEMICAL INVESTIGATION OF THE TOXIC PLANT EUPATORIUM RUGOSUM (1979) / MAY P E

SPECIFICITY AND REACTIVITY OF CATHEPSIN G, HUMAN LEUKOCYTE ELASTASE, AND PORCINE PANCREATIC ELASTASE TOWARD PEPTIDES AND PEPTIDE ANIDES (1979) / MC RAE B J

A SYNTHETIC STUDY OF 4-T BUTYLCYCLOGEXYLMAGNESIUM CHLORIDE (1979) / MISCHUK G M

PART I, RELATIVE NUCLEOPHILICITIES OF NAKED ANIONS - PART II, X-RAY STRUCTURE DETERMINATION OF THE CYANOGEN BROMIDE/18 CROWN-6 COMPLEX (1979) / PINETTI E P

A STRUCTURAL STUDY OF A MIXED VALENCE COMPLEX OF COBALT AND DIACETYLOXIME-ANIL (1979) / SHAW T E

## GEORGIA, UNIVERSITY OF

ON THE REPAIR OF DNA CROSS-LINKS IN ESCHERICHIA COLI (1979) / BROYLES S S

PART I - CLEAVAGE OF ESTERS TO ALCOHOLS, PART II - MODEL STUDIES FOR THE SYNTHESIS OF ACORENONE-B (1979) / FERNANDEZ E L

EFFECTS OF MOUSE MAMMARY TUMOR VIRUS ON DEVELOPING CHICK MUSCLE (1979) / JONES G T

THE SOLUBILIZATION, PARTIAL PURIFICATION AND CHARACTERIZATION OF THE ATPASE OF AZOTOBACTER VINELANDII (1979) / JONES S B

CELL-FREE SYNTHESIS OF SOLUBLE ELASTIN (1979) / KARR S R

SYNTHESIS AND TRANSFORMATIONS OF SUBSTITUTED CYCLOHEXADIENES (1979) / KUAD J T

PURIFICATION AND PROPERTIES OF BISULFITE REDUCTASES FROM THE SULFATE REDUCING BACTERIA (1979) / LIU C L

ISOLATION OF A HEXAHEME CYTOCHROME FROM DESULFOVIBRIO DESULFURICANS AND ITS CHARACTERIZATION AS A NEW TYPE OF NITRITE REDUCTASE (1979) / LIU M C

METHENYLTETRAHYDROFOLATE CYCLOHYDROLASE METHYLENETETRAHYDROFOLATE DEHYDROGENASE FROM CLOSTRIDIUM THERMOACETICUM (1979) / LIU M T

RABBIT SPERM AND TESTICULAR PEPTIDE HYDROLASES (1979) / MC RORIE D K

THE STOPPED-FLOW DETERMINATION OF BORATE BY ITS CATALYTIC DECOMPOSITION OF N-NITROSOHYDROXYLAMINE-N-SULFONATE (1979) / MIEBRUEGGE D H

PART I - PARTICIPATION OF KETENE IN THE ALCOHOLYSIS OF ACID CHLORIDES IN THE PRESENCE OF TRIETHYLAMINE, PART II - AN APPROACH TO THE SYNTHESIS OF CANNABISPIRANES (1979) / TURK J M

ISOLATION AND CHARACTERIZATION OF HUMAN LEUKOCYTE MYELOPEROXIDASE (1979) / WONG P S

## GUELPH, UNIVERSITY OF

AN ASSESSMENT OF VARIOUS MICROSOMAL ENZYME INDUCERS, USING 4-CHLOROBIPHENYL AS METABOLIC SUBSTRATE (1979) / CRAWFORD A

MEMBRANE ASSOCIATED EVENTS IN LYMPHOCYTE ACTIVATION (1979) / DOBSON P T

THE ELECTRICAL DOUBLE LAYER AT THE MERCURY DMF INTERFACE (1979) / IKEDA B M

SYNTHESIS AND CHARACTERIZATION OF METAL MACROCYCLIC COMPLEXES (1979) / JOHNSTON A J

THE IN VITRO METABOLISM OF BROMINATED BIPHENYLS (1979) / PURDY F R

LIPID COMPOUNDS AND LYSOSOMAL MEMBRANE STABILITY (1979) / ROGERS S A

HALOGENATED AROMATIC HYDROCARBONS - MUTAGENICITY AND MICROSOMAL ENZYME STUDIES (1979) / SHILLING M R

CARDIOLIPIN DEGRADATION BY RAT LIVER LYSOSOMES - LACK OF CORRELATION OF AGPGG DEGRADATION AND PHOSPHODIESTERASE IV ACTIVITY (1979) / WERCHOLA G M

ANION COMPLEXES (1979) / WHITFIELD D M

AN ANALYSIS OF THE PRODUCTION AND ECONOMIC FACTORS INFLUENCING THE MARKET WEIGHT FOR HOGS REARED UNDER ALTERNATIVE FEEDING REGIMES (1979) / YOUNG T A

## HAWAII, UNIVERSITY OF

DEVELOPMENT AND EVALUATION OF A HIGH RESOLUTION 5M GRAZING INCIDENCE SPECTROGRAPH FOR SOFT X-RAYS (1979) / BERGNUT L V



HAWAII, UNIVERSITY OF  
(CONTINUED)

- I. SYNTHESIS TO MARINE NATURAL PRODUCTS  
 II. CONSTITUENTS OF FASCIOSPONGIA SP  
 (1979) / BLYTH P C

THE EXTRACTION AND DETERMINATION OF THALLIUM  
 IN FERROMANGANESE NODULES  
 (1979) / ISKOWITZ J M

CARBON-CARBON BOND FORMATION VIA  
 ORGANALUMINATES - REDUCTIVE ARYLATION OF  
 ENOL ESTERS AND RELATED REACTIONS  
 (1979) / SCHULL T L

PART I. PREPARATION OF ISOMERS OF  
 B-IONYLIDENEACETATE DERIVATIVES AND  
 THEIR PHOTO AND THERMAL REACTIONS. PART II.  
 THE SYNTHESIS OF RETINAL ANALOGS AND THEIR  
 INTERACTION WITH CATTLE OPSIN  
 (1979) / YEN Y

## HOLY CROSS, COLLEGE OF THE

FLUORESCENCE QUENCHING OF AROMATICS BY  
 KETONES (1979) / LAMBERTO M

## HOWARD UNIVERSITY

HORMONES AND RETINOL BINDING PROTEIN (RBP)  
 SYNTHESIS OR RELEASE  
 (1979) / AHLUWALIA G S

OXIDATION OF COBALT (II) CARBONIC ANHYDRASE  
 USING MN (III) TRANS  
 1,2-DIAMINOCYCLOHEXANETETRAACETATE,  
 CHLORANIL AND M-CHLOROPEROXYBENZOIC ACID  
 (1979) / EKIKO D B

CONDUCTANCE OF SYMMETRICAL  
 TETRAALKYLAMMONIUM SALTS IN PROPIONITRILE  
 AND BUTYRONITRILE AT 25 DEGREES C  
 (1979) / REID D C

## IDAHO STATE UNIVERSITY

PRODUCTION, GENETIC CONTROL AND SOME  
 CHARACTERISTICS OF AN INHIBITOR PRODUCED BY  
 AN EXTREMELY THERMOPHILIC BACTERIUM  
 RESEMBLING THERMUS AQUATICUS  
 (1979) / CAMPBELL B A

INDUCTION OF PROPHAGE LAMBDA BY NONOPERATOR  
 DNA (1979) / HARDY J A

STUDIES ON THE EFFECT OF PLANT EXTRACTS IN  
 PORCINE NEURITUBUL IN POLYMERIZATION I:  
 VITRO (1979) / PIERSON H F

IMMUNOENHANCEMENT IN SYNGENEIC MURINE TUMOR  
 SYSTEMS (1979) / VAN CALLIGAN M

THE EFFECT OF IMMUNOLOGICAL RECONSTITUTION  
 OF ATHYMIC NUDE MICE ON THE GROWTH AND  
 METASTASIS OF A SYNGENEIC TUMOR  
 (1979) / WALLACE P K

CYCLIC AMP ANALYSIS IN THERMUS SP. T2  
 (1979) / WESTMARK D R

## IDAHO, UNIVERSITY OF

A THERMODYNAMIC ANALYSIS OF METAL LIGAND  
 BOND FORMATION IN THE ORGANO-N,N'-BIS  
 (ACETYLACETONATO)-ETHYLENEDIMINE COBALT(III)  
 AND RELATED SYSTEMS (1979) / FLAY R B

CHARACTERIZATION OF A SULFUR ANALYZING GAS  
 CHROMATOGRAPHIC SYSTEM (1979) / GLUCK S

THE CHEMISTRY OF UNCONFINED MINE WASTES  
 (1979) / MARCY D

ALKYLATION OF CYCLOPROPANOLS  
 (1979) / PLAISTED S M

## ILLINOIS INSTITUTE OF TECHNOLOGY

THE MOLECULAR BIOCHEMISTRY OF COPPER  
 (1979) / HALARI M K

KINETICS OF NITRITE REDUCTASE FROM  
 PARACOCCLUS DENITRIFICANS  
 (1979) / ROBINSON M K

## ILLINOIS STATE UNIVERSITY

RNA SYNTHESIS BY LIVER NUCLEI FROM RATS OF  
 VARIOUS AGES (1979) / CASTLE T M

MOLECULAR ORBITAL CALCULATIONS ON FURAN AND  
 RELATED COMPOUNDS (1979) / LUNDEEN J E

THE ULTRASTRUCTURE OF ENZYMATICALLY  
 ISOLATED FETAL RAT CALVARIA CELLS CULTURED  
 WITH AND WITHOUT PARATHYROID HORMONE  
 (1979) / PADDOCK D N

THE TOXICITY AND BIOCONCENTRATION OF NICKEL  
 IN THE GREEN ALGA SCNEDESMUS OBLIQUUS  
 (1979) / REUTER W M

DETERMINATION OF CARBARYL AND ALPHA-NAPHTHOL  
 IN RUNOFF WATER WITH HIGH PERFORMANCE LIQUID  
 CHROMATOGRAPHY (1979) / REYNOLDS D W

FACTORS CONTROLLING THE STABILITY AND  
 REACTIVITY OF HYDROCARBON DIANIONS AND ANION  
 RADICALS (1979) / VALENTIN J R

ION PAIRING AND THERMODYNAMIC STABILITY OF  
 ORGANIC ANIONS AND DIANIONS STUDIED VIA  
 CALORIMETRY AND ESR (1979) / WILLIAMS E

STERIC EFFECTS IN THE ASYMMETRIC ALIYLATION  
 OF CHIRAL OXAZOLINES (1979) / WU S D

THE INCORPORATION OF OROTIC ACID, URIDINE,  
 AND URACIL INTO THE URIDINE NUCLEOTIDES BY  
 ISOLATED HEPATOCYTES (1979) / ZORICH N L

## INDIANA STATE UNIVERSITY

EVALUATION OF CERTAIN ORGANIC COMPOUNDS IN  
 THE WABASH RIVER UTILIZING GAS AND LIQUID  
 CHROMATOGRAPHY (1979) / CHESLOFF E G

BIOPHYSICAL AND BIOCHEMICAL CHARACTERISTICS  
 OF VIRUS-LIKE PARTICLES IN ASPERGILLUS  
 OCHRACEOUS (1979) / KONG T

A STUDY OF DEUTERIUM RATE EXCHANGES USING  
 THREE SUBSTITUTED FERROCENE DERIVATIVES  
 (1979) / THOMPSON M M

## INDIANA UNIVERSITY

THE INTERACTION BETWEEN ORGANIC NITRO  
 COMPOUNDS AND ZEROVALENT NICKEL COMPLEXES  
 (1979) / BERMAN R S

FATTY ACID SYNTHESIS IN THE PERFUSED RAT  
 LUNG (1979) / BUECHLER K F

ISOLATION AND CHARACTERIZATION OF RHO  
 TRANSCRIPTION TERMINATION FACTORS FROM  
 SUA1, SUA100, AND SUA120 POLARITY SUPPRESSOR  
 STRAINS (1979) / CAREY J L

THE COMPLETE AMINO ACID SEQUENCE OF THE  
 (CONTINUED)

INDIANA UNIVERSITY  
(CONTINUED)

MAJOR COMPONENT MYOGLUCIN OF HUBLE'S BEAKED WHALE (MESOPLODON CARLHUBBSI) (1979) / DWULET J A

PROPERTIES AND BIOSYNTHESIS OF CYTOCHROME OXYDASE IN YEAST (1977) / HAMILL P J

GAS PHASE REACTIONS OF FORMYL COMPOUNDS WITH ANIONIC BASES (1979) / HAYS R L

GENETIC AND BIOCHEMICAL STUDIES ON THE DE NOVO PURINE BIOSYNTHESIS OF TISSUE CULTURED CHINESE HAMSTER LUNG CELL LINES (1977) / HUANG L C

SODIUM FLUORIDE STIMULATION OF RAT TISSUE ADENOSINE 3',5'-CYCLE MONOPHOSPHATE PRODUCTION IN VIVO (1979) / KLEINER S K

NICOTINAMIDE ADENINE DINUCLEOTIDE GLYCOHYDROLASES - A COMPREHENSIVE REVIEW (1979) / NAVARRO B

PEPTIDE AND SEIMSYNTHESIS IN AQUEOUS SOLUTION (1979) / SPILLECKE F

REACTION OF THREO-B-HYDROXYL-L-ASPARATATE WITH ASPARTATE AMINOTRANSFERASE (1979) / TAWFIK M K

SEMI-EMPIRICAL AND AB INITIO INVESTIGATIONS INTO THE BENZENE-OXYGEN COMPLEX (1979) / WAIGHT C I

## IOWA STATE UNIVERSITY

NEW ORGANIC SYNTHETIC METHODS USING TRANSMETALLATION REACTIONS (1978) / BEATTY K M

APPLICATION OF A NOVEL SUPERPOSITION TECHNIQUE TO THE STRUCTURE OF AN ORGANOPHOSPHORUS INSECTICIDE AND AN ORGANOMETALLIC COMPOUND (1978) / BECKMAN D E

A SYNTHETIC APPROACH TO PROSTANOIDS UTILIZING PALLADIUM PI-ALLYLIC COMPOUNDS (1979) / BURKHART J P

SILYLENIUM ION INTERMEDIATES - A KINETIC INVESTIGATION (1978) / GJERDE H B

THE FERROUS CHLORIDE - FERRIC CHLORIDE HYDROCHLORIC ACID SYSTEM (1978) / LO P K

THE ISOLATION AND SYNTHETIC APPROACHES TO 3-N-(PENTADECADIENYL)-10\*(Z), 13\*(Z) CATHECHOL (1978) / PFOTENHAUER S G

THE MOLECULAR PROPERTIES OF GLUCOSE 6-PHOSPHATE DEPENDENT GLYCOGEN SYNTHASE D FROM BOVINE HEART (1979) / REDDER R J

THE PREPARATION AND X-RAY STRUCTURE DETERMINATION OF TETRA-U-FORMATODIMOLYBDOENUM (II)-POTASSIUM CHLORIDE (1978) / ROBBINS G A

COLLISION-INDUCED PREDISSOCIATION IN IODINE (1979) / SEHA T R

SUBSTRATE SPECIFICITY OF PHOSPHORYLASE KINASE USING SYNTHETIC PEPTIDES (1978) / VIRIYA J

ELIMINATION REACTION OF 2-HYDROXYALKYLCOBALOXIMES IN ACIDIC SOLUTION (1978) / WANG D M

CHROMATOGRAPHY OF METAL IONS WITH A TRIAZINE CHELATING RESIN (1979) / WANG W H

PRELIMINARY STUDIES OF THE BIOSYNTHESIS OF AUSTIN (1978) / WICNIENSKI N A

INDUCTIVELY COUPLED PLASMA-ATOMIC EMISSION SPECTROSCOPY - AN EVALUATION OF THE USE OF NITROGEN-ARGON ADMIXTURES AS PLASMA DISCHARGE ATMOSPHERES (1978) / ZALEWSKI J C

## IOWA, UNIVERSITY OF

EMISSION OF FORMALDEHYDE FROM UREA FORMALDEHYDE POLYMERS (1979) / BRENNAN S T

CHANGES IN THE PARASYMPATHETIC NEUROCHEMICAL MARKERS IN GUINEA PIG HEART IN RESPONSE TO HYPOBARIC HYPOXIA (1979) / CROCKATT L H

