

Jian-Ping Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

147
citations

1163117

8
h-index

1281871

11
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20
all docs

20
docs citations

20
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Low velocity impact response of GLARE laminates based on a new efficient implementation of Puck's criterion. <i>Thin-Walled Structures</i> , 2019, 144, 106321.	5.3	22
2	A novel method to extract the equi-biaxial residual stress and mechanical properties of metal materials by continuous spherical indentation test. <i>Materials Research Express</i> , 2019, 6, 036512.	1.6	16
3	Burst Pressure Prediction and Structure Reliability Analysis of Composite Overwrapped Cylinder. <i>Applied Composite Materials</i> , 2018, 25, 1269-1285.	2.5	14
4	Estimation of residual stress of metal material without plastic plateau by using continuous spherical indentation. <i>International Journal of Pressure Vessels and Piping</i> , 2019, 172, 373-378.	2.6	13
5	Estimation of Mechanical Performance, Thermal Stability and Flame Retardancy of High-Impact Polystyrene/Surface-Modified APP/Carboxylic-Functionalized MWCNTs Nanocomposites. <i>Polymers</i> , 2019, 11, 615.	4.5	13
6	Elastoplastic Fracture Analysis of the P91 Steel Welded Joint under Repair Welding Thermal Shock Based on XFEM. <i>Metals</i> , 2020, 10, 1285.	2.3	13
7	Analysis of the Mechanical Properties and Damage Mechanism of Carbon Fiber/Epoxy Composites under UV Aging. <i>Materials</i> , 2022, 15, 2919.	2.9	12
8	Mechanical properties of Fe-based amorphous/crystalline composite: a molecular dynamics simulation and experimental study. <i>Rare Metals</i> , 2021, 40, 2560-2567.	7.1	10
9	Insights into Pyrolysis of Nano-Polystyrene Particles: Thermochemical Behaviors and Kinetics Analysis. <i>Journal of Thermal Science</i> , 2019, 28, 763-771.	1.9	7
10	Effects of martensitic transformation on residual stress of P91 welded joint. <i>Materials Research Express</i> , 2018, 5, 096528.	1.6	6
11	Fracture Toughness Calculation Method Amendment of the Dissimilar Steel Welded Joint Based on 3D XFEM. <i>Metals</i> , 2019, 9, 509.	2.3	5
12	Effect of heat treatment on cyclic deformation properties of Fe-26Mn-10Al-C steel. <i>Journal of Iron and Steel Research International</i> , 2019, 26, 200-210.	2.8	4
13	Experimental Research and Numerical Simulation of Weld Repair with High Energy Spark Deposition Method. <i>Metals</i> , 2020, 10, 980.	2.3	3
14	Molecular simulations and critical pH studies for the interactions between 2-phosphonobutane-1,2,4-tricarboxylic acid and calcite surfaces in circular cooling water systems. <i>Desalination and Water Treatment</i> , 2016, 57, 2152-2158.	1.0	2
15	Optimized welding process of residual stress control of P91 steel considering martensitic transformation. <i>International Journal of Pressure Vessels and Piping</i> , 2021, 194, 104517.	2.6	2
16	Single-ply elastic properties determination in CFRP laminates using a combined ultrasonic method. <i>Journal of Intelligent Material Systems and Structures</i> , 2022, 33, 2604-2615.	2.5	2
17	Risk-Based Inspection Analysis for High-Pressure Hydrogenation Cracking Unit. <i>Journal of Pressure Vessel Technology</i> , <i>Transactions of the ASME</i> , 2009, 131, .	0.6	1
18	Estimation of residual stress of metal material with yield plateau by continuous spherical indentation method. <i>Materials Research Express</i> , 2020, 7, 036537.	1.6	1

#	ARTICLE	IF	CITATIONS
19	Design of Schottky barriers in ZnO/TiC interface and its application in high sensitivity detection of aniline. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 458-467.	2.2	1
20	Capacity Analysis and Safety Assessment of Polyethylene Pipeline With Local Wall-Thinning Defect. <i>Journal of Pressure Vessel Technology, Transactions of the ASME</i> , 2015, 137, .	0.6	0