

Mei-Ni Yuan

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | First-principles study of the Ti/Al ₃ Ti interfacial properties. <i>Applied Surface Science</i> , 2021, 544, 148960. | 6.1 | 25 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Cyclic Ablation Behaviors of ZrB ₂ -SiC Composites Sintered with Nano-Sized Particles. <i>Advanced Engineering Materials</i> , 2018, 20, 1800551. | 3.5 | 10 |
| 7 | Robust H_{∞} -plane Controller of Longitudinal Control for UAVs. <i>IEEE Access</i> , 2019, 7, 91367-91374. | 4.2 | 9 |
| 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 | 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 |
| 10 | 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 |
| 11 | Simulation and Optimization of Throttle Flowmeter with Inner-Outer Tube Element. <i>Measurement Science Review</i> , 2017, 17, 68-75. | 1.0 | 5 |
| 12 | 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 |
| 13 | 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 |
| 14 | A First-Principle Study of Interactions between Magnesium and Metal-Atom-Doped Graphene. <i>Nanomaterials</i> , 2022, 12, 834. | 4.1 | 5 |
| 15 | Efficient ROM Method for Calculating Blade Aerodynamic Forces to Upstream and Downstream Perturbations. <i>Journal of Aerospace Engineering</i> , 2019, 32, . | 1.4 | 4 |
| 16 | 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 |
| 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 | Dynamic Mechanical Properties of Ti-Al ₃ Ti-Al Laminated Composites: Experimental and Numerical Investigation. <i>Metals</i> , 2021, 11, 1489. | 2.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Hydrothermal Synthesis of Mesoporous Urchin-like Co ²⁺ Ni ²⁺ Fe Ternary Hydroxide Nanoneedles on Ni Foam for Electrochemical Applications. ChemElectroChem, 2021, 8, 4261. | 3.4 | 3 |
| 20 | Study on SPF/DB Technology for Two-Sheet Hollow Structure of 1420 Al-Li Alloy. Metals, 2022, 12, 389. | 2.3 | 3 |
| 21 | Ballistic limit velocity of tungsten alloy spherical fragment penetrating Ti/Al ₃ Ti-laminated composite target plates. Advanced Composites Letters, 2020, 29, 2633366X2092224. | 1.3 | 2 |
| 22 | Based on Genetic Algorithm to Analyze the Anti-Penetration Properties and Optimize the Structure of Ti-Al ₃ Ti-Al Laminated Composites. Frontiers in Materials, 2022, 9, . | 2.4 | 0 |