

Tao Huang

List of Publications by Year in descending order

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papers

143
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1478505

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1199594

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16
all docs

16
docs citations

16
times ranked

97
citing authors

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