

Zhen Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/833589/publications.pdf>

Version: 2024-02-01

12
papers

198
citations

1307594

7
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure evolution in HR3C austenitic steel during long-term creep at 650Å°C. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 681, 74-84.	5.6	80
2	Low cycle fatigue properties and microstructure of P92 ferritic-martensitic steel at room temperature and 873â€K. Materials Characterization, 2019, 157, 109923.	4.4	32
3	Investigation the effect of precipitating characteristics on the creep behavior of HR3C austenitic steel at 650â€a„f. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 742, 451-463.	5.6	25
4	Preparation, characterization, and tribological properties of silica-nanoparticle-reinforced B-N-co-doped reduced graphene oxide as a multifunctional additive for enhanced lubrication. Friction, 2021, 9, 239-249.	6.4	22
5	Creep damage characteristics and evolution of HR3C austenitic steel during long term creep. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 832, 142432.	5.6	15
6	Correlation between Microstructure and Failure Mechanism of Hyriopsis cumingii Shell Structure. Journal of Bionic Engineering, 2019, 16, 869-881.	5.0	8
7	Nanoindentation creep behaviour and microstructural evolution of long-term crept HR3C austenitic steel. Materials at High Temperatures, 2021, 38, 403-416.	1.0	7
8	Effects of chloride on electrochemical and stress corrosion cracking behavior of 9Cr ferriticâ€martensitic steel. Journal of Iron and Steel Research International, 2020, 27, 719-731.	2.8	5
9	Synthesis, characterization and tribological performance of two novel borate esters containing nitrogen as a multifunctional additive in synthetic ester base oil. Journal of Dispersion Science and Technology, 2020, 41, 1540-1548.	2.4	3
10	Finite Element Analysis and Life Prediction of Pre-stressed Composed Dies in Cold Extrusion Process. Journal of Multiscale Modeling, 0, , 2142001.	1.1	1
11	Experimental and numerical investigation of lowâ€cycle fatigue behavior of 9Cr ferriticâ€martensitic steel at room temperature. Material Design and Processing Communications, 2020, 2, e130.	0.9	0
12	Effect of Hydrogen on Microstructure and Mechanical Behavior of High-Strength Bainitic Steel in Marine Application. Journal of Materials Engineering and Performance, 0, , 1.	2.5	0