A STUDY OF THE USE OF THE LOW TEMPERATURE HYDROGEN AIR FLAME AS A COLLECTION DEVICE FOR ENVIRONMENTAL SAMPLES (1979) / FRITZ G S

STUDIES ON THE ORGANIZATION OF HISTONE H 1 ON THE MAMMALIAN CHROMOSOME (1978) / NOORBAKHS H M

STUDIES ON THE ORGANIZATION OF HISTONE H1 ON THE MAMMALIAN CHROMOSOME (1979) / NOORBAKHS H-ESFAHANI M

THE REGULATION OF TYROSINE AMINOTRANSFERASE MESSENGER RIBONUCLEIC ACID IN HEPATOMA TISSUE CULTURE CELLS BY DEXAMETHASONE (1979) / OLSON P S

PROTON NUCLEAR MAGNETIC RESONANCE STUDIES OF FERROUS-THIOLATE COMPLEXES (1979) / PARNELY C R

PROPERTIES OF UREA-FORMALDEHYDE POLYMERS (1979) / PIERSON D A

CARBON-13 NUCLEAR MAGNETIC RESONANCE STUDIES OF HIGH-SPIN FE (III)-PORPHYRINS (1979) / SHIMOMURA E T

ENZYMATIC PREPARATION OF ANALOGUES OF DATP AND DADO AND CYTOTOXICITY OF DTU (1978) / WITT L L

REGULATION OF RIBONUCLEOTIDE REDUCTION IN LACTOBACILLUS LEICHMANII (1979) / YAP T C

## JOHN CARROLL UNIVERSITY

THE REDOX REACTION OF O-CARBOXYPHENYL SULFINYLACETIC ACID IN ACETIC ACID (1979) / BAGAL S V

THE NITRATION OF 2-ALKYL-4, 4-DIMETHYL 2-OXAZOLINES (1979) / CARLOZZO B J

INTERMEDIATES IN THE PUMMERER TYPE REDOX CLEAVAGE OF ACTIVATED SULFOXIDES (1979) / KEARNEY F R

A STUDY INTO AN ASSAY FOR RETINAL ISOMERASE (1979) / NICKLAS S L

## KANSAS STATE UNIVERSITY

CALCULATION OF COMPLEX CHEMICAL EQUILIBRIUM IN SYSTEMS CONTAINING ONE OR MORE CONDENSED PHASES (1979) / FIMERALLIS J G

THERMAL PROPERTIES OF LYSOPHOSPHATIDYLETHANOLAMINES (1979) / NUZBACK D B

## KANSAS, UNIVERSITY OF

THE SYNTHESIS AND STUDY OF SOME PALLADIUM SALICYLALDIMINE COMPLEXES (1979) / BISCHOFF J J

HIGH TEMPERATURE THERMODYNAMICS AND VAPORIZATION OF TITANIUM MONOXIDE SOLID SOLUTIONS (1979) / HEIDEMAN S A

THERMODYNAMIC ACTIVITIES OF GAMMA BUTYROLACTONE IN ISOCTANE (1979) / HWANG Y T

EFFECTS OF PSEUDO-AROMATICITY ON THE POLAR CHARACTER OF FREE RADICAL REACTIONS (1979) / JUHL R L

SYNTHESIS OF 5-SUBSTITUTED ANALOGS OF URACIL NUCLEOSIDES AND NUCLEOTIDES (1979) / KALARITIS P

CONSTANT CURRENT COULOMETRIC TITRATIONS WITH NICKEL (I)-DIENE IN ACETONITRILE (1979) / PAPAY E S

THERMODYNAMICS OF N-ALKANALS IN SOLUTION (1979) / SCHREIBER D R

TRANSITION-STATE STRUCTURE FOR A SULFUR TO OXYGEN METHYL TRANSFER REACTION (1979) / TEXIDOR C G

STUDIES ON THE INHIBITION OF EPOXIDE HYDRASE (1979) / WALSH J S

A STUDY OF THE SANDELL-KOLTHOFF REACTION IN THE PRESENCE OF SULFATE, NITRATE, HUMIC ACID AND OTHER INTERFERENCES, IN THE ANALYSIS OF TRACES OF IODIDE (1979) / ZUNIGA P G

## KENTUCKY, UNIVERSITY OF

THE MECHANISM OF THE PHOTOCHEMICAL REACTION OF METHYL 4, 4, 4-TRIPHENYL-2-BUTYNOATE (1979) / ELDRED J G

SYNTHESIS OF 2-ARYL-6-METHYLCYCLOHEXANECARBOXYLIC ACIDS AS POTENTIAL NON-STEROIDAL ANTI-INFLAMMATORY AGENTS (1979) / FAKES M G

PROMPT GAMMA RAYS FROM (194)PT FOLLOWING INELASTIC NEUTRON SCATTERING (1979) / FILO A J

INVESTIGATIONS INTO THE SYNTHESIS OF NEW ORGANO-PLATINUM COMPLEXES AS POSSIBLE ANTITUMOR AGENTS (1979) / FOWLER A T

INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS FOR THE DETERMINATION OF ALUMINUM IN HUMAN BRAIN TISSUE AND ITS RELATION TO ALZHEIMER'S DISEASE (1979) / GOODIN D T

STUDIES ON BORON DERIVATIVES OF PYRIDYLALKYLAMINES (1979) / READ R B

STUDIES ON BORON DERIVATIVES OF PYRAZOLE (1979) / SEELIG S S

## LAURENTIEN UNIVERSITY

IMMUNOLOGICAL AND STRUCTURAL STUDIES ON BRAIN CREATINE KINASE ISOZYME (1978) / BRUNET C L

SOLVATION AND TRANSPORT PROPERTIES IN CONCENTRATED AQUEOUS ELECTROLYTE SOLUTIONS (1977) / FRANCHETTO R C

REACTIONS OF NITRO COMPOUNDS - PART I - (CONTINUED)

CONVERSION OF NITRO GROUPS INTO CARBOXYLS - PART II - REACTION OF NITRO OLEFINS WITH 2-OXAZOLIN-5-ONES (1979) / LAWUYI R F

HOMOPOLYMERIZATION OF METHYL METHACRYLATE INITIATED BY CHOLESTERYL COMPOUNDS (1977) / LEUNG K

THE ADAPTATION OF X-RAY FLUORESCENCE SPECTROMETRY TO DETERMINE THE COPPER, IRON, LEAD, NICKEL AND ZINC CONTENTS IN HUMAN WHOLE BLOOD (1977) / LLOYD R J

X-RAY FLUORESCENCE DETERMINATION OF MICROGRAM QUANTITIES OF PRECIOUS METALS (1978) / OUMD P R

## LEHIGH UNIVERSITY

THE EFFECTS OF ANTIMONY AND NITRITE ON THE CORROSION RATE OF TIN IN CITRIC ACID (1979) / RAUCH A F

## LONG ISLAND UNIVERSITY

DETERMINATION OF THE DEGREE OF UNSATURATION IN BIOLOGICAL SAMPLES BY HYDROGEN ENTHALPIOMETRY (1979) / ADENIRAN M K

GRAFT POLYMERIZATION OF ACRYLAMIDE ONTO STYRENE-DIVINYLBENZENE RESINS (1979) / AHSAN M

ISOLATION OF SUCROSE FROM PANAX QUINQUEFOLIUM. CHEMICAL STUDIES OF SAPONINS OF PANAX QUINQUEFOLIUM (1979) / CAMPBELL F

HEATS OF HYDROGENATION OF NORBORNADIENE, NORBORNENE, QUADRICYCLANE, NORTRICYCLANE (1979) / CHOI L S

STUDIES OF CHEMICAL CONSTITUENTS OF PANAX QUINQUEFOLIUM (1979) / SHAIKH M H

## LOUISIANA STATE UNIVERSITY

PART I - THEORETICAL ELECTROCHEMISTRY - FARADAIC AND NON-FARADAIC COMPONENTS IN THE FINITE INCREMENT SOLUTION OF FICK'S LAWS. PART II - APPLIED ELECTROCHEMISTRY (1979) / BURAS P J

SYNTHESIS AND CHARACTERIZATION OF A CHROMOPHORIC ARGININE-SPECIFIC REAGENT (1979) / DEVILLIER J B

A PERSONAL MONITOR FOR AMMONIA UTILIZING PERMEATION SAMPLING (1979) / FOLKES L A

THE INFLUENCE OF MOLECULAR DISTORTION ON THE REACTIVITY OF ALKOXY RADICALS TOWARDS ALKENES (1979) / GARCIA L A

STUDIES ON ATP-INDUCED ACTIVATION OF PHOSPHOFRUCTOKINASE (1979) / HOLZKAMP H M

AFFINITY LABELING OF THE AMP SITE IN RABBIT MUSCLE PHOSPHOFRUCTOKINASE BY 2' - 3' DIALDEHYDE ADENOSINE MONOPHOSPHATE (1979) / KELLER P A

PART I - THE PRODUCTION OF CARBOXYLIC ACIDS FROM BACTERIAL DEGRADATION OF CELLULOSE PART II - INDUSTRIAL SCALE ISOLATION OF BOVINE BLOOD SERUM ALBUMIN (1979) / SALINDVICH D R

ISOLATION OF A NOVEL PHOSPHOFRUCTOKINASE REGULATORY COMPLEX FROM MUSCLE AND LIVER (1979) / SCHNABEL R G

## LOUISVILLE, UNIVERSITY OF

APPLICATIONS AND LIMITATIONS OF THE RADIAL DIFFUSION ASSAY FOR TISSUE COLLAGENASE (1979) / CAROTHERS D J

KINETIC AND THERMODYNAMIC PARAMETERS OF HUMAN CORTICOSTEROID-BINDING GLOBULIN AND PARTIAL CHARACTERIZATION OF TWO MOLECULAR SPECIES (1979) / FCRSTHOEFEL M W

CARBON-13 SPECTRA, BONDING AND REARRANGEMENT OF ORGANIC PI SYSTEMS COORDINATED TO IRON CARBYNLS (1979) / OAG T S

## LOWELL, UNIVERSITY OF

SYNTHESIS OF SOME 1,2-DIALKYL DIAZETIDIN-3 ONES (1979) / HOFFMAN M J

THE DETERMINATION OF HEAVY METALS IN PLASTIC FOOD WRAPPERS USING ATOMIC ABSORPTION SPECTROSCOPY (1979) / MARKUNAS L D

A GAS-SOLID CHROMATOGRAPHIC STUDY OF GRADIENT PACKED (1979) / STEMPORZEWSKI S E

## LOYOLA UNIVERSITY

SYNTHESIS, CHARACTERIZATION AND SELECTED DIELS-ALDER REACTIONS OF 5,5-DIPHENYLCYCLOPENTADIENE (1979) / AHMED S Z

ELIMINATION REACTIONS OF CYCLIC HYDRAZINIUM SALTS (1979) / DE MEIRELES J C

FAT-MOBILIZING SUBSTANCES (FMS) (1979) / KRUPA D

## MAINE, UNIVERSITY OF

APPROACHES TO SYNTHESIS OF STEROIDAL L-METHYLENE-L-LACTONE (1979) / EZEQUIRO C

DIPOLAR ADDITIONS TO SELECTED STEROIDAL OLEFINS (1979) / KILCOYNE J P

THE MICELLIZATION OF OCTYL B D-GLUCOPYRANOSIDE (1979) / MILLS B P

CHEMICAL BONDING IN INORGANIC ANTICANCER DRUGS - CIS AND TRANS-DICHLORODIAMINE PLATINUM (II) AND PLATINUM BLUE (1979) / TEWKSBURY J C

## MANITOBA, UNIVERSITY OF

STUDIES ON GLYCOSIDASES IN CONCANAVALIN A-SENSITIVE AND RESISTANT CHINESE HAMSTER OVARY CELLS GROWN IN TISSUE CULTURE (1979) / BLASCHUK O W

THE EXTRACTION OF URANYL NITRATE FROM AQUEOUS NITRATE SOLUTIONS BY OPEN-CELL POLYURETHANE FOAM SPONGE (1979) / GUPTA B M

THE PHOTO-INDUCED OXIDATION OF 2-PROPANOL AND METHANOL BY HYDROGEN PEROXIDE IN NEUTRAL AQUEOUS SOLUTIONS (1979) / HLMINICKI P G

BRAIN MONAMINES IN PYRIDOXINE DEFICIENCY (1979) / LE BLANCO W D

THE EXTRACTION OF IRIIDIUM AND PLATINUM FROM ORGANIC SOLVENTS BY THE USE OF POLYURETHANE FOAM (1979) / MOORE R A

GAS CHROMATOGRAPHY AND MASS SPECTROMETRY OF (CONTINUED)

SOME STERICALLY CROWDED TRIALKYLSILYL DERIVATIVES OF MONOSACCHARIDES AND RELATED COMPOUNDS (1979) / NG P K

A REACTIVE SULFHYDRYL GROUP IN ESCHERICHIA COLI CITRATE SYNTHESIS (1979) / TALGOY M M

## MARQUETTE UNIVERSITY

DIFFERENTIAL SCANNING CALORIMETRIC STUDIES OF CRYSTALLINE POTASSIUM CYANIDE (1979) / AKINADE K A

GAS CHROMATOGRAPHY OF SOME LOCAL ANESTHETICS AND THEIR METABOLITES (1979) / CHEN J L

CATALYTIC REDUCTION OF MOLYBDENUM-THIOL COMPLEXES (1979) / FONONG T

SYNTHESIS, STEREOCHEMISTRY AND REACTIONS OF THE PHOSPHORUS HETEROCYCLES - 3,3-DIPHENYL 3-PHOSPHONIABICYCLE (3.2.1) OCT-6-ENE AND OCTANE BROMIDES (1979) / MOST J T

ELECTROCHEMISTRY OF SUBSTITUTED CATECHOL COMPOUNDS (1979) / YUEH A Y

ENHANCEMENT OF SOLVENT EXTRACTABILITY OF SEMI-ANTHRACITE COAL BY RADIATION (1979) / ZEH-YOUE A Q

## MARSHALL UNIVERSITY

CIDNP STUDIES ON THE ALKYLATION REACTION AND THE REACTIONS BETWEEN BENZYL HALIDES AND ORGANOLITHIUM COMPOUNDS (1979) / LONG D W

THE VOLUME CHANGE OF THE REACTION BETWEEN AQUEOUS SODIUM, POTASSIUM, RUBIDIUM, CESIUM, NITROGEN HYDROXIDE, STRONTIUM, BARIUM, AND LEAD SOLUTIONS WITH AQUEOUS 18-CROWN-6 SOLUTION (1979) / YANG T C

## MASSACHUSETTS INSTITUTE OF TECHNOLOGY

APPROACH TO A ONE-STEP PURIFICATION OF AMINOACYL-TRNA (1979) / JENSEN P C

A MODEL FOR THE MULTIPHOTON DISSOCIATION FOR POLYATOMIC MOLECULES (1979) / KAHANA P Y

GREEN'S FUNCTIONS FOR STEPPED CRYSTAL SURFACES (1979) / KLEIMAN B K

## MASSACHUSETTS, UNIVERSITY OF

THERMAL STUDIES OF REACTIONS IN SOLID MIXTURES OF PENTAERYTHRITOL AND CR(VI) OR MN(VII) (1979) / BARNETT D A

CHARACTERIZATION OF THE MEMBRANE-BOUND ADENOSINE TRIPHOSPHATASE OF A PHOTOSYNTHETIC THERMOPHILE, CHLOROFLEXUS AURANTIACUS (1979) / BERGSTROM A R

SYNTHESIS, PHYSICAL CHARACTERIZATION, AND DIELECTRIC RELAXATION MEASUREMENTS OF ALPHA AMINO ACID COPOLYMERS COMPRISED OF GAMMA BENZYL-L-GLUTAMATE AND L-PHENYLALANINE AND COPOLYMERS COMPRISED OF L-GLUTAMATE AND L-PHENYLALANINE (1979) / BROWN D S

INVESTIGATION OF POSSIBLE CONSERVATION OF RIBOSOMAL PROTEIN BINDING SITES IN RIBOSOMAL RNAs FROM SEVERAL DIVERSE SOURCES (1979) / FERRETT L K

A STUDY OF ORDERING IN THE SOLUTION PHASE OF POLY (P-AMINOBENZHYDRAZIDE TEREPHTHALAMIDE) (1979) / FOSTER B M

**MASSACHUSETTS, UNIVERSITY OF  
(CONTINUED)**

THE CONCENTRATION AND SPECTROCHEMICAL DETERMINATION OF TRACE METALS IN URINE UTILIZING A POLY(DITHIOCARBAMATE) RESIN AND AN INDUCTIVELY COUPLED PLASMA (1979) / GENNA J S

FOAM FULVIC ACID - FUNCTIONAL GROUPS AND SEASONAL PATTERNS (1979) / WITCHWOOD A

**MC GILL UNIVERSITY**

THE MAJOR INTERCELLULAR ALKALINE DEOXYRIBONUCLEASE ACTIVITIES EXPRESSED IN WILD-TYPE AND REC-LIKE MUTANTS OF NEUROSPORA CRASSA (1979) / CHOW T Y

HETEROGENEITY IN THE THERMALLY INDUCED TRIPLET QUENCHING OF MULTITRYPTOPHAN GLOBULAR PROTEINS (1979) / DOMANUS J

REGULATION OF PERIPHERAL TRYPTOPHAN METABOLISM AND THE EFFECT ON BRAIN SEROTONIN (1979) / HINSON J W

INVESTIGATION OF THE RADIOIMMUNOASSAY FOR ACTH AND ITS APPLICATION TO ACTH DETERMINATION IN TISSUE CULTURE MEDIA (1979) / KELLER A G

NEURONAL REGULATION OF ADRENAL ORNITHINE DECARBOXYLASE (1979) / RAMIREZ-GONZALEZ M D

SOME ASPECTS OF THE SYNTHESIS OF BETA LACTAM ANTIBIOTICS AND D. L-2-EPI-SHOWDOMYCIN (1979) / TSANTRIZOS Y S

**MC MASTER UNIVERSITY**

PRELIMINARY INVESTIGATION OF CALCIUM CARBONATE NUCLEATION IN PRECIPITATION REACTIONS FROM QUASI-HOMOGENOUS SOLUTION (1979) / DURANZA F C

INVESTIGATION AND SEPARATION OF NITROFURAZONE-DNA DERIVATIVES PRODUCED BY X-RADIATION (1979) / RISHEA A D

**MIAMI UNIVERSITY**

THE POTENTIAL OF RAMAN SPECTROSCOPY IN THE DETECTION OF WATER POLLUTANTS AND THE VIBRATIONAL ASSIGNMENT OF SODIUM PYRUVATE (1979) / COVINGTON D

A STUDY OF THE MECHANISM OF THE REACTION BETWEEN BISAMINEDISULFIDES AND BENZYLIC COMPOUNDS (1979) / DOSTER D E

ACAETIN - A CRYSTAL STRUCTURE (1979) / GERDOM L E

THE MOBILIZATION OF LEAD FROM FLY ASH IN AQUEOUS SYSTEMS (1979) / LANE L M

DETERMINATION OF SELECTED COMPOUNDS OF SELENIUM BY DIFFERENTIAL PULSE POLAROGRAPHY (1979) / LIU J C

DESATURATION OF ACYL-COA'S BY MICROSOMES FROM RAT LIVER AND TESTS (1978) / LC S L

(1)H AND (13)C FT NMR INVESTIGATION OF METALATED N,N-DIMETHYLBENZYLAMINES (1978) / DAKES F T

ACETYL-COA AND MALONYL-COA SYNTHETASE IN THE CHLOROPLASTS OF SOYBEAN COTYLEDONS DURING SENESCENCE AND REGREENING (1978) / PLACE M A

ANALYTICAL STUDIES OF SELECTED THIAZINE DYES (1979) / TRUJILLO O I

EFFECT OF UNCOUPLERS ON THE TRANSPORT OF D-XYLOSE BY RHODOTORULA GLUTINIS AND PREPARATION OF MEMBRANE VESICLES (1979) / YOO H

**MIAMI, UNIVERSITY OF**

POLY (2-HYDROXYETHYL METHACRYLATE) AS A BIOMATERIAL FOR URINARY TRACT PROTHESES AND ARTIFICIAL BLADDERS (1978) / MORGAN D L

GAS-PHASE ISOTOPE EFFECT STUDIES OF PROTON ABSTRACTIONS FROM MONODEUTERATED TOLUENES (1978) / VICTORIANO M E

**MICHIGAN TECHNOLOGICAL UNIVERSITY**

A STUDY OF THE THERMAL CONDUCTIVITY OF THE CLATHRATE TETRA-N-BUTYL AMMONIUM FLUORIDE (N-C(4)H(9))(4)NF33H(2)O (1979) / EKEN N

**MIDDLE TENNESSEE STATE UNIVERSITY**

BIOACCUMULATION OF BROMINE BY ORCONECTES PLACIDUS (1979) / CHITWOOD C

THE REACTIONS OF PARA-IODOPHENACYL BROMINE WITH SOME NUCLEOPHILIC REAGENTS IN ABSOLUTE METHANOL (1979) / NASSIPOUR M R

THE REACTIONS OF 4-AMINO-3, 5-DICHLOROPHENACYL BROMIDE WITH SOME NUCLEOPHILIC REAGENTS IN ABSOLUTE MENTHOL (1979) / SALEH S A

**MINNESOTA, UNIVERSITY OF**

EXEGESIS OF BENZYL ETHER OXIDATIONS (1979) / BOYD J W

THE ROLE OF A SOLUBLE PROTEIN IN INTRACELLULAR FATTY ACID ACTIVATION AND TRANSPORT (1979) / DAUM H A

STUDIES ON THE SYNTHESIS, CHARACTERIZATION, AND KINETICS OF DEMETALLATION OF ALPHA, BETA, GAMMA AND TETRA (-SULFOPHENYL) PORPHINEINDIUM (III) (1979) / DITTENHAFFER D R

NMR STUDIES OF GROUP III METAL ALKYL BASE ADDUCTS (1979) / DURHAN E J

A VOLTAMMETRIC STUDY OF SELECTED LIGAND TITRATION WITH LEAD (1979) / GATZ J R

MESSANGER RIBONUCLEIC ACID IN ESCHERICHIA COLI (1979) / HANKE P D

ANODIC STRIPPING VOLTAMMETRY - PLATING POTENTIAL AND HYDROGEN ION DEPENDENCE OF METAL ION-LIGAND TITRATIONS (1979) / HEIKKILA K E

STRUCTURAL STUDIES OF MICROCOCCUS LYSDOEIKTICUS TEICHURONIC ACID ISOLATED FROM THE CELL WALL AND SYNTHESIZED IN VITRO - COMPARISON BY MULTINUCLEAR NMR SPECTROSCOPY AND PERIODATE OXIDATION (1979) / JOHNSON S D

ACETYLATION OF ACETYLENES (1979) / KELNER M J

STUDIES ON THE GENERAL AMINO ACID TRANSPORT SYSTEM OF SACCHAROMYCES CEREVISIAE (1979) / KUIK I R

**MINNESOTA, UNIVERSITY OF  
(CONTINUED)**

ON THE DESIGN AND TESTING OF A NEW  
RHEOGONIOMETER FOR VISCOSITY AND ELASTICITY  
MEASUREMENTS OF BLOOD (1979) / LEARY M C

THE CROTYL ALCOHOL DIANION IN ORGANIC  
SYNTHESIS (1979) / MEYER F K

STUDIES IN CARBON-NMR SPECTROSCOPY OF  
ZEARALENONES (1979) / PATHRE S V

ELECTROCHEMISTRY OF MOLYBDENUM-IMINODIACETIC  
ACID (1979) / RIDER J A

STUDIES OF COMPOUNDS OF THE ZEARALENONE  
SERIES (1979) / ROBISON T S

THE O-5-B-D GALACTOFURANOSYL-CONTAINING  
GLYCOPEPTIDE FROM PENICILLIUM CHARLES  
II - PROTON, CARBON-13, AND PHOSPHORUS-31  
NUCLEAR MAGNETIC RESONANCE STUDIES  
(1979) / UNKEFER C J

COAL RELATED POLYCYCLIC AROMATIC  
HYDROCARBONS AND THEIR AQUEOUS CHLORINATION  
CHEMISTRY (1979) / WELCH K J

QUANTITATIVE ANALYSIS OF SUBMICROGRAM  
QUANTITIES OF SOME METALS BY HPLC  
(1979) / WOOD H

CYCLIC GMP RADIOIMMUNOANALYSIS  
(1979) / YU D H

METABOLISM AND TRANSPORT OF CARNITINE  
PRECURSORS IN VARIOUS ORGANS OF THE RAT  
(1979) / ZASPEL B J

**MISSISSIPPI STATE UNIVERSITY**

RAT HEART MITOCHONDRIAL ADENOSINE  
TRIPHOSPHATASE. L. OLIGOMYCIN-SENSITIVE  
AT PASE, COUPLING FACTOR 1, (F1), EFFECTS OF  
BUFFERS, PH, ANIONS, ZWITTERGENT AND  
INHIBITORS ON ATPASE ACTIVITY. LL. SPECIFIC  
INHIBITORS ON ATPASE ACTIVITY  
(1979) / ABD-EL-FATTAH A S

SYNTHESIS AND <sup>13</sup>C NMR STUDIES OF  
TETRADENTATE LIGANDS AND MONO-SUBSTITUTED  
TRIPHENYLAMINES, TRIPHENYLPHOSPHINES, AND  
TRIPHENYLARSINES (1979) / COLLUM D H

A STUDY OF DEXTRANS USING SIZE EXCLUSION  
CHROMATOGRAPHY AND DYNAMIC LIGHT SCATTERING  
(1979) / PRATRIDGE P H

**MISSISSIPPI, UNIVERSITY OF**

SOME STRUCTURAL AND MAGNETIC PROPERTIES OF  
LI(Y)(X)VF(3) COMPOUNDS  
(1979) / HANSBROUGH J R

PURIFICATION AND CHARACTERISTICS OF  
1,2-DIOXYGENASE FROM MYCOBACTERIUM SMEGMATIS  
(1979) / NORRIS J C

**MISSOURI, UNIVERSITY OF (COLUMBIA)**

A STUDY OF THE SYNTHESIS AND PHYSICAL  
PROPERTIES OF SOME QUATERNARY ALKANES  
(1979) / CHOI B S

AN INDUCTIVELY COUPLED PLASMA OPTICAL  
EMISSION SPECTROMETRIC DETECTOR FOR HIGH  
PERFORMANCE LIQUID CHROMATOGRAPHY  
(1979) / FRALEY D M

RUBPCARBOXYLASE AND NET PHOTOSYNTHESIS IN A  
(CONTINUED)

NATURALLY OCCURRING POLYMEROID SERIES OF  
FESTUCA ARUNDINACEA SCHREB  
(1979) / JOSEPH M C

ELECTROCHEMICAL SULFUR DIOXIDE CONCENTRATION  
(1979) / TOWNLEY D W

**MISSOURI, UNIVERSITY OF (KANSAS CITY)**

DETERMINATION OF THE STABILITY CONSTANTS OF  
CALCIUM, MAGNESIUM, AND ZINC GALLATES BY  
DIVALENT ION SELECTIVE ELECTRODE  
(1979) / CHIEN M H

AN INVESTIGATION INTO THE CORRELATION OF  
MOSSBAUER ISOMER SHIFT AND X-RAY  
PHOTOELECTRON BINDING ENERGIES FOR A SERIES  
OF ORGANO-METALLIC TIN (IV) COMPOUNDS  
(1979) / DORY T S

STUDIES DIRECTED TOWARDS THE ROLE OF  
RIBOTHYIMIDINE IN THE STRUCTURE AND FUNCTION  
OF A RENATURABLE TRANSFER RIBONUCLEIC  
ACID (1979) / HAGGERTY J C

LABELING OF ERYTHROCYTE MEMBRANE PROTEINS BY  
A NEW CATIONIC PHOTOACTIVATED REAGENT  
(1979) / KNUTH M A

OLEFIN ISOMERIZATION CATALYZED BY 3-1,  
1-DIMETHYLLALLYLTRICHLOROSILYLTRICARBONYLIRON  
(II) (1979) / YU Y F

**MISSOURI, UNIVERSITY OF (ROLLA)**

AN INVESTIGATION OF THE EFFECTS INSOLUBLE  
MONOLAYERS HAVE ON THE VAPOR TRANSPORT  
ACROSS THE AIR-WATER INTERFACE  
(1979) / DELGADO E

SOME ASPECTS OF EMULSION STABILITY  
(1978) / MADANI K

**MONTANA STATE UNIVERSITY**

EFFECTS OF ATOMIZATION CHAMBER SIZE ON  
CONSTANT TEMPERATURE FURNACES  
(1979) / HOWELL H R

CHARACTERIZATION OF NON-POLAR COMPOUNDS  
FROM PINUS PONDEROSA NEEDLES CAUSING  
REPRODUCTIVE FAILURE IN MICE DURING EARLY  
GESTATION (1979) / KUBIK Y M

**MONTREAL, UNIVERSITY OF**

ANALYSE PAR SPECTROMETRIE D'EMISSION  
D'ELEMENTS EN TRACES AU NIVEAU DES CHEVEUX  
(1979) / BELLAVANCE M

ETUDE DU CENTRE PHOTOCHIMIQUE DE LA SOUCHE  
G-9 RHODOSPIRILLUM RUBRUM A L'AIDE DE SONDES  
MOLECULAIRES (1979) / BOUCHARD J

SULFATATION DES STEROLS DANS L'APPAREIL  
GENITAL DU HAMSTER MALE  
(1979) / BOUTHILLIER M

APPROCHES DE LA SYNTHESE TOTALE DE LA  
SELAGINE (1979) / CARIGNAN M P

L'APPROCHE DE LA SYNTHESE TOTALE DE LA  
SELAGINE PAR VOIES DE REACTIONS DE  
DIELS-ALDER (1979) / DEZIEL R

ANALYSE DES T-RNA PAR CHROMATOGRAPHIE  
LIQUIDE A HAUTE PRESSION - UTILITE DANS  
L'ANALYSE D'ECHANTILLONS SANGUINS  
(1979) / DION R

**MONTREAL, UNIVERSITY OF  
(CONTINUED)**

SUBSTITUENTS EFFECTS ON THE PHOTOCHEMICAL  
CLEAVAGE OF N-BENZOYL AMINO ALCOHOLS  
(1979) / FANOUS K H

SYNTHESE ET ETUDE CONFORMATIONNELLE D'UN  
COPOLYPEPTIDE ALTERNE (1979) / FERLAND P

LES LATEX DU SBR ET LEUR UTILISATION DANS  
L'INDUSTRIE DU TAPIS (1979) / GAUTHIER C

SOLUBILISATION ET CARACTERISATION DE LA  
STEROIDE SULFATASE DU PLACENTA HUMAIN  
(1979) / GAUTHIER R

ETUDE DE L'ACTION DE LA NEOMYCINE SUR LE  
RIBOSOME BACTERIEN (1979) / GRISE L

DETECTEUR AMPEROMETRIQUE EN CHROMATOGRAPHIE  
LIQUIDE HAUTE PERFORMANCE - APPLICATION A  
L'ANALYSE DES ACIDES BILIAIRES  
(1979) / GUINDON L

ETUDE CONFORMATIONNELLE EN SERIES  
HEPTACYCLIQUES PAR RMN DYNAMIQUE  
(1979) / LABBE S

INFLUENCE DU GENOTYPE BACTERIEN ET DU  
GENOTYPE VIRAL SUR L'INACTIVATION DU PHAGE  
T7 ALKYLE (1979) / LANE D

ETUDE DES CHANGEMENTS DE CONFORMATION DU  
RIBOSOME BACTERIEN INDUIT PAR LA  
STREPTOMYCINE, LA KANAMYCINE ET LA  
GENTAMYCINE (1979) / LANGLAIS J

DETERMINATION DES VALEURS DE DELTA G DEGRES  
PAR R.M.N. (1H) ET (13)C DE QUELQUES DERIVES  
DU BENZOCYCLOHEPTENE SUBSTITUE EN POSITION  
4 ET EN POSITION 5 (1979) / MENARD D

SOLUBILISATION PREFERENTIELLE DES PROTEINES  
DE LA MEMBRANE DE LA BORDURE EN BROUSSE  
D'ENTEROCYTE DE LAPIN PAR LES DETERGENTS ET  
LES AGENTS CHAOTROPIQUES  
(1979) / RIENDEAU D

ETUDE EXPERIMENTALE DE L'ENSEMBLE DES  
PROCESSUS PHOTOPHYSIQUES DE DESACTIVATION DE  
PREMIER ORDRE - APPLICATION A L'EFFET DE  
DEUTERATION CHEZ LE DURENE  
(1979) / RIVEST D

LE CENTRE PHOTOCHEMIE DE RHODOSPIRILLUM  
RUBRUM(G-9)-CARACTERISATION SPECTROSCOPIQUE  
DE LA BACTERIOPHOEPTINE A ET CINETIQUE DE  
RECOMBINAISON DE CHARGES A 77 K  
(1979) / ROBITAILLE A

ETUDE SUR LE DOSAGE DE TRACES DE CADMIUM PAR  
TITRAGES SPECTROPHOTOMETRIQUES ET  
SPECTROFLUORIMETRIQUES (1979) / VIAU C

**MURRAY STATE UNIVERSITY**

INVESTIGATIONS OF AEROSOL INTRODUCTION IN  
ATOMIC ABSORPTION SPECTROSCOPY UTILIZING THE  
PNEUMATIC NEBULIZER, ULTRASONIC NEBULIZER,  
AND ULTRASONIC NEBULIZER WITH DESOLVATION -  
CONDENSATION (1979) / NG K C

CHARACTERIZATION AND QUANTITATIVE PROTEIN  
REMOVAL BY CHEMICAL COAGULATION OF  
INDUSTRIAL WHOLE ANIMAL BLOOD  
(1979) / RATERMANN A L

**NEBRASKA, UNIVERSITY OF**

THE MECHANISMS OF ELIMINATION OF ETHYLENE  
(CONTINUED)

AND HYDROGEN ATOM RANDOMIZATION OF THE  
TETRALIN RADICAL CATION - THE MECHANISMS OF  
ELIMINATION OF C(6)H(6) AND HYDROGEN ATOM  
RANDOMIZATION OF THE 1- AND 2-PHENYLTETRALIN  
RADICAL CATIONS (1979) / ARGHESTANI S M

SULFONYL GROUPS AS LINKING AGENTS FOR  
CHEMICAL MODIFICATION OF TIN OXIDE  
ELECTRODES (1979) / FOSDICK L E

DEVELOPMENT AND COMPARISON OF SIMPLEX  
PATTERN RECOGNITION TECHNIQUES USING MASS  
SPECTRAL DATA AND THE DEVELOPMENT OF TWENTY  
BASE STRUCTURE CLASSIFIERS  
(1979) / BRISSEY G M

MASS SPECTROMETRIC STUDIES OF GREEN RIVER  
SHALE KEROGEN (1979) / INFANTE R

STUDIES RELATING TO THE INTERACTION OF  
TRNA, POLYAMINES AND AMINOACYL-TRNA  
SYNTHETASES (1979) / SINGH S P

IDENTIFICATION OF SEVERAL PHODODEGRADATION  
PRODUCTS OF THE HERBICIDE TRIFLURALIN  
(1979) / SULLIVAN R G

REACTION OF FUNCTIONALLY SUBSTITUTED ALKYL  
BROMIDES WITH BIS(DINITROGEN) BIS (BIS-1,2  
(DIPHENYLPHOSPHINE)ETHANE) MOLYBDENUM  
(1979) / TURCOTTE R L

**NEW BRUNSWICK, UNIVERSITY OF**

PART I - GAS PHASE ION-MOLECULE REACTIONS OF  
ALKYL NITRITES - PART II - DETERMINATION OF  
RELATIVE GAS PHASE ACIDITIES OF FLUORO  
SUBSTITUTED ACETONES BY ION CYCLOTRON  
RESONANCE SPECTROSCOPY (1979) / RAHMAN F M

THE PHITICGENUSTRY IF TRICHLOROETHANE  
PART I. THE PHOTOCHEMICAL DECOMPOSITION OF  
TRICHLOROETHANE. PART II. FLUORESCENCE  
QUENCHING OF BENZENE BY TETRACHLOROMETHANE,  
DICHLOROMETHANE AND TRICHLOROETHANE  
(1978) / ZIA-UL-HAQUE

**NEW HAMPSHIRE, UNIVERSITY OF**

AN ELECTRON PARAMAGNETIC RESONANCE STUDY OF  
MODULE ORVONADIUM (IV) COMPLEXES IN AQUEOUS  
SOLUTION - CORRELATIONS OF MAGNETIC  
PROPERTIES WITH LIGAND TYPE AND METAL  
CHELATE STRUCTURE (1979) / HOLYK N M

IMPROVED DETECTION OF PEROXIDE BY  
PEROXYOXALATE CHEMILUMINESCENCE COUPLED TO  
URIC ACID ANALYSIS (1979) / SCOTT G

**NEW JERSEY INSTITUTE OF TECHNOLOGY**

FLUE GAS DESULFURIZATION - COPRECIPITATION  
OF CA SO(3) AND CA SO(4) IN THE  
REGENERATION STAGE OF THE DOUBLE ALKALI  
PROCESS (1979) / BISHARA N A

THE PREPARATION, SPECTRA, AND CONFORMATIONS  
OF CIS-, CIS-, CIS, TRANS- AND TRANS,  
TRANS-DIPROPENYL ETHERS  
(1979) / HOLLEIN H C

**NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY**

THE SOLUBILIZATION OF HAMSTER LIVER PLASMA  
MEMBRANE ASENULATE CYCLASE  
(1979) / SHEPITKA J S

DEMONSTRATION OF CYCLIC 3', 5-ADENOSINE  
MONOPHOSPHATE PHOSPHODIESTERASE (E.C.3.1.4.  
17) IN TRYPANOSOMA BRUCEI  
(1979) / SPAULDING R K

**NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY  
(CONTINUED)**

URATE OXIDASE - SCME NEW ANALYTICAL  
APPROACHES TO KINETIC STUDIES  
(1979) / WARD J S

**NEW MEXICO STATE UNIVERSITY**

PHOTOOXIDATION REACTIONS OF COPPER (I),  
EUROPIUM (II), AND VANADIUM (II) COMPLEXES  
(1979) / DAVIS C R

GROWTH OF MICROCOCCUS LYSDOEIKTICUS IN  
DEFINED MEDIA AND MEASUREMENTS OF CYCLIC AMP  
IN CULTURES CONTAINING DIFFERENT CARBON  
SOURCES (1978) / DURAN R B

BIOLOGICAL KINETIC MODELING  
(1978) / GOOD N S

**NEW MEXICO, UNIVERSITY OF**

THE ELECTROGENERATED CHEMILUMINESCENCE OF  
TRANS-STILBENE DERIVATIVES  
(1978) / WILSON J R

**NEW YORK, STATE UNIVERSITY OF (ALBANY)**

THE STUDY OF BARRIERS TO ROTATION AND  
INVERSION IN DIARYLMETHYL CARBANIONS AND  
TRIALKYLAMINES (1979) / MARCANTONIO R P

**NEW YORK, STATE UNIVERSITY OF (BUFFALO)**

FLUORESCENCE LABELING OF DICARBOXYLIC ACIDS  
AND PROSTAGLANDINS FOR HPLC SEPARATION  
(1978) / CHASSIN J

THE USE OF HIGH PRESSURE LIQUID  
CHROMATOGRAPHY, GAS CHROMATOGRAPHY AND GAS  
CHROMATOGRAPHY/MASS SPECTROMETRY FOR THE  
SEPARATION AND IDENTIFICATION OF URINARY  
CONSTITUENTS OF PHENYLKETONURIA  
(1978) / CHEN I G

SYNTHESIS OF 5-SELENIUM-SUBSTITUTED  
DERIVATIVES OF URACIL, 2-DEOXYURIDINE AND  
2-DEOXYRIBIDYLIC ACID (1978) / CHOI S

THE METABOLIC PROFILING OF URINARY  
CARBOXYLIC ACIDS IN CONJUNCTION WITH DIRECT  
PROBE INLET MASS SPECTROMETRY  
(1979) / COHEN B

THE EFFECT OF IODINATION ON THE FINE  
SPECIFICITY OF RABBIT ANTI-DNP-ANTIBODIES  
AND PROTEIN 315 (1978) / ILOGU G

MONOMOLECULAR FILM STUDIES OF VARIOUS  
DIGLYCERIDES AT THE AIR-WATER INTERFACE  
(1978) / KOVAL V

MODEL STUDIES OF ALPHA-METHYLENE  
X-BUTYROLACTONE RING SYSTEM IN  
SESQUITERPENES (1978) / LYONS K

APPROACHES DIRECTED TOWARD THE TOTAL  
SYNTHESIS OF ZIZAENE (1978) / MADUSKUIE T

THE FLUOROMETRIC DETECTION OF ALPHA-KETO  
ACIDS IN BIOLOGICAL FLUIDS BY HIGH  
PERFORMANCE LIQUID CHROMATOGRAPHY  
(1978) / PETRIE C

SYNTHETIC APPROACHES TO TRICHOHECAN  
ANTIBIOTICS VIA CYCLIZATION OF CHLOROKETONES  
(1978) / SEELEY R

THE KINETICS OF DISSOLUTION OF FLUORAPATITE  
(1978) / SHAPIRO M

USE OF FACTOR ANALYSIS IN DETERMINING THE  
NUMBER OF COMPONENTS IN OVERLAPPED LC DATA  
(1979) / SPAVINS J C

THE SYNTHESIS AND CHARACTERIZATION OF SOME  
CROWN-ETHER GALLIUM TRICHLORIDE COMPLEXES  
(1979) / VIZINE C

KINETICS OF LIGAND DISSOCIATION FROM  
MONO-SUBSTITUTED CHROMIUM CARBONYL COMPLEXES  
(1978) / WOVKULICH M

**NEW YORK, STATE UNIVERSITY OF (FREDONIA)**

CRYSTAL GROWTH OF CESIUM TIN IODIDE BY GEL  
TECHNIQUE (1979) / ABALLA S Z

VARIOUS PROPERTIES OF PHOSPHOROUS DOPED  
SODIUM TUNGSTEN BRONZES  
(1979) / KOTLARZ T F

CARBON MONOSELENIDE - PHOTOGENERATION AND  
TRAPPING EXPERIMENTS (1979) / PHIRWA S

**NIAGARA UNIVERSITY**

THE SYNTHESIS OF ACRIDINE AND ACRIDINE  
ORANGE ANALOGES AND STUDIES ON THEIR  
INTERACTION WITH NUCLEIC ACIDS  
(1979) / GORROW S E

**NORTH CAROLINA STATE UNIVERSITY**

AN INVESTIGATION OF THE REACTION OF TRIALKYL  
PHOSPHITES WITH HYDROXY ESTERS AND GLYCOLS  
(1979) / CHEN S H

IMMUNOCHEMICAL INVESTIGATION OF THE INCREASE  
OF ACETYLRNITHINE GAMMA-TRANSAMINASE  
ACTIVITY IN THE PRESENCE OF ARGININE AND/OR  
RAFAMPIN (1979) / CLARK G C

QUANTITATIVE ANALYSIS OF ORGANIC SPECIES IN  
SOLUTION BY RAMAN SPECTROSCOPY  
(1979) / GLOD T F

THE EFFECT OF CHRONIC COPPER POISONING ON  
PLENIC IRON METABOLISM IN SHEEP  
(1979) / HUFFMAN D M

NUCLEOSIDASES FROM LEISHMANIA DONOVIANI -  
PYRIMIDINE RIBONUCLEOSIDASE, PURINE  
RIBONUCLEOSIDASE, AND A NOVEL PURINE  
2-DEOXYRIBONUCLEOSIDASE  
(1979) / KOSZALKA G W

CHEMICAL AND SPECTROSCOPIC EXPERIMENTS WITH  
PROTOPORPHYRIN-IX-DIMETHYLESTER AND  
PHOTOPROTOPORPHYRIN-IX-DIMETHYLESTER ISOMERS  
I AND II (1979) / LINN J A

THE USE OF AN ENCAPSULATED FLUORESCENT PROBE  
TO MEASURE INTRACELLULAR P (O2)  
(1979) / PODGORSKI G T

THE SYNTHESIS OF CYTOCHROME P-450 IN  
ISOLATED MOUSE LIVER CELLS DURING EXPOSURE  
TO VARIOUS PARTIAL PRESSURES OF OXYGEN  
(1979) / ROWE H A

THE ISOLATION OF A NATURALLY OCCURRING  
INSECTICIDE FROM THE WILD TOMATO LYCOPERSCON  
HIRSUTUM F GLABRATUM (1979) / WILLIAMS W G

**NORTH CAROLINA, UNIVERSITY OF (CHAPEL HILL)**

STUDIES IN THE CHEMISTRY OF ALPHA  
CARBOXYGLUTAMIC ACID (1979) / HELPERN J A

THE APPLICATION OF DIGITAL DATA PROCESSING  
TO CIRCULAR SPECTRA (1978) / HILTON D C



**NORTH CAROLINA, UNIVERSITY OF (CHAPEL HILL)  
(CONTINUED)**

ELECTROCHEMICAL BEHAVIOR OF CHEMICALLY IMMOBILIZED COBALT TETRA (P-AMINOPHENYL) PORPHYRIN AND COBALT MCND (P-AMINO) TETRAPHENYLPORPHYRIN ON GLASSY CARBON ELECTRODES (1979) / JESTER C P

I. CHARACTERIZATION OF RUTHENIUM OXIDE AS WORKING ELECTRODE IN NON-AQUEOUS SOLVENTS.  
II. CHEMICALLY MODIFIED ELECTRODE RUTHENIUM OXIDE/EN/TETRATHIAFULVALENE (1979) / KUD K

**NORTH CAROLINA, UNIVERSITY OF (GREENSBORO)**

APPLICATIONS OF SOLID STATE ION-SELECTIVE ELECTRODE (1979) / SHOLY J J

**NORTH DAKOTA STATE UNIVERSITY**

REACTIONS OF AMINE SALTS OF WATER SOLUBLE POLYMERS (1978) / CHEN G F

ELECTROCHEMICAL DETECTION IN LIQUID CHROMATOGRAPHY - DETECTOR DEVELOPMENT AND APPLICATION TO CARBAMATE PESTICIDE ANALYSIS (1979) / CHESNEY D J

METABOLISM OF 2,4-DICHLOROPHENOXYACETIC ACID AND 2,5-DICHLORO-4-HYDROXYPHENOXYACETIC ACID IN CARROT PLANTS AND CALLUS TISSUE (1979) / DRINKWINE A D

NEW ROUTES TO PHENALENE, 1-PHENALANONE, AND 2-PHENALANONE (1978) / JOHNSON P D

WATER VAPOR ABSORPTION BY FREE FILMS OF WATER SOLUBLE ACRYLIC COPOLYMERS (1979) / LU D L

PURIFICATION OF EXTRACELLULAR NUCLEASES FROM TOBACCO SUSPENSION CULTURES (1979) / WIESNER T A

**NORTH DAKOTA, UNIVERSITY OF**

INVESTIGATION OF THE CHARGE-TRANSFER PROPERTIES OF THE CHLOROFORM SOLUBLE NEUTRAL FRACTION OF A SOLVENT REFINED LIGNITE (1979) / BASELEY J R

THE CRYSTAL STRUCTURES OF BIS (1, 0-BIS (DIFLUOROBENZENE)) CHROMIUM (0) AND N6-METHYLENEBIS(F-PHENYL) NICKEL (II) (1979) / KOCH F J

ELECTROCHEMICAL REDUCTION OF BENZYL HALIDES - A MECHANISTIC STUDY (1979) / KOCH D A

PULSE POLAROGRAPHIC ANALYSIS - CYANIDE, SULFIDE AND PHENOLS (1979) / LEUNG L K

**NORTH TEXAS STATE UNIVERSITY**

NAD+-DEPENDENT 15-HYDROXYPROSTAGLANDIN DEHYDROGENASE FROM SWINE KIDNEY, CHARACTERIZATION AND KINETIC MECHANISM (1979) / KUNG-CHAO D Y

**NORTHEASTERN LOUISIANA UNIVERSITY**

TROPANYL ALKANOATES AS SUBSTRATES OF ATROPIESTERASE (1979) / CRAIG E C

FIVE POSTMORTEM CONDITIONS COMPARED TO TIME OF DEATH IN WHITETAIL DEER (1979) / MOORE D A

ISOLATION AND CHARACTERIZATION OF EIGHT STRAINS OF CHROMOBACTERIUM SPP (1979) / MORTIMER G I

THE EFFECT OF TEMPERATURE RELATIVE HUMIDITY, AND SUGAR CONTENT ON THE SURVIVAL OF SALMONELLA SEROTYPES IN POULTRY FEEDS (1979) / SKINNER C M

THE EFFECT OF URINARY BLADDER MUCIN ON BACTERIAL ADHERENCE TO THE URINARY BLADDER OF RABBITS (1979) / WIGGINS E M

**NORTHERN ILLINOIS UNIVERSITY**

INITIAL CHARACTERIZATION OF A FACTOR FROM CHO WILD TYPE CELLS CAPABLE OF ACTIVATING THE CHO TSH1 MUTANT LEUCYL-TRNA SYNTHETASE (1979) / CIRULLO R E

INVESTIGATION OF SOME SELECTED FERROIN-TYPE REAGENTS AS FLUOROMETRIC REAGENTS AND DETERMINATION OF ZINC(II) BY CHELATION WITH 2-(4-METHYL-2-PYRIDYL)-5 (6)-PHENYLBENZIMIDAZOLE (1979) / HILLISON T E

ELECTRONIC STRUCTURE AND SPECTRA OF LINEAR DIHALO COMPLEXES OF ND(10) METAL IONS (1979) / KOUTEK M E

REEXAMINATION OF SYNTHESIS OF 4-HYDROXYL 1-AZABICYCLO(0.3.3)-OCTANE AND FORMATION OF SOME DERIVATIVES (1979) / MALOCHA R E

PHOTOARRAY DETECTOR-BASED SCAN SPECTROPHOTOMETRY WITH SPECTRAL DECOMPOSITION (1979) / PAUL S L

PREPARATION OF SUBSTITUED-1,3,5-HEXATRIENES 3-ACETOXY-1,3,5-HEXATRIENE AND 3-METHOXY1,3, 5-HEXATRIENE (1979) / ROBERTS W N

INITIAL CHARACTERIZATION OF NINE AMINOACYL 1-TRNA SYNTHETASES FROM CHO AND A COMPARISON OF THE LEUCYL-T RNA ISCACCEPTOR PROFILE FROM CHO AND CHINESE HAMSTER LIVER (1979) / SCHMIDT P

SYNTHESIS AND ACID-CATALYZED REARRANGEMENTS OF 17B-ACETOXY-4-HYDROXY-4-METHYL-1-OXEOSTRA 2-5(10)-DIENE (1979) / ZYDOWSKY T

**NORTHERN IOWA, UNIVERSITY OF**

THE PRODUCT DISTRIBUTION AND STRUCTURAL ASSIGNMENT OF THE MONOBROMINATION PRODUCTS OF 7-HYDROXY-2, 2,5-TRIMETHYLCYROMAN-4-ONE (1978) / DUTKOWSKI M H

AN INVESTIGATION OF REVERSED PHASE THIN-LAYER CHROMATOGRAPHY FOR THE SEPARATION OF POLYCYCLIC AROMATIC HYDROCARBONS (1979) / GIBSON M V

A STUDY OF THE AQUATION OF TRANS-BROMONITRITOBIS (ETHYLENEDIAMINE) CHROMIUM (III) (1979) / GUERRERO J E

**NORTHERN MICHIGAN UNIVERSITY**

OXIDATION STATES OF IRON IN NATURAL WATERS (1979) / VERVACKE S L

**NORTHWESTERN UNIVERSITY**

THE POLYMERIZATION OF ETHYLENE BY AN ORGANOURANIUM COMPOUND, PRELIMINARY RESULTS (1979) / BERLIN J

NORTHWESTERN UNIVERSITY  
(CONTINUED)

A COMPARISON OF THEORETICAL AND EXPERIMENTAL OXYGEN TRANSFER INTO BLOOD FLOWING THROUGH STATIONARY AND ROTATING HELICALLY-COILED TUBES (1979) / BERMAN J

## NOTRE DAME, UNIVERSITY OF

ORGANIC GROUND-STATE PRIPLET MOLECULES (1979) / KIPHART K

THE FORMATION OF A, A ENOLATE DIANIONS (1979) / O'DONN M L

SYNTHESIS AND STUDY OF SPECIFIC TRIS (HYDROXAMATO) IRON (III) COMPLEXES (1979) / PACHTA J M

## OAKLAND UNIVERSITY

THE INTRAMOLECULAR DIELS-ALDER REACTION, A REVIEW AND STUDY (1979) / BENNETT J N

STUDY OF THE SIDECHEIN CLEAVAGE OF LANOSTEROL AND STIGMASTEROL USING PHASE TRANSFER CATALYSIS (1979) / SCHREINER B A

## OKLAHOMA STATE UNIVERSITY

CONSEQUENCES OF THE MASS SPECTROMETRIC AND INFRARED ANALYSIS OF OILS AND ASPHALTENES FOR THE CHEMISTRY OF COAL LIQUEFACTION (1978) / BENSON P A

DETERMINATION OF FIELD IONIZATION SENSITIVITY COEFFICIENTS AND CHARACTERIZATION OF PETROLEUM SATURATE FRACTIONS BY MASS SPECTROMETRY (1978) / DERRICK M R

PRELIMINARY ISOLATION AND CHARACTERIZATION OF AN ANTIOXIDATIVE COMPONENT OF THE MAILLARD REACTION BETWEEN ARGININE AND XYLOSE (1979) / FOSTER R C

PYRIDINE NUCLEOTIDE BIOSYNTHESIS IN RUMINANT LIVER MITOCHONDRIA (1978) / ROBERTSON L H

PROTEINS ASSOCIATED WITH CAULIFLOWER MOSAIC VIRUS INFECTION AND THEIR INTERCELLULAR LOCATION (1979) / SHOCKEY M W

## OKLAHOMA, UNIVERSITY OF

CENTRAL NERVOUS SYSTEM EFFECTS OF A-METHYL 6-AMINODOPAMINE, 6-AMINODOPAMINE, AND 6-HYDROXYDOPAMINE IN THE MOUSE (1979) / HSI T

NEURONAL MEMBRANE UPTAKE EFFECTS OF SELECTED NEUROTOXINS (1979) / LIU K D

SYNTHESIS OF FLUORESCENT AND PHOSPHORESCENT DERIVATIVES OF URACIL AND THYMINE (1979) / MORTON D W

THE INFRARED AND RAMAN SPECTRA OF CA CO(3) (ARAGONITE) (1979) / WANG E C

## OLD DOMINION UNIVERSITY

PURIFICATION AND COENZYME BINDING SITE STUDIES OF CHICKEN MUSCLES-GLYCEROPHOSPHATE HYDROGENASE (1979) / HOWELL G D

THE DIMERIZATION OF 5.8S RIBOSOMAL RNA (1979) / KUO S C

THE SYNTHESIS AND EVALUATION OF THE POTENTIAL ANTI-TUMOR ACTIVITY IN 1,8-DIAZAFUORENONETHIOSEMICARBAZONE AND RELATED COMPOUNDS (1979) / PRINCIPE A Y

## OREGON STATE UNIVERSITY

THE USE OF STABLE ACTIVABLE TRACER IN HYDROLOGY (1978) / CHICK S W

THE USE OF THE DIELS-ALDER REACTION IN ASYMMETRIC SYNTHESIS (1978) / DEI ROSSI D R

ADDITION OF SUBSTITUTED PHENYLTHIYL RADICALS TO SUBSTITUTED ALPHA-METHYLSTYRENES (1978) / GEERS B N

TERTIARY AMINE COMPLEXES OF COBALT(II) AND NICKEL(II) TRIFLUOROMETHANESULFONATES (1978) / JANSKY M T

THE PHOTOCHEMISTRY OF SOME O-(METHYL CARBAMOYL) OXIMES (1978) / MC CARTHY K D

ELECTROCHEMICAL STUDIES OF LIQUID CHLOROCUPRATES(I) (1978) / SILKEY J R

## OREGON, UNIVERSITY OF

APPLICATION OF COMPUTERIZED RAMAN SPECTROSCOPY TO THE STUDY OF BIOLOGICAL MACROMOLECULES PART I - COMPUTERS IN RAMAN SPECTROSCOPY. PART II - STUDY OF THE BEHAVIOUR OF THE ACTIVE SITE SULFHYDRYL GROUP IN GPDH (1978) / SIREY R L

ELECTRIC DIPOLE MOMENTS OF SULFUR DIOXIDE IN GROUND AND EXCITED VIBRATIONAL STATES (1979) / PATEL D

## OTTAWA, UNIVERSITY OF

USE OF SPENT SULFIDE LIQUOR AS BINDER FOR WOOD COMPOSITE PRODUCTS (1979) / CLAVE L

INFRARED LASER INDUCED PHOTOLYSIS OF ETHYLENE (1978) / CORKUM R

IONIC CHANGES IN BROWN ADIPOSE TISSUE MITOCHONDRIA DURING ACCLIMATION TO COLD IN RATS (1979) / DE GOUFFE M

STUDIES ON THE ROLE OF STEROID CONJUGATES IN TRANSPORT AND METABOLISM (1979) / DOSTALER S M

COMPLEXES HYDRIDO DES GROUPES METALLIQUES FER NITROSYLES (1979) / FORGUES A

LYSOPHOSPHOGLYCERIDE INTERCONVERSIONS IN ESCHERICHIA COLI AND OTHER GRAMNEGATIVE BACTERIA (1979) / FUENTES-INDUSTROZA I

PART I - PHOTOCHEMISTRY AND THERMOCHEMISTRY OF GAMMA-SULTINES. PART II - BETA-LACTAM SYNTHESIS (1979) / HUANG J C

PURIFICATION AND PROPERTIES OF HALO BACTERIUM CUTIRUBRUM L-ALANINE DEHYDROGENASE (1979) / KIM E K

HALOGEN COMPOUNDS OF SELENIUM (II) AND (IV) (1979) / LAHAIE P

VINYL EPOXIDES AND BETA LACTAMS (1977) / LEGAULT R

**OTTAWA, UNIVERSITY OF  
(CONTINUED)**

ROLE OF THE AMINO GROUPS IN THE STRUCTURE AND FUNCTION OF INSULIN (1979) / SHEFFER M

THIOKETONE-METAL CARBONYL CHEMISTRY (1979) / SILAVWE D

**PACIFIC, UNIVERSITY OF THE**

MECHANISM OF PHENYL AZID-1, 2-CYCLONADIENE ADDUCT FORMATION AND ISOMERIZATION OF THIS ADDUCT (1979) / HARRISON I

SYNTHESIS AND RESOLUTION OF ENANTIOMERIC QUARTERNARY AMMONIUM HALIDES (1979) / LEE W

A KINETIC STUDY OF THE BASE CATALYZED RING OPENING OF 9-METHYLCAFFEINE HALIDE AND ITS HOMOLOGS (1979) / REIMER K G

A FOURIER TRANSFORM PROTON MAGNETIC RESONANCE STUDY OF THE MOLECULAR CONFORMATION OF S-ADENOSYL-L-METHIONINE (1979) / STOLOWITZ M L

THE CHARACTERIZATION AND KINETICS OF N-FORMYL-N-METHYLAMINOMETHENYLPENTAAQUO CHROMIUM (III) ION (1979) / WHITE J D

**PENNSYLVANIA STATE UNIVERSITY**

THE AZOCYANIDE FUNCTIONAL GROUP (1979) / AHERN M F

PHOTOACOUSTIC SPECTROSCOPY OF OXYGEN (1979) / ALLBEE D C

EFFECTS OF ADAMANTANE DERIVATIVES ON THE STABILITY AND ASSEMBLY OF BACTERIOPHAGE PM2 (1979) / CHOO S Y

EXCISION REPAIR IN NUCLEAR AND MITOCHONDRIAL DNA OF ULTRAVIOLET LIGHT-IRRADIATED DICTYOSTELIUM DISCOIDEUM (1979) / CLARK J M

AN INVESTIGATION INTO THE POTENTIAL FOR HYDROCARBON SYNTHESIS BY A SUPPORTED RUTHENIUM CARBONYL (1979) / COX R L

MECHANISTIC STUDIES OF RABBIT LIVER FRUCTOSE BIOPHOSPHATASE (1979) / CUNNINGHAM B A

PENTAAMINEHISTIDINERUTHENIUM(III) COMPLEXES AS PROBES OF PROTEIN STRUCTURE (1979) / ERICKSON P M

A STUDY OF THE ELECTRON IMPACT MASS SPECTRA OF SOME N-TRIFLUOROACETYL-N-BUTYL ESTER AMINO ACID DERIVATIVES (1979) / FREYER A J

PURIFICATION AND STEADY STATE KINETICS OF CARBAMOYL PHOSPHATE SYNTHETASE I (1979) / GARRITY M P

DEVELOPMENT OF METHODS FOR USE IN STRUCTURE FUNCTION RELATIONSHIP STUDIES ON CYTOCHROME (1979) / LEDDEN D J

INVESTIGATION OF LANTHANIDE IONS AS LUMINESCENT STRUCTURAL PROBES IN THE CALCIUM-BINDING PROTEIN PARVALBUMIN (1979) / MORSE J L

PROPERTIES OF GLUTAMINE SYNTHETASE FROM CULTURED RAT GLIOMA CELLS (1979) / PISHAK M R

STUDIES ON SOME ENZYMIC INTERCONVERSIONS OF CARBOHYDRATES (1979) / ROMANIC B M

AN ESR ASSAY FOR METAL CHELATION (1979) / WAGNER S J

METHIONINE-80 SEMISYNTHETIC ANALOGS OF CYTOCHROME C (1979) / WASSERMAN G M

PURIFICATION AND PARTIAL CHARACTERIZATION OF THE FORSSMAN-ACTIVE COMPONENT OF BRANHAMELLA CATARRHALIS (1979) / WEBER P C

INTRINSIC DETERMINANTS OF THE CELLULAR RESPONSE TO HIGH LET RADIATION - CELL CYCLE AND NUCLEAR AREA (1979) / WOOD J C

COMPUTER-ASSISTED STUDIES OF STRUCTURE ACTIVITY RELATIONSHIPS OF POLYCYCLIC AROMATIC HYDROCARBON CARCINOGENS (1979) / YUAN M

**PITTSBURG STATE UNIVERSITY**

OXIDIZED COTTON AS A FIBER IN COMPOSITES OF PHENOL-FORMALDEHYDE (1979) / M AKHBARIZADEH M H

A STUDY OF THE REACTION PRODUCTS OF ANHYDROUS COPPER (II) CHLORIDE WITH CYCLOHEXANONE (1979) / MAHMOODI N O

COMPOSITES FROM OXIDIZED CELLULOSE AND POLYETHYLENE PHTHALATE AND POLYETHYLENE TEREPHTHALATE (1979) / MIRZAEI Y R

SEPARATION OF TRIMETHYL BORATE AZEOTROPE VIA GAS CHROMATOGRAPHY (1979) / MORRIS N W

THE IDENTIFICATION OF DERIVATIVES OF ORGANIC COMPOUNDS BY DIFFERENTIAL SCANNING CALORIMETRY (1979) / PENNINGTON M B

**PITTSBURGH, UNIVERSITY OF**

METHODS OF ANALYSIS FOR DETERMINING LONGITUDINAL LOADS ON ELECTRIC TRANSMISSION LINES DUE TO BROKEN WIRES, STATE-OF-THE-ART (1979) / SIDDIQUI F

**PURDUE UNIVERSITY**

PHOTOLUMINESCENCE STUDIES OF A SERIES OF COPPER(II) COMPLEXES (1978) / BUCKNER M T

METAL AMMONIA REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS (1978) / BURKHOLDER E G

STUDIES TOWARD THE SYNTHESIS OF YOHIMBINES, A NOVEL SYNTHETIC APPROACH (1978) / BURLHIS H S

IDENTIFICATION OF CACTUS ALKALOIDS IN PERESKIA BY USE OF FLUORESCAMINE CONJUGATES (1978) / DOETSCH P W

THE ENERGETICS OF COLLISION-INDUCED DISSOCIATIONS USING ANGLE RESOLVED MASS SPECTROMETRY (1979) / FEDOR D M

IN VITRO DEMONSTRATION OF 1, 10 REACTIVITY OF REDUCED MITOMYCIN C IN NEUTRAL AQUEOUS SOLUTION (1979) / KELLER P J

SYNTHESIS OF ERGOLINE ANALOGS FOR BIOLOGICAL EVALUATION (1978) / KELLY E A

PHOTOASSISTED ELECTROLYSIS OF WATER BY FLASH PHOTOYSIS OF A POLYCRYSTALLINE TITANIUM DIOXIDE ELECTRODE (1979) / KUPFER A D

GAS PHASE PHOTODISSOCIATION OF C(7) H(7) + UTILIZING ION CYCLOTRON RESONANCE SPECTROSCOPY (1979) / MC CERRY D A

**PURDUE UNIVERSITY  
(CONTINUED)**

ISOLATION AND CHARACTERIZATION OF  
TRANSAMINASE B FROM ESCHERICHIA COLI K-12  
(1979) / PENG F C

THE ABSORPTION OF INGESTED ETHANOL AND  
SELECTED METABOLIC ALTERNATIONS RESULTING  
FROM THE OXIDATION OF ETHANOL BY ALCOHOL  
DEHYDROGENASE (1979) / SHULTZ J W

THE SYNTHESIS AND SOLVOLYSIS OF ALPHA  
DIMETHYLALLYLDIMETHYL SULFONIUM SALTS  
(1979) / WHITEFLEET J L

**QUEENS UNIVERSITY**

STUDIES ON -1) SIALYLTRANSFERASE ACTIVITY ON  
THE SURFACE OF NORMAL HUMAN FIBROBLASTS  
2) PARTIAL ISOLATION AND CHARACTERIZATION OF  
SIALOGLYCOPOLYMER RICH MATERIAL FROM INTACT  
EHRICH ASCITES CELLS  
(1979) / BLACKMORE J W

STUDIES ON THE EVOLUTION OF ALDEHYDE  
REDUCTASE (1979) / EISEN S

A NEW TOTAL SYNTHESIS OF ACV, A BIOSYNTHETIC  
PRECURSOR OF PENICILLINS AND CEPHALOSPORINS  
(1979) / JOKINEN M G

METHYL GROUP INCORPORATION INTO METHYL  
GLUCOSE LIPOPOLYSACCHARIDE FROM  
MYCOBACTERIUM SMEGMATIS  
(1979) / JORDAN D A

FAT CELL PHOSPHATIDATE PHOSPHATASE -  
CHARACTERIZATION OF THE MICROSOMAL ACTIVITY  
AND EFFECTS OF LIPOLYTIC AGENTS  
(1979) / WONG K H

**REGINA, UNIVERSITY OF**

DISTRIBUTION AND SOLUBILITY CONSTANTS FOR  
PERMANGANATE PHASE TRANSFER REACTIONS  
(1979) / KARAMAN H

KINETICS OF THE OXIDATION OF PHENOLS BY  
POTASSIUM PERMANGANATE  
(1979) / SEBASTIAN C F

A STUDY OF PYRIMIDINE METABOLISM IN MUTANTS  
OF SALMONELLA TYPHIMURIUM RESISTANT TO  
5-FLUOROURACIL OR CONDITIONALLY RESISTANT  
TO 5-FLUOROURACIL (1979) / ZAK V L

**RENSSELAER POLYTECHNIC INSTITUTE**

ASSESSMENT OF COLOR-MEASURING INSTRUMENTS  
FOR OBJECTIVE TEXTILE ACCEPTABILITY JUDGMENT  
(1979) / ALESSI P J

TRIPLET STATES AND PRIMARY PROCESSES IN  
GREEN PLANT PHOTOSYNTHESIS-CHARACTERIZATION  
OF PARAMAGNETIC SPECIES  
(1979) / BONVELL S I

THE PREPARATION OF 1,2,3-TRIAZOLE  
RIBONUCLEOSIDES FOR USE AS POTENTIAL  
ANTITUMOR AND ANTIVIRAL AGENTS  
(1979) / FITZSIMMONS J A

REEVALUATION OF THE CONTAMINANTS IN 99(MO)  
AND 99(M) TC GENERATOR ELUANTS  
(1979) / FRANK A S

PROBLEMS IN GEL PERMEATION CHROMATOGRAPHY OF  
BLOCK COPOLYMERS (1979) / KIM Y S

A DIRECT PROCESS FOR CATALYTIC NITROGEN  
FIXATION (1979) / MC FADDEN J A

DETERMINATION OF GROUND AND EXCITED STATE  
PK(A) VALUES OF SEVERAL NEW RU+2 COMPLEXES  
(1979) / PIACENTE P A

SYNTHESIS AND CHARACTERIZATION OF  
MONOSUBSTITUTED HEMIPORPHYRAZINES  
(1979) / PRATT S L

CHARACTERIZATION OF MEXICAN OBSIDIAN BY  
RADIOISOTOPE-INDUCED, ENERGY DISPERSIVE  
X-RAY FLOURESCENCE (1979) / ROBBIE S B

RING ANNULATIONS WITH THIOCARBONYL YLIDES  
(1979) / SALSBURY R L

THE SYNTHESIS OF RIBOSE NUCLEOSIDES AS  
POTENTIAL ANTIVIRAL AND ANTITUMOR AGENTS  
(1979) / SORCEK R J

GROWTH OF GERMANIUM TELLURIDE SINGLE  
CRYSTALS FROM THE VAPOR PHASE  
(1979) / TORGESEN M N

CRYSTALLIZATION DURING POLYMERIZATION OF A  
COMB LIKE MACROMOLECULE INVOLVING A  
MESOPHASE (1979) / WALSH J P

**RHODE ISLAND, UNIVERSITY OF**

THE IMMOBILIZATION OF CALF INTESTINE  
ADENOSINE DEAMINASE - CHARACTERIZATION AND  
APPLICATION (1979) / LYNCH K M

THE SYNTHESIS, BIOLOGICAL ACTIVITY, AND  
VERSATILITY OF CERTAIN AS-TRIAZINES  
(1979) / MOTOLA N C

ALUMINUM AND MAGNESIUM SEA SALT AEROSOL  
ENRICHMENTS OVER NARRAGANSETT BAY GENERATED  
BY THE BUBBLE INTERFACIAL MICROLAYER SAMPLER  
(1979) / WOODS J

**RICE UNIVERSITY**

DIFFERENTIAL SCANNING CALORIMETRY STUDIES OF  
VARIOUS FLUORINATE PLASTICS  
(1979) / PEDERSON J A

**ST. JOHN S UNIVERSITY**

BUFFER EFFECTS ON UNREASE ACTIVITY  
(1979) / BROWN L

DEVELOPMENT AND APPLICATION OF A NOVEL  
THEINISTOR ENZYME PROBE (TEP) IN THE UREA  
UREASE SYSTEM (1979) / IANNIELLO R M

SYNTHESIS OF SOME 5-NITRO-2-TRIOORGANOTIN  
FUROATES (1979) / WHALEN S M

THE COMPOSITION OF THE SKIN SURFACE LIPIDS  
OF THE GERBIL (1979) / YEUNG D

**SAINT JOSEPH COLLEGE**

REACTIONS OF ISATOIC ANHYDRIDE - THE NOVEL  
SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF  
VARIOUS 3-PYRIDOYL ANTHRANILATES  
(1979) / KOZIK K

**SAINT LOUIS UNIVERSITY**

NUCLEAR MAGNETIC RESONANCE STUDIES OF THE  
PARAMAGNETIC TRIS (DIETHYLENTRIAMINE,  
PRASEODYMIUM (III) COMPLEX ION  
(1979) / LEONELLI J

TROPOLONE AND KOJIC ACID DERIVATIVES IN  
IRON CHELATION (1979) / TSOI E K

## SAN DIEGO STATE UNIVERSITY

CONSISTENCY OF ALCOHOL ABSORPTION IN HUMANS (1978) / CONWAY T L

THE INTROPIC EFFECTS OF APPLIED LENGTH CHANGES UPON CAT PAPILLARY MUSCLE (1978) / COUNTS C R

SOME ENAMINES AND SILYL ENOL ETHERS OF HETRO- AND CARBO- CYCLIC KETONES (1978) / JUAREZ N

AUTOMATED STRIPPING POLAROGRAPHY (1978) / KOUNAVES S P

VISIBLE AND ULTRAVIOLET LIGHT EFFECTS UPON THE MITOCHONDRIAL ATPASE (1977) / KRAWCZYK R E

HYDROLYSIS OF METHYL 2-METHYLCYCLOPENTANECARBOXYLATES (1979) / LINDAHL G R

REACTIONS OF SILANE WITH HYDROXYL AND SILOXANE BRIDGE SITES ON SILICA (1977) / MC COY L E

THERMAL DECOMPOSITION KINETICS OF 3,3,5,5-TETRAMETHYL-1, 2-DIOXOLANE (1978) / MC INNES R K

AN INFRARED SPECTROSCOPIC INVESTIGATION OF REACTIONS OF SILANE WITH SILICA GEL SURFACES (1978) / MOK L W

TRITIATED 17 $\beta$ -ESTRADIOL UPTAKE BY THE BRAIN AND OTHER TISSUES OF SOME TELEOST FISH (1978) / MYERS S F

A MICROWAVE STUDY OF TRICYCLO HEPTAN-3-ONE (1978) / NISHIMOTO H M

ISOLATION OF TRANSVERSE TUBULAR MEMBRANES FROM NORMAL AND DYSTROPHIC MUSCLE (1978) / NIXON C L

EFFECTS OF SODIUM CLOFIBRATE, A HYPOLIPIDEMIC DRUG, ON RAT HEPATOMA CELLS IN TISSUE CULTURE (1977) / RUBY S W

ASPECTS OF THE PHYSIOLOGY AND BIOCHEMISTRY OF THERMAL ADAPTATION IN TWO POPULATIONS OF BARNACLES (1978) / SIXTUS M E

THE EFFECTS OF TRANSIENT OXYGEN AND GLUCOSE DEPRIVATION ON TOTAL PROTEIN SYNTHESIS AND PURINE NUCLEOTIDE LEVELS IN CULTURED FETAL MOUSE HEARTS (1978) / WATSON R K

THE EFFECT OF PHYSOSTIGMINE ON DEFENSE RESPONDING IN THE RAT (1978) / WHITE M A

## SAN FRANCISCO STATE UNIVERSITY

SPECTROSCOPIC STUDIES OF THE TUBULIN-METAL NUCLEOTIDE COMPLEX (1979) / CZUBA B

TRANSPORT OF VITAMIN B12 IN SALMONELLA TYPHIMURIUM (1979) / SMITH C

## SASKATCHEWAN, UNIVERSITY OF (SASKATOON)

A STUDY OF ASPEN LIGNIN HYDROGENOLYSIS PRODUCTS (1979) / NULLORD D J

## SHERBROOKE, UNIVERSITY OF

ETUDE DES CAPACITES CALORIFIQUES ET DES VOLUMES MOLAIRES APPARENTS DE QUELQUES ACIDES AMINES ET PERIDES EN SOLUTIONS AQUEUSES (1979) / BOILEAU J

ELABORATION D'UN PROCEDE DE PRODUCTION D'ALBUMINE A BASE D'ARGILES (1979) / GOSSELIN D

ETUDE DE LA PYRUVATEKINASE DE HALOBACTERIUM CUTIRUBRUM, UNE BACTERIE EXTREME HALOPHILE (1979) / LALIBERTE J F

SPECTROSCOPIE INFRAROUGE A HAUTE RESOLUTION-ENREGISTREMENT ET ANALYSE DES BANDES VIBRATION-ROTATION V(8) DE C(4) H(2) ET V(3) (1979) / LAVIGNE J

INFLUENCE DE LA GEMETRIE DU RESIDU ALCOYLE SUR LES PROPRIETES DE SELS D'ACIDES CARBOXYLIQUES EN MILIEU H(2)O ET D(2)O A 25 DEGREES C (1979) / LAVIGNE Y

ETUDES STRUCTURALES DES PARAPROTEINES PRESENTES CHEZ UN PATIENT ATTEINT DE LA MALADIE DES CHAINES LOURDES (1979) / LAZURE C

ELECTROANALYSE DE COMPLEXES METALLIQUES DANS LES MELANGES EAU-FLUORURE D'HYDROGENE (1979) / LEBLOND F

SYNTHESE DES CARBOXYTHIAZOLO DICETO(2, 5 PIPERAZINE ET DE SES DERIVES DESULFURISES (1979) / LEMIEUX A

INFLUENCE D'UNE CHARGE IONIQUE SUR LES PROPRIETES DE MOLECULES ORGANIQUES EN MILIEU AQUEUX - PROPOSITION D'UNE ECHELLE DE VALEUR IONIQUE POUR LA CAPACITE CALORIFIQUE DES ELECTROLYTES DANS L'EAU A 25 DEGREES C (1979) / MERCIER J C

QUELQUES ASPECTS DE L'ONTOGENESE DE LA FONCTION THYROIDIENNE CHEZ L'EMBRYON DE POULET (1979) / MILETTE F

ETUDE DES PHENOMENES DE SOLVATATION EN MILIEU AQUEUX PAR SPECTROSCOPIE PROCHE INFRAROUGE DIFFERENTIELLE (1978) / PAQUETTE J

UNE ETUDE PHYSICO-CHEMIQUE DES PROPRIETES DE L'AMINANTE CRYSTOLITE (1979) / ROBERGE P

ESSAI DE SYNTHESE DE DIENES DERIVES DE PYRONE-2 ET DE PYRANNYLIDENE-2 (1979) / SAUVE G

MISE AU POINT D'EQUATIONS DEFFERENTIELLES COUPLEES EN THEORIE DES COLLISIONS (1979) / TURCOTTE G

## SHIPPENSBURG STATE COLLEGE

COMPARISON OF POLYAMINE LEVELS IN SINGLE VOID URINE SAMPLES WITH CORRESPONDING TWENTY-FOUR HOUR SAMPLES USING PERMETHYLATED DERIVATIVES AND GC/MS DETECTION (1979) / LONGWAY P A

## SMITH COLLEGE

SYNTHESIS AND CHARACTERIZATION OF (PPN) W (CO) 8H(4) AND (PPN) MO (CO) (4)P (OCH3) I IMPROVED SYNTHESIS OF (PPN) 2 H(2)W (CO) 8 (1979) / SEARS J L

## SOUTH CAROLINA, UNIVERSITY OF

KINETICS OF DISSOCIATION OF SOME CHLORO BRIDGED RUTHENIUM COMPLEXES (1979) / COLE K H

THE EIGENVALUES OF MOLECULAR GRAPHS (1979) / D'AMATO S S

SOUTH CAROLINA, UNIVERSITY OF  
(CONTINUED)

TRIMETHYLSILYL ASSISTED ACETYLENIC  
CYCLIZATIONS (1979) / DESPO A D

SPECTRA AND STRUCTURE OF SOME SILICON  
CONTAINING COMPOUNDS WHICH HAVE ANHARMONIC  
VIBRATIONS (1979) / STREUSAND M J

## SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY

METAL FIDDISSION THROUGH AND ABSORPTION BY  
HUMAN STRATUM CORNEUM (1978) / BROOKS T C

CHLORINATION OF ALUMINOUS MATERIALS TO  
PRODUCE ALUMINUM CHLORIDE  
(1979) / CHEN C S

METAL ION INTERACTION WITH IMMUNOGLOBULIN G  
(IG G) II. PRELIMINARY STUDIES WITH  
ELECTRON PARAMAGNETIC RESONANCE (EPR)  
SPECTROSCOPY AND ULTRAFILTRATION  
(1978) / MEDIN N

NICKEL (II) ION INTERACTION WITH FAMA  
GLOBULIN AND ITS FRACTIONS (IG A, IG G AND  
IG M) I. IDENTIFICATION OF PROTEINS BY  
ELECTROPHORESIS AND PRELIMINARY STUDIES  
WITH COLUMN CHROMATOGRAPHY AND  
ULTRAFILTRATION (1979) / KRUEGER D A

REACTIONS OF SALICYLADEKYDE WITH UREA  
(1978) / MORGAN L A

CHLORINATION OF FLY ASH AND BENTONITE WITH A  
GAS MIXTURE OF SILICON TETRACHLORIDE AND  
CHLORINE (1979) / YUAN P C

## SOUTH DAKOTA STATE UNIVERSITY

A DOPPLER RADAR CONTROLLED TRAFFIC INDICATOR  
(1979) / CARR D L

ENHANCEMENT OF FLAMELESS ATOMIC ABSORPTION  
DETERMINATION OF TELLURIUM IN BOTANICAL  
MATERIALS BY MEANS OF SOLVENT EXTRACTION  
(1979) / JUNG J D

RHODIUM COMPLEX CATALYZED ALCOHOL  
CARBOXYLATION REACTIONS  
(1979) / NOTHNAGEL J B

## SOUTH DAKOTA, UNIVERSITY OF

A STUDY OF THE CHEMISTRY OF (TRIMETHYLAMINE  
BORYL METHYL)-DIMETHYLAMINE. THE  
CHARACTERIZATION OF (TRIMETHYLPHOSPHINE  
BORYL METHYL) DIMETHYLAMINE  
(1979) / BYRNE M J

AN ANALYTICAL PRECEDURE FOR DETERMINING  
TRACE LEVELS OF SELENIUM IN WATER  
(1979) / MOODY W R

REPAIR OF DNA DAMAGED BY METHYL  
METHANESULFONATE IN CHLAMYDOMONAS REINHARDI  
(1979) / SWEET J M

## SOUTH FLORIDA, UNIVERSITY OF

PYRUVAMIDE CARBINOLAMINES - A STUDY OF THE  
ADDUCTS FORMED BETWEEN PYRUVANILIDE AND  
BENZYLAMINE IN APROTIC SOLVENTS  
(1979) / KIRIAKES T C

SYNTHESIS AND CHARACTERIZATION OF NEW  
DIVALENT COORDINATION COMPOUNDS OF PLATINUM  
AND PALLADIUM AS POTENTIAL ANTITUMOR AGENTS  
(1979) / NEPRAS M J

## SOUTHERN ILLINOIS UNIVERSITY

PREDICTED SECONDARY STRUCTURE AND REACTIONS  
OF CROTALUS DURISSUS TERRIFICUS  
PHOSPHOLIPASE A(2) (1979) / ABBOTT P S

TRIFLUOROMETHYL HYPOFLUORITE REACTIONS  
(1979) / CANTRELL G L

AMPLIFICATION AND IDENTIFICATION OF A  
MEMBRANE-BOUND, GLUCOSE-6-PHOSPHATE RECEPTOR  
IN ESCHERICHIA COLI (1979) / FARMER K S

THE EFFECT OF CARBON TETRACHLORIDE AND  
PHENOBARBITAL ON COLLAGEN SYNTHESIS IN CHICK  
EMBRYO CELLS (1979) / FONG C S

HYPOFLUORITE REACTIONS OF AROMATIC IMINES  
(1979) / INGA S D

VISCOSITY OF MAGNESIUM SULFATE AND MAGNESIUM  
CHLORIDE IN SODIUM CHLORIDE SOLUTIONS  
(1979) / KIEL D J

DECOMPOSITION STUDIES OF 3-BROMO  
5-HYDROPEROXY-4, 4-DIMETHYL-CIS-3,  
5-DIPHENYL-4, 5-DIHYDRO-3H-PYRAZOLE  
(1979) / LINDSEY R L

PHOTO-OXIDATION OF AMINES  
(1979) / MADDOX D C

SYNTHESIS AND CONFORMATIONAL ANALYSIS OF  
FUSED-RING 1,2-DIAZETIDINES  
(1979) / MITCHELL J C

## SOUTHERN METHODIST UNIVERSITY

STUDIES OF THE CYCLOBUTADIENE IRON  
TRICARBONYL COMPLEX (1979) / GIST A V

## SOUTHWEST TEXAS STATE UNIVERSITY

NONIONIC SURFACTANT SYNTHESIS AND  
INTERFACIAL TENSION DETERMINATION  
(1979) / CAMPBELL J R

PURIFICATION AND PARTIAL CHARACTERIZATION OF  
ZUCCHINI SQUASH LIPID AMIDE DEHYDROGENASE  
(1979) / PHILLIPS O I

ISOLATION AND PARTIAL CHARACTERIZATION OF A  
TRANSLATIONAL INHIBITOR FROM ALEURITES  
FORDII (1979) / REYNOLDS R A

## SOUTHWESTERN LOUISIANA, UNIVERSITY OF

AN ELECTROCHEMICAL STUDY OF MERCURY(II)  
ACETATE (1979) / ESHRAGHI J

## STANFORD UNIVERSITY

SYNTHETIC ANALOGUES OF THE OXYGEN-BINDING  
HEMOPROTEINS (1979) / DOXSEE K M

SENSITIZED SPIN POLARIZATION OF TRIPLET  
STATES IN A SINGLE CRYSTAL  
(1979) / HAYES K

ATTEMPTED SYNTHESIS OF RUTHNIUM MACROCYCLES  
AND A METHOD FOR DETERMINING THE  
COMPROPORTIONATION CONSTANT  
(1979) / SUTTON P M

## STEVENS INSTITUTE OF TECHNOLOGY

THE SYNTHESIS, STRUCTURE, AND THERMAL  
DECOMPOSITION OF SOME POLYMERIC SCHIFF BASES  
AND RELATED COMPOUNDS (1979) / BELTRAN M

**STEVENS INSTITUTE OF TECHNOLOGY  
(CONTINUED)**

THE EFFECT OF DISPERSED PHASE VISCOSITY ON  
DROP BREAKUP IN AGITATED LIQUID-LIQUID  
SYSTEMS (1979) / CHANG T P

INVESTIGATION OF NATURE OF GEL IN LOW  
DENSITY POLYETHYLENE BLOWN FILM  
(1979) / CHUNG J T

THE USE OF CHITOSAN, A DEACETYLATED CHITIN,  
FOR THE REMOVAL OF TUNGSTATE FROM AQUEOUS  
SOLUTIONS (1979) / CROTTY V J

**TEMPLE UNIVERSITY**

THE EFFECT OF PENICILLIN-G AND TRITON X-100  
ON STREPTOCOCCAL CELLS (1979) / BRUND C B

PURIFICATION OF A BACTERIOCIN FROM  
BACTEROIDES FRAGILIS (1979) / HAYES T J

THE ACTIONS OF DEHYDROEPIANDROSTERONE AND  
ESTRADIOL-17B AS MODIFIERS OF CARCINOGEN  
ACTIVITY IN VITRO (1979) / PERANTONI A O

IMMUNOLOGIC CHARACTERIZATION OF ESCHERICHIA  
COLI COMMON PILI (1979) / WAGNER S E

**TENNESSEE, UNIVERSITY OF (KNOXVILLE)**

ENTRAPMENT OF PROTEINS IN  
PHOSPHATIDYLCHOLINE VESICLES  
(1979) / ADRIAN G L

NMR STUDIES OF HYDROGEN BONDING SYSTEMS AND  
RESULTANT CONFORMATIONAL ATTITUDES  
(1979) / HALL D A

THE SUBSTITUENT EFFECTS OF METHYL,  
CYCLOPROPYL, AND PHENYL AT THE CATIONIC  
CENTER (1979) / MULLINAX G B

MODEL STUDIES OF PYRROLIZIDINE SYNTHESIS  
(1979) / PERCELL K S

THE NICOTINIC ACETYLCHOLINE REGULATOR OF  
TORPEDO CALIFORNICA - PURIFICATION AND  
RECONSTITUTION (1979) / VAJANABUKKA R

**TEXAS A AND M UNIVERSITY**

ELECTROPHORETIC AND PHYSICAL PROPERTIES OF  
N-ACETYL-BETA-O HEXOSAMINIDASE IN NORMAL  
SWINE TISSUES (1979) / BARTON J E

EFFECTS OF PROTEIN DEFICIENCY ON SUPEROXIDE  
DISMUTASE AND IMMUNOLOGICAL COMPETENCE IN  
PERITONEAL MACROPHAGES OF THE GUINEA PIG  
(1979) / BURCH T A

MOLECULAR WEIGHT INDUCED PEAK DOUBLING IN  
LIQUID CHROMATOGRAPHY  
(1980) / FICKLING J M

AN AB INITIO MOLECULAR ORBITAL STUDY OF  
METAL NITROSYL BOND ANGLES IN IRON COMPLEXES  
(1979) / HAWKINS T W

SYNTHESIS OF N-CARBOBENZOXY-L-VALYL-L-VALYL  
4-AMINO-3-HYDROXY-5-METHYLHEXANOIC ACID  
(1980) / HICKS G D

THE PHYSICAL CHARACTERIZATION OF  
DIMETHYLDIOCTADECYLAMMONIUM CHLORIDE  
VESICLES (1979) / KLAHN P L

EFFECT OF THE HEPATOMA GROWTH PERIOD ON HOST  
PLASMA AND LIVER LIPID CONCENTRATIONS  
(1979) / MATOCHA M F

A MODEL FOR THE HYPOLIPIDEMIC EFFECT OF  
CHITOSAN - IN VITRO BINDING OF BILE ACIDS  
AND MIXED MICELLES (1979) / NAUSS J L

THE CATALYTIC REDUCTION OF NITRIC OXIDE WITH  
AMMONIA OVER TETRAAMMINECOPPER(II) COMPLEXES  
(1979) / OATES M D

THE PREPARATION AND CHARACTERIZATION OF  
AQUORUTHENIUM (III) AND TRIS(2,2-BIPYRIDINE)  
RUTHENIUM (II) COMPLEXES IN Y-TYPE ZEOLITE  
(1980) / WAN B Z

THE OXIDATIVE DEHYDROGENATION OF ETHANE WITH  
NITROUS OXIDE BY MOLYBDENUM OXIDE SUPPORTED  
ON SILICA GEL (1979) / YANG T J

CHEMICAL CHARACTERIZATION OF HAIR USING ION  
BEAMS (1979) / YULO M S

**TEXAS CHRISTIAN UNIVERSITY**

CHICK BRAIN SYNAPTIC VESICLES ISOLATION AND  
CHARACTERIZATION (1979) / BENAVIDES I A

RAMAN SPECTROSCOPY OF DILUTE SOLUTIONS OF  
ALKALI METAL IODIDES AND PERCHLORATES IN  
LIQUID AMMONIA (1979) / EVERETT J J

ON THE ACID CATALYZED REACTIONS OF AMMONIA  
BORANE TRIMETHYLAMINE ISOCYANOBORANE  
(1979) / MARRIOTT V B

**TEXAS TECHNOLOGICAL COLLEGE**

ENERGY LINKED REACTIONS IN CHROMATIUM  
VINOSUM (1979) / CARR J W

CYTOGENETICS OF A CENTRIE TRANSPOSITION OF  
POPULATIONS OF HALOPAPPUS GRACILIS  
(1979) / CEQUEA RUIZ H P

RAPID EQUILIBRATION IN PHYSICAL ADSORPTION  
(1979) / CHAMBERS R L

PHYTOGENETIC AND BIOGEOGRAPHIC INFERENCES AS  
DRAWN FROM REPRODUCTIVE ISOLATION WITHIN THE  
CHARA ASPERA DETH. EX WILLD. COMPLEX  
(CHAROPHYTEE) (1979) / CROY C D

ORIENTATION IN VINYL ACTIVATED  
1,2-ELIMINATION REACTIONS  
(1979) / HAINES J C

STUDY OF THE MECHANISMS OF SOME REACTIONS OF  
T-BUTYL BENZENETHIOLSULFINATE  
(1979) / JU T L

REACTIVITY OF NUCLEOPHILES TOWARD AND THE  
SITE OF NUCLEOPHILIC ATTACK ON  
THIOLSULFINATES (1979) / LIU C C

MORPHOLOGICAL AND GENETIC DIVERGENCE IN  
HAPLOPAPPUS RAVENII JACKSON  
(1979) / MATOS J A

SYNTHESIS AND CHARACTERIZATION OF AN  
ORGANOCYCLOTRIARSINETRIOXIDE  
(1979) / MC KERLEY B J

**TEXAS, UNIVERSITY OF (ARLINGTON)**

REACTIONS OF THE PLATINUM METALS WITH  
SULFOXIDES AND SULFINES  
(1979) / BRANUM G D

THERMAL REACTIONS OF THE BENZOTROPYL AND  
1,2,4,5-DIBENZOTROPYL FREE  
RADICALS - GENERATION FROM THEIR RESPECTIVE  
DIMERS (1979) / COMBS G L

**TEXAS, UNIVERSITY OF (ARLINGTON)  
(CONTINUED)**

A STUDY OF SYNTHETIC AND CALORIMETRIC REACTIONS OF IRIIDIUM (I) DIMERIC COMPLEXES (1979) / KHODAPARAST A A

THE CHEMISTRY OF A REACTION OF OCTA-U(3) CHLOROHXAMOLYBDENUM (II) TETRACHLORIDE IN DIMETHY SULFOXIDE WITH ZINC (1979) / YUEN K H

**TEXAS, UNIVERSITY OF (AUSTIN)**

FATTY ACIDS AND HYDROCARBONS OF SELECTED BLUE-GREEN ALGAE (1979) / ANDERSON R K

GEOMETRY AND ROTATION BARRIER OF 2, 3-DIMETHYL-1,3-BUTADIENE BY AB INITIO GRADIENT CALCULATION (1979) / CAREY K K

MNDO STUDY OF 2H, 14N AND 35Cl NUCLEAR QUADRUPOLE COUPLING CONSTANTS (1979) / CHANTRANUPONG L

GENERAL METHODS OF ALKALOID SYNTHESIS (1979) / COLAPRET J A

PURIFICATION AND IMMUNOLOGICAL CHARACTERIZATION OF THE SMOOTH MUSCLE INTERMEDIATE FILAMENT SUBUNIT, DESMIN (1979) / COOLEY L

PROTEIN SYNTHESIS IN CELL-FREE EXTRACTS FROM YEAST (1979) / COORS J K

PEPTIDE MODULATION OF END PRODUCT CONTROL OF AMINO ACID BIOSYNTHESIS (1979) / CULVER C A

APPLICATIONS IN PHOTOACOUSTIC SPECTROSCOPY (1979) / LIGDAY R C

SYNTHESIS AND REACTIONS OF ENDO-3-BIPHENYL 1-4-OXYTRICYCLO (3.2.0.0(2,7)) HEPTAN 6-ONE (1979) / PATEL U S

SOME ASPECTS OF THE CHEMISTRY OF THE IRON TETRACARBONYL DIANION (1979) / RUSS M A

MODEL STUDIES ON THE COAL STRUCTURE BY FRIEDEL-CRAFTS DEALKYLATION (1979) / YONGSKULROTE W

**TEXAS, UNIVERSITY OF (EL PASO)**

INVESTIGATION OF THE ESSENTIAL OILS OF THE PECTIS LONGIPIES (1979) / CHANG G

ATTEMPTED SYNTHESIS OF PERMUTATIONAL ISOMERS (1979) / DAI F Y

ATTEMPTED PHOTOSOLVOLYSIS OF AROMATIC MESYLATES (1979) / HSIEH D M

PHOTOCHEMISTRY OF THE SYSTEM CYCLOPENTADIENYL DICARBONYL IRON-CARBON, SILICON, GERMANIUM, AND TIN (1979) / HUANG H W

PRELIMINARY THERMODYNAMIC STUDIES OF COMPLEXES OF CYCLODEXTRINS (1979) / PARRA ALBARRACIN J M

**TOLEDO, UNIVERSITY OF**

HYDROLYSIS STUDIES ON MOLYBDENUM(V) IN AQUEOUS SOLUTION (1979) / BAHTA A

SULFIDES AND DISULFIDES - THE ATOM DIPOLE (CONTINUED)

INTERACTION MODEL FOR MOLECULAR POLARIZABILITY AND OPTICAL ACTIVITY (1979) / MARPLE R L

**TRENT UNIVERSITY**

APPLICATIONS OF QUADRUPOLE ION STORAGE MASS SPECTROMETRY (1979) / ARMITAGE M A

THE EFFECT OF SUGARS ON THE THERMAL DENATURATION AND COAGULATION OF MILK WHEY PROTEINS (1979) / GARRETT J M

**TUFTS UNIVERSITY**

<sup>31</sup>(P) AND <sup>19</sup>(NMN) STUDIES OF NUCLEOTIDE BINDING TO LACTOBACILLUS (1979) / BECKAGE M J

MECHANISTIC STUDIES OF CHLORINE ACETYLTRANSFERASE CATALYSIS (1979) / CURRIER S F

**UTAH STATE UNIVERSITY**

A UNIFIED RADIOMETRIC ASSAY SYSTEM FOR THE GABA-GLUTAMATE REGULATING ENZYMES (1979) / DINWOODIE R C

FACTORS AFFECTING THE EXTENT OF RACEMIZATION OF PEPTIDE AND PROTEIN BOUND AMINO ACIDS - POSITIONING EFFECT AND KINETIC STUDIES (1979) / SOL B S

