

Tingting Song

List of Publications by Year in descending order

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22
papers

586
citations

686830

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678
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Selective electron beam manufactured Ti-6Al-4V lattice structures for orthopedic implant applications: Current status and outstanding challenges. <i>Current Opinion in Solid State and Materials Science</i> , 2018, 22, 75-99. | 5.6 | 165 |
| 2 | Zirconium Alloys for Orthopaedic and Dental Applications. <i>Advanced Engineering Materials</i> , 2018, 20, 1800207. | 1.6 | 71 |
| 3 | Non-isothermal crystallization kinetics of FeZrB amorphous alloy. <i>Thermochimica Acta</i> , 2011, 522, 166-172. | 1.2 | 53 |
| 4 | Dealloying behavior of rapidly solidified Al-Ag alloys to prepare nanoporous Ag in inorganic and organic acidic media. <i>CrystEngComm</i> , 2011, 13, 7058. | 1.3 | 45 |
| 5 | Ultra-low cost Ti powder for selective laser melting additive manufacturing and superior mechanical properties associated. <i>Opto-Electronic Advances</i> , 2019, 2, 18002801-18002808. | 6.4 | 38 |
| 6 | Strength-ductility improvement of extruded Ti(N) materials using pure Ti powder with high nitrogen solution. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 779, 139136. | 2.6 | 29 |
| 7 | Microstructure and phase evolution during the dealloying of bi-phase Al-Ag alloy. <i>Corrosion Science</i> , 2013, 68, 256-262. | 3.0 | 27 |
| 8 | Dealloyed Fe ₃ O ₄ octahