

Erratum to: Materials Data Infrastructure and Materials Informatics

Joanne Hill, Arun Mannodi-Kanakkithodi, Ramamurthy Ramprasad, and Bryce Meredig

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In this chapter, the author has noticed error in the URL's provided. The updated table is as follows:

The updated online version of this chapter can be found at
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Table 9.1 A list of some notable materials-data resources from [13]

Name	URL	Category	Free/non-free
3D Materials Atlas	cosmicweb.mse.iastate.edu/wiki/display/home/Materials+Atlas+Home	3D characterization	Free
AFLOWLIB	afloplib.org	Computational	Free
AIST Research Information Databases	www.aist.go.jp/aist_e/list/database/riodb	General materials data	Free
American Mineralogist Crystal Structure Database	ruff.geo.arizona.edu/AMS/amcsd.php	Minerals	Free
ASM Alloy Center Database	mio.asminternational.org/ac	Alloys	Non-free
ASM Phase Diagrams	www.asminternational.org/AsmEnterprise/APD	Thermodynamics	Non-free
CALPHAD databases (e.g., Thermocalc SGTE)	www.thermocalc.com/products-services/databases/thermodynamic	Thermodynamics	Non-free
Cambridge Crystallographic Data Centre (CCDC)	www.ccdc.cam.ac.uk/pages/Home.aspx	Crystallography	Non-free
CatApp	suncat.stanford.edu/catapp	Catalysts	Free
ChemSpider	www.chemspider.com	Chemical data	Free
CINDAS High-Performance Alloys Database	cindasdata.com/products/hpad	Alloys	Non-free
Citration	citration.com	General materials data	Free
Computational Materials Repository	cmr.fysik.dtu.dk	Computational	Free
<i>CRC Handbook</i>	www.hbcnetbase.com	General materials data	Non-free
CrystMet	cds.dl.ac.uk/cgi-bin/news/disp/crystmet	Crystallography	Non-free
Crystallography Open Database (CoD)	http://www.crystallography.net	Crystallography	Free
DOE Hydrogen Storage Materials Database	www.hydrogenmaterialssearch.govtools.us	Hydrogen storage	Free
Granta CES Selector	www.grantadesign.com/products/ces	General materials data	Non-free
<i>Handbook of Optical Constants of Solids</i> , Palik	N/A	Hard-copy sources	Non-free

Harvard Clean Energy Project	cepdb.molecularspace.org	Computational	Free
Inorganic Crystal Structure Database (ICSD)	cds.dl.ac.uk/cds/datasets/crys/fcsd/flicsd.html	Crystallography	Non-free
International Glass Database System (INTERGLAD)	www.newglass.jp/interglad_n/gaiyo/info_e.html	Glass	Non-free
Knovel	app.knovel.com/web/browse.v	General materials data	Non-free
Matbase	www.matbase.com	General materials data	Free
MatDat	www.matdat.com	General materials data	Non-free
Materials Project	www.materialsproject.org	Computational	Free
MatNavi (NIMS)	mits.nims.go.jp/index_en.html	General materials data	Free
MatWeb	www.matweb.com	General materials data	Free
Mindat	www.mindat.org	Minerals	Free
NanoHUB	nanohub.org	Nanomaterials	Free
Nanomaterial Registry	www.nanomaterialregistry.org	Nanomaterials	Free
NIST Materials Data Repository (DSpace)	materialsdata.nist.gov/dspace/xmlui	General materials data	Free
NIST Interatomic Potentials Repository	www.ctcms.nist.gov/potentials	Computational	Free
NIST Standard Reference Data	www.nist.gov/srd/dblistpdatabases.cfm	General materials data	Non-free
NIST Standard Reference Data	www.nist.gov/srd/online/online.cfm	General materials data	Free
NoMaD	nomad-repository.eu	Computational	Free
Open Knowledge Database of Interatomic Models (Open KIM)	openkim.org	Computational	Free
Open Quantum Materials Database	oqmd.org	Computational	Free

(continued)

Table 9.1 (continued)

Pauling File	paulingfile.com	General materials data	Non-free
<i>Pearson's Handbook: Crystallographic Data</i>	N/A	Hard-copy sources	Non-free
Powder Diffraction File (PDF)	www.icdd.com/products/index.htm	Crystallography	Non-free
PubChem	pubchem.ncbi.nlm.nih.gov	Chemical data	Free
Reaxys	www.elsevier.com/solutions/reaxys	Chemical data	Non-free
SciFinder/ChemAbstracts	scifinder.cas.org	Chemical data	Non-free
SciGlass	www.sciglass.info	Glass	Non-free
SpringerMaterials	materials.springer.com	General materials data	Non-free
<i>Metallurgical Thermochemistry</i> , Kubaschewski	N/A	Hard-copy sources	Non-free
TEDesignLab	www.tedesignlab.org	Thermoelectrics	Free
Total Materia	www.totalmateria.com	General materials data	Non-free
UCSB-MRL thermoelectric database	www.mrl.ucsb.edu:8080/datamine/thermoelectric.jsp	Thermoelectrics	Free