**UTAH, UNIVERSITY OF**

STERIC FIELD FLOW FRACTIONATION AS A TOOL FOR THE SIZE CHARACTERIZATION OF CHROMATOGRAPHIC SUPPORTS (1979) / PAV J W

**VANDERBILT UNIVERSITY**

STUDIES OF THE RHENIUM METALLA ACETYLACETONATE CHELATES OF IRON(III), CHROMIUM(III), AND COPPER (II) (1979) / PRESTON I D

ELECTRON SPIN RESONANCE STUDIES OF SOMATOSTATIN-DETERGENT INTERACTION (1979) / WILDER P J

**VICTORIA, UNIVERSITY OF**

THE FORMATION AND REACTIONS OF ADDUCTS FORMED IN THE NITRATION OF P-DIETHYLBENZENE (1979) / THOMPSON R J

THE SYNTHESIS AND PROPERTIES OF A BENZANNELATED DIHYDROPYRENE AND SEVERAL DERIVATIVES (1979) / YAN J S

**VILLANOVA UNIVERSITY**

A STUDY OF THE PARTITIONING PROPERTIES OF PHENOLS BY USE OF SPECTROSCOPY AND GAS CHROMATOGRAPHY (1979) / FULTZ M L

A STUDY OF THE LEAD PHOSPHATE-LEAD EDTA SYSTEM (1979) / MC NALLY M E

**VIRGINIA, UNIVERSITY OF**

AN ESSENTIAL ARGINYL RESIDUE OF LACTATE MONOOXYGENASE (1979) / PETERS R G

PYRUVATE KINASE A STRUCTURAL STUDY USING LITHIUM-7 AND WATER PROTON NUCLEAR MAGNETIC RESONANCE (1979) / VAN DIVENDER J M



## WAKE FOREST UNIVERSITY

APPLICATION OF A NOVEL MICELLAR SOLVENT SYSTEM TO THE REACTION OF THIOLS WITH 5,5-DITHIOBIS(2-NITROBENZOIC ACID) IN THE ANALYTICAL DETERMINATION OF THIOLS (1979) / CONVERY M G

SYNTHESIS, CHARACTERIZATION AND TEMPLATE REACTION MECHANISM OF SOME SUBSTITUTED TETRAIMINE MACROCYCLIC COMPLEXES (1979) / EGGLESTON D S

THE SYNTHESIS AND VIBRATION ANALYSIS OF PENTAFLUOROSULFUR COMPOUNDS (1979) / UHRIG M S

## WASHINGTON STATE UNIVERSITY

THE MAGNETIC PROPERTIES OF BIS BETA ALANINIUM TETRAHALOCUPRATE(II) (1979) / NUMATA M

## WASHINGTON UNIVERSITY

VISCOELASTIC PROPERTIES OF NORMAL AND DISEASED HUMAN RED BLOOD CELL MEMBRANES (1978) / HAMPEL W L

THE PRODUCTION AND CHARACTERIZATION OF LIPID MATRICES CONTAINING DRUGS (1979) / ZOOK K M

## WASHINGTON, UNIVERSITY OF

ELECTRONIC STRUCTURE OF IRON COMPLEXES CONTAINING EXTENDED LIGAND PI SYSTEMS (1979) / LAWTON L M

MECHANISTIC AND SYNTHETIC STUDIES OF SEVERAL THEORETICALLY INTERESTING MOLECULES (1979) / ZALIKOWSKI J A

## WAYNE STATE UNIVERSITY

AN X-RAY CRYSTALLOGRAPHIC STUDY OF DI-(PHI-O-TOLYL)-TETRA-O-TOLYL-DI-ALUMINUM AND TRI(O-TOLYL)-ALUMINUM DIETHYLETHERATE (1979) / BARBER M

AN EXPERIMENTAL AND THEORETICAL STUDY OF THE MECHANISM OF THE EXPOXIDATION OF ALKENES (1979) / BLANCHETTE P E

PART I - REACTIONS OF INDOLES WITH SULFENYL CHLORIDES PART II - DAVIS SYNTHESIS OF SULFENAMIDES WITH AN UNSYMMETRIC DISULFIDE (1979) / CHERN L J

## WEST FLORIDA, UNIVERSITY OF

A STUDY OF THE CHITINASE OF BACILLUS MEGATERIUM (1979) / BENNETT C B

## WEST TEXAS STATE UNIVERSITY

BIOSYNTHESIS OF GLYCOSIDES BY PLANT TISSUES (1979) / LEE T T

VIBRATIONAL ANALYSIS OF SOME BRANCHED-CHAIN ALKYL CHLORIDES (1979) / LIN W Y

## WEST VIRGINIA UNIVERSITY

STUDIES FOR SYNTHESIS OF ACRIDINEMETHANOLS AS POTENTIAL ANTIMALARIALS (1979) / CHAO H

A NEW SYNTHESIS OF BRIDGE-HEAD SUBSTITUTED 3-TROPANOL OF CHOLINERGIC ACTIVITY (1978) / IN Z

THE HYDRODYNAMIC CHARACTERIZATION OF A ROTATING FILTER DISSOLUTION DEVICE (1978) / KHWANGSOPHA A

A CARBON-13 NUCLEAR MAGNETIC RESONANCE STUDY OF SOME N-CYANDIMINES (1978) / LINDLEY M S

KINETIC STUDY OF FLUE GAS DESULFURIZATION BY LIMESTONE (1978) / NESBITT F L

SYNTHESIS OF NEW CYCLIC, CHIRAL KETALS OF THE PYRIDINE SERIES (1978) / SARASWATHI J K

THE CHARACTERIZATION OF AN ELICITOR ISOLATED FROM PHYTOPHthora INFESTANS (1979) / SHIREY R E

## WESTERN CAROLINA UNIVERSITY

SOLVENT AND BASE EFFECTS ON 2-CHLOROCYCLOPENTADIENONE DIMERIZATION (1979) / DUTTON S L

CATENANES (1979) / GRYDER H B

## WESTERN KENTUCKY UNIVERSITY

THE EFFECTS OF BRIDGING LIGANDS ON ANODIC STRIPPING VOLTAMMETRIC ANALYSIS (1979) / BEASLEY L M

KINETIC STUDIES OF POLYMER-BOUND RHODIUM(II) HYDROGENATION CATALYST (1979) / CHOU N Y

SPECTROSCOPIC STUDY OF NI(II)-4,4,4,4-TETRASULFOPHTHALOCYANINE IN AQUEOUS SOLUTION (1979) / JABRA I

ELECTRON TRANSFER REACTIONS OF AN OSMIUM(II) POLYPYRIDYL COMPLEX WITH OXIDIZING AGENTS (1978) / MC CLANAHAN S F

PHOTOCHEMISTRY OF HETEROAROMATIC ANALOGS OF 8-METHYL-8-NITROSTYRENE (1979) / WILLIS D E

## WESTERN MICHIGAN UNIVERSITY

ANALYSIS OF MIXTURES OF CHLORINE, CHLORINE DIOXIDE AND CHLORITE (1979) / CHU Y C

THE ISOLATION, PURIFICATION, AND CHARACTERIZATION OF BACTERIAL ENZYME CATALYZING THE REDUCTIVE CLEAVAGE OF ANTHRACYCLINE GLYCOSIDES (1979) / COLLISON M W

PHOTON COUNTING SYSTEM FOR THE DETERMINATION OF CREATINE PHOSPHOKINASE (1979) / DUEBALL S E

KINETIC STUDY OF THE FORMATION OF MIXED LIGAND COMPLEXES FORMED FROM TRIETHYLENETETRAMINE NICKEL (II) AND BIDENTATE LIGANDS (1979) / LEE B I

FRACTIONATION OF RIBOSOMAL PROTEINS BY AFFINITY CHROMATOGRAPHY (1979) / VICTORIA C E

## WESTERN ONTARIO, UNIVERSITY OF

DISPOSITION OF THE DICARBOXYLATE TRANSPORT COMPONENTS IN THE CELL ENVELOPE OF ESCHERICHIA COLI K12 (1979) / BEWICK M A

WESTERN ONTARIO, UNIVERSITY OF  
(CONTINUED)

HYPOLIPIDEMIC EFFECTS OF NORETHINDRONE  
ACETATE AND OF SOY PROTEIN  
(1979) / CHENG D C

THE EFFECT OF GEL FILTRATION IN HUMAN  
PLATELET RESPONSE TO PARTICULATE COLLAGEN IN  
NORMAL AND URAEMIC INDIVIDUALS  
(1979) / DENNIS B N

PHOTOCHEMISTRY OF SELENOKETONES  
(1979) / FUNG N Y

STUDIES ON PHOSPHATIDYLDYCEROPHOSPHATE  
PHOSPHATASE (1979) / MACDONALD P M

A SPECTROSCOPIC STUDY OF NON-TRANSITION  
METAL PHTHALOCYANINES (1979) / MARTIN K A

STUDIES DIRECTED TOWARD THE SYNTHESIS OF  
1,5-DISCARBOMETHOXY-3,7-DIAZASPIROBULLVALENE  
AND 2,4-DI-T-BUTYLSPIRO (5.5) UNDECA  
1,4,6,9-TETRAEN-3,8-DIONE  
(1979) / NEAVES N M

THE STEREOCHEMISTRY OF THIONE CYCLISATION  
(1979) / PETRASUNIS G

COMPLEXES OF TIN (II) AND LEAD (II) IN NON  
AQUEOUS SOLVENTS (1979) / PHILLIPS D D

STUDIES OF GLYCOGEN AND ITS RELATIONSHIP TO  
TRIGLYCERIDE SECRETION IN THE ISOLATED  
PERFUSED LIVERS OF FED AND FASTED-REFED RATS  
(1979) / SEMPLE D J

## WESTERN WASHINGTON UNIVERSITY

PURIFICATION AND CHARACTERIZATION OF  
DIGESTIVE ENZYMES FROM THE STARFISH PISASTER  
(1979) / BYRNE P L

AN INVESTIGATION OF POLYPHENOLIC COMPOUNDS  
FOUND IN THE NEEDLES OF PICEA ENGLEMANII  
(1979) / PAVIA N J

## WICHITA STATE UNIVERSITY

BOVINE HEPATIC GLUCONOLACTONASE-PURIFICATION  
AND PARTIAL CHARACTERIZATION  
(1979) / BAILEY G D

THE EFFECT OF ULTRASONIC WAVES ON BSA  
FLUORESCENCE (1979) / CAMPBELL D P

KINETIC STUDIES OF GLUCONOLACTONASE  
(1979) / MEHRA A S

MAMMALIAN TRANSFER RNA - ISOLATION AND  
PURIFICATION (1979) / VAKHARIA V N

SYNTHESIS OF THIOCHOLINE CHLORIDE AND A  
BENZODITHIENE (1979) / YU J F

## WINDSOR, UNIVERSITY OF

BEAD REAGENTS FOR MEMBRANE PROTEINS  
(1979) / CHEN L M

CARDIAC ISOENZYMES (1979) / GOODWIN M R

A STRUCTURAL ANALYSIS OF THE WATER PROTONS  
IN A SINGLE CRUSTAL OF ER(C<sub>2</sub>H<sub>5</sub>SO<sub>4</sub>) - 9H<sub>2</sub>O BY  
NMR (1979) / SATO S

SYNTHESIS OF 3-CARBOMETHOXY-2,5-  
DIHYDROTHIOPHENES - DIELS-ALDER REACTIONS  
OF 2-CARBOMETHOXYL-1,3-BUTADIENE  
(1979) / SIELER R A

A THIOLATION REAGENT FOR CELL SURFACE  
CARBOHYDRATE (1979) / WU Y C

## WORCHESTER POLYTECHNIC INSTITUTE

A REACTION SCHEME SUITABLE FOR SYNTHESIZING  
GAMMA-13-TRYPTOPHAN (1978) / WOOD P V

## WRIGHT STATE UNIVERSITY

FACTORS AFFECTING OPEN-PORE POLYURETHANE  
COLUMNS IN LIQUID CHROMATOGRAPHY  
(1979) / AKHTER S M

SYNTHESIS AND HYDROLYSIS OF HYDROGELS  
CONTAINING PENDENT HERBICIDE SUBSTITUENTS  
(1979) / ARAH C O

LIQUID CHROMATOGRAPHY USING OPEN PORE  
POLYURETHANE COLUMNS BASED ON EPON 1001 AND  
MONOUR MR (1979) / CHANG T T

SYNTHESIS AND CHARACTERIZATION OF COBALT  
(II), NICKEL (II), AND COPPER (II) COMPLEXES  
WITH 3,3-BIS(P-X-BENZOYLACETONEIMINATO)  
BUS(TRIMETHYLENE)AMINE LIGANDS  
(1979) / CHEN Y Y

NEGATIVE ION CHEMICAL IONIZATION MASS  
SPECTROMETRY - REACTIONS OF F-ION  
(1979) / CHENG C C

ONE-STEP SYNTHESIS OF METHYLENE SUBSTITUTED  
POLYOXAZOLIDONES (1979) / COLE M C

THE DEVELOPMENT OF HIGH PERFORMANCE LIQUID  
CHROMATOGRAPHY - MASS SPECTROMETRY FOR THE  
ANALYSIS OF POLYCHLORINATED DIBENZO P  
DIOXINS EXCRETED BY THE RAT  
(1979) / ERK S D

THE INITIAL SYNTHESIS AND PARTIAL  
CHARACTERIZATION OF MANGANESE II POLYESTERS  
AND POLYAMINES (1979) / FOSTER V R

SYNTHESIS AND CHARACTERIZATION OF ETHYNYL  
SUBSTITUTED POLYURETHANES AND POLYESTERS  
(1979) / HONG S H

COBALT(II), NICKEL(II), AND COPPER(II)  
COMPLEXES PREPARED FROM PENTADENTATE SCHIFF  
BASE LIGANDS (1979) / MC KINNEY B D

THERMOGRAVIMETRIC-MASS SPECTROSCOPY - A  
METHOD FOR ANALYZING DEGRADATION PRODUCTS OF  
ORGANOMETALLIC POLYMERS  
(1979) / MOLLOY H M

THE EFFECTS OF ENVIRONMENTAL LIGHT HISTORY  
ON LIPID PEROXIDATION IN RAT ROD OUTER  
SEGMENTS (1979) / SWAFFORD T A

INITIAL SYNTHESIS AND PARTIAL  
CHARACTERIZATION OF GROUP IVB METAL  
CONTAINING POLYOXIMES (1979) / TORRE L P

## WYOMING, UNIVERSITY OF

PHOTOLYSIS OF NICOTINAMIDE ADENINE  
DINUCLEOTIDE (NAD) IN AQUEOUS SOLUTION  
(1979) / BINA S

SYNTHESIS AND BIOLOGICAL ACTIVITY OF  
CARNITINE ANALOGS (1979) / DUHR E F

NEW SYNTHESIS IN THE DIAZOCINE SERIES  
(1979) / HOOD G M

## YOUNGSTOWN STATE UNIVERSITY

DETERMINATION OF VANILMANDELIC ACID  
(1979) / ABBOTT L B

DETERMINATION OF THE MAJOR URINARY  
17-KETOSTEROIDS INCLUDING PREGNANEDICL AND  
17-KETOGENIC STEROIDS BY GAS-LIQUID  
CHROMATOGRAPHY (1979) / ISRANGKUN F P

STUDIES OF A CHROMATCGRAPHIC METHOD FOR  
ASSAY OF HUMAN FOLLICLE STIMULATING  
HORMONE (1979) / MARTIN D

EVALUATION OF HIGH PRESSURE LIQUID  
CHROMATOGRAPHY, GAS CHROMATOGRAPHY AND  
FLUDROMETRY FOR QUANTITATION OF URINARY  
FREE CATECHOLAMINES (1979) / MILLER E M