

Bibliography

- Chen Y, Yang K, Shan Y (2012) Forecast method for creep-rupture property of ferritic heat resistant steel used for ultra super-critical thermal power generating units. *Guangdong Electr Pow* 25(4):5–8 (in Chinese)
- Chen Y, Zhao L, Yan W, Wang W, Shan Y, Yang K (2014) High temperature creep rupture of T23 steel used for ultra-supercritical power plant. *Iron Steel* 49(2):55–59 (in Chinese)
- Chen Y, Yan W, Hu P, Shan Y, Yang K (2010) Modeling of creep curve of T91 heat resistant steel by CDM. In: International conference on advanced steels, Guilin, China, 2010
- Chen YX, Yan W, Wang W, Shan YY, Yang K (2012) Constitutive equations of the minimum creep rate for 9%Cr heat resistant steels. *Mater Sci Eng A* 534:649–653
- Hu P, Yan W, Shan Y, Yang K (2009) Slope change on dilation-temperature curve of 9Cr martensitic heat resistant steel. *Heat Treat Met* 34(4):52–55 (in Chinese)
- Hu P, Yan W, Sha W, Wang W, Guo Z, Shan Y, Yang K (2009) Study on Laves phase in an advanced heat-resistant steel. *Front Mater Sci Chin* 3:434–441
- Hu P, Yan W, Deng L, Sha W, Shan Y, Yang K (2010) Nitride-strengthened reduced activation ferritic/martensitic steels. *Fusion Eng Des* 85:1632–1637
- Hu P, Yan W, Sha W, Wang W, Shan Y, Yang K (2011) Microstructure evolution of a 10Cr heat-resistant steel during high temperature creep. *J Mater Sci Technol* 27:344–351
- Hu X, Huang L, Yan W, Wang W, Sha W, Shan Y, Yang K (2013) Evolution of microstructure and changes of mechanical properties of CLAM steel after long-term aging. *Mater Sci Eng A* 586:253–258
- Huang L, Hu X, Yan W, Xiao F, Shan Y, Yang K (2013) Effect of heat treatment processes on microstructure and mechanical properties of ton-scale China low activation martensitic steel. *Atom Energy Sci Technol* 47(z2):412–416 (in Chinese)
- Huang L, Hu X, Yang C, Yan W, Xiao F, Shan Y, Yang K (2013) Influence of thermal aging on microstructure and mechanical properties of CLAM steel. *J Nucl Mater* 443:479–483
- Huang L, Hu X, Yan W, Sha W, Xiao F, Shan Y, Yang K (2014) Laves-phase in the China Low Activation Martensitic steel after long-term creep exposure. *Mater Des* 63:333–335
- Wang W, Yan W, Sha W, Shan Y, Yang K (2012) Microstructural evolution and mechanical properties of short-term thermally exposed 9/12Cr heat-resistant steels. *Metall Mater Trans A* 43A:4113–4122
- Yan W, Hu P, Wang W, Zhao L, Shan Y, Yang K (2009) Effect of yttrium on mechanical properties of 9Cr-2WVTa low active martensite steel. *Chin J Nucl Sci Eng* 29(1):50–55 (in Chinese)
- Yan W, Hu P, Zhao L, Shan Y, Yang K (2009) Heat treatment of a new type heat-resistant steel NF12. *Heat Treat Met* 34(9):59–61 (in Chinese)

- Yan W, Hu P, Deng L, Wang W, Sha W, Shan Y, Yang K (2012) Effect of carbon reduction on the toughness of 9CrWVTaN steels. *Metall Mater Trans A* 43A:1921–1933
- Yan W, Wang W, Shan Y, Yang K (2013) Microstructural stability of 9-12%Cr ferrite/martensite heat-resistant steels. *Front Mater Sci* 7:1–27
- Yang C, Yan W, Wang W, Shan Y, Yang K, Wu Y (2011) Changes of microstructure and mechanical property of the CLAM steel after long term aging at 600 °C. *Acta Metallurgica Sinica* 47:917–920 (in Chinese)
- Yang CG, Yan W, Huang LX, Shan YY, Yang K (2012) Influence of purification on mechanical properties of CLAM steel. In: *Materials science and technology conference and exhibition*, vol 1, Pittsburgh, PA, USA, pp 536–542
- Zhang W, Yan W, Sha W, Wang W, Zhou Q, Shan Y, Yang K (2013) The impact toughness of a nitride-strengthened martensitic heat resistant steel. *Sci China Technol Sci* 55:1858–1862
- Zhang W-F, Sha W, Yan W, Wang W, Shan Y-Y, Yang K (2014) Constitutive modeling, microstructure evolution and processing map for a nitride strengthened heat resistant steel. *J Mater Eng Perform* 23:3042–3050
- Zhang WF, Sha W, Yan W, Wang W, Shan YY, Yang K (2014) Analysis of deformation behavior and workability of advanced 9Cr-Nb-V ferritic heat resistant steels. *Mater Sci Eng A* 604:207–214
- Zhang W-F, Li X-L, Sha W, Yan W, Wang W, Shan Y-Y, Yang K (2014) Hot deformation characteristics of a nitride strengthened martensitic heat resistant steel. *Mater Sci Eng A* 590:199–208
- Zhou M, Zhou Q, Yan W, Wang W, Fan X, Shan Y (2013) Delta-ferrite in the novel high silicon ferritic/martensitic steels. *Iron Steel* 48(5):62–67 (in Chinese)
- Zhou Q, Zhang W, Yan W, Wang W, Sha W, Shan Y, Yang K (2012) Microstructure and mechanical properties of a nitride-strengthened reduced activation ferritic/martensitic steel. *Metall Mater Trans A* 43A:5079–5087
- Zhou Q, Shi Q, Yan W, Wang W, Shan Y, Yang K (2013) Effect of normalizing temperature on mechanical properties of a Si-bearing high chromium martensitic heat resistant steel. *Chin J Mater Res* 27(5):461–468 (in Chinese)
- Zhou Q, Yan W, Wang W, Shan Y, Yang K (2013) Temper embrittlement in Si-bearing high chromium martensitic heat resistant steel. *Atom Energy Sci Technol* 47(z2):406–411 (in Chinese)