

Mei-Ni Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

186
citations

1307594

7
h-index

1125743

13
g-index

22
all docs

22
docs citations

22
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Based on Genetic Algorithm to Analyze the Anti-Penetration Properties and Optimize the Structure of Ti-Al ₃ Ti-Al Laminated Composites. <i>Frontiers in Materials</i> , 2022, 9, .	2.4	0
2	Study on SPF/DB Technology for Two-Sheet Hollow Structure of 1420 Al-Li Alloy. <i>Metals</i> , 2022, 12, 389.	2.3	3
3	A First-Principle Study of Interactions between Magnesium and Metal-Atom-Doped Graphene. <i>Nanomaterials</i> , 2022, 12, 834.	4.1	5
4	The Motion Controller Based on Neural Network S-Plane Model for Fixed-Wing UAVs. <i>IEEE Access</i> , 2021, 9, 93927-93936.	4.2	5
5	First-principles study of the Ti/Al ₃ Ti interfacial properties. <i>Applied Surface Science</i> , 2021, 544, 148960.	6.1	25
6	Dynamic Mechanical Properties of Ti-Al ₃ Ti-Al Laminated Composites: Experimental and Numerical Investigation. <i>Metals</i> , 2021, 11, 1489.	2.3	3
7	Hydrothermal Synthesis of Mesoporous Urchin-like Co-Ni-Fe Ternary Hydroxide Nanoneedles on Ni Foam for Electrochemical Applications. <i>ChemElectroChem</i> , 2021, 8, 4261.	3.4	3
8	Effects of ductile Al on the anti-penetration performance of the Ti-Al ₃ Ti Laminated Composites. <i>Results in Physics</i> , 2020, 18, 103308.	4.1	9
9	EBSD investigation on the interface microstructure evolution of Ti-Al ₃ Ti laminated composites during the preparation process. <i>Materials Characterization</i> , 2020, 165, 110374.	4.4	31
10	Ballistic limit velocity of tungsten alloy spherical fragment penetrating Ti/Al ₃ Ti-laminated composite target plates. <i>Advanced Composites Letters</i> , 2020, 29, 2633366X2092224.	1.3	2
11	Evaluation of the compressive and anti-penetration properties of Ti/Al ₃ Ti-Al laminated composites. <i>Advanced Composites Letters</i> , 2020, 29, 2633366X2092187.	1.3	9
12	Robust H_{∞} /S-plane Controller of Longitudinal Control for UAVs. <i>IEEE Access</i> , 2019, 7, 91367-91374.	4.2	9
13	Finite element analysis of thermal stresses in Ti-Al ₃ Ti metal-intermetallic laminated composites. <i>Results in Physics</i> , 2019, 15, 102706.	4.1	17
14	Numerical study the effects of defects on the anti-penetration performance of Ti ₆ Al ₄ V-Al ₃ Ti Laminated Composites. <i>Materials Research Express</i> , 2019, 6, 0865f8.	1.6	5
15	Cyclic thermal shock behaviours of ZrB ₂ -SiC ultra-high temperature ceramics joints bonded with Ni interlayer. <i>Journal of Alloys and Compounds</i> , 2019, 793, 49-55.	5.5	11
16	Efficient ROM Method for Calculating Blade Aerodynamic Forces to Upstream and Downstream Perturbations. <i>Journal of Aerospace Engineering</i> , 2019, 32, .	1.4	4
17	Underwater terrain-aided navigation method based on improved Gaussian sum particle filtering. <i>International Journal of Advanced Robotic Systems</i> , 2019, 16, 172988141882157.	2.1	3
18	An aerodynamic ROM of the blade subjected to wake based on Fourier method for flow. <i>International Journal for Numerical Methods in Fluids</i> , 2019, 89, 162-179.	1.6	4

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19	Cyclic Ablation Behaviors of ZrB ₂ -SiC Composites Sintered with Nano-Sized Particles. <i>Advanced Engineering Materials</i> , 2018, 20, 1800551.	3.5	10
20	Simulation and Optimization of Throttle Flowmeter with Inner-Outer Tube Element. <i>Measurement Science Review</i> , 2017, 17, 68-75.	1.0	5
21	Evaluation of Interfacial Normal Bond Strength in Titanium Matrix Composites Using Cruciform Specimen. <i>Rare Metal Materials and Engineering</i> , 2008, 37, 2104-2108.	0.8	8
22	Evaluation of interface fracture toughness in SiC fiber reinforced titanium matrix composite. <i>Transactions of Nonferrous Metals Society of China</i> , 2008, 18, 925-929.	4.2	15