

Tao Huang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

143
citations

1478505

6
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of heat treatment process on the microstructure of the interface of Ti/Al laminated composite. <i>Composite Interfaces</i> , 2022, 29, 749-764.	2.3	3
2	In-Situ Synthesis and Characterizations of a Novel Aluminum Bronze Composite Reinforced with Micro-Size Tungsten Particles. <i>Jom</i> , 2022, 74, 4146-4153.	1.9	2
3	Research Progress of Alumina-Forming Austenitic Stainless Steels: A Review. <i>Materials</i> , 2022, 15, 3515.	2.9	12
4	Improved forming accuracy through controlling localized sheet metal deformation in the friction-assisted stretch bending process. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 116, 3635-3650.	3.0	3
5	<i>In-situ</i> observation of crack evolution in Ti/Al laminated composite. <i>Composite Interfaces</i> , 2020, 27, 435-448.	2.3	17
6	Microstructure and corrosion behaviors of AZ63 magnesium alloy fabricated by accumulative roll bonding process. <i>Materials Research Express</i> , 2020, 7, 066525.	1.6	12
7	Microstructure and fracture mechanism of Ti/Al layered composite fabricated by explosive welding. <i>Vacuum</i> , 2020, 181, 109596.	3.5	39
8	Hot Workability of Ultra-Supercritical Rotor Steel Using a 3-D Processing Map Based on the Dynamic Material Model. <i>Materials</i> , 2020, 13, 4118.	2.9	4
9	Influence of the Anisotropy on the Microstructure and Mechanical Properties of Ti/Al Laminated Composites. <i>Materials</i> , 2020, 13, 3556.	2.9	13
10	Review on the damage behavior of metal laminated composite. <i>Materials Research Express</i> , 2020, 7, 112002.	1.6	5
11	Wall Thinning Characteristics of Ti-3Al-2.5V Tube in Numerical Control Bending Process. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2019, 24, 647-653.	0.9	5
12	Establishment of Constitutive Relationships for Laminated Composites Considering the Variation of the Microhardness with the Strain in the Heterostructure Layers and Bonding Regions. <i>Jom</i> , 2019, 71, 3962-3970.	1.9	6
13	Forming Limit Stress Diagram Prediction of Pure Titanium Sheet Based on GTN Model. <i>Materials</i> , 2019, 12, 1783.	2.9	10
14	Dynamic Recrystallization Simulation for X12 Alloy Steel by CA Method Based on Modified L-J Dislocation Density Model. <i>Metals</i> , 2019, 9, 1291.	2.3	4
15	Determination of process parameters for the NC bending of a TA18 tube. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 68, 663-672.	3.0	6
16	Increased sheet-forming capability via controlling in-plane stress state of the sheet metal using hetero-structured flexible dies. <i>International Journal of Advanced Manufacturing Technology</i> , 0, , 1.	3.0	2