

# Xiao-dan Cai

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thermodynamic formulation of a unified multi-mechanism continuum viscoplastic damage model with application to high-Cr steels. International Journal of Plasticity, 2019, 114, 15-39.	8.8	17
2	A three-stage constitutive model for the creep behaviours of high-Cr steels at elevated temperatures. Materials at High Temperatures, 2017, 34, 1-11.	1.0	5
3	A combined fatigue-ductile damage model with optimized parameters for predicting the mechanical response of high-Cr steels at high stress levels. International Journal of Mechanical Sciences, 2019, 161-162, 105053.	6.7	3
4	Effect of holding duration at maximum and minimum stress on creep fatigue interaction of P92 steel. Materials at High Temperatures, 2020, 37, 51-60.	1.0	2
5	Modelling and analyses of the mechanical response of P92 steel in stress-controlled cyclic tensile-loading tests with holding periods. Materials at High Temperatures, 2020, 37, 385-397.	1.0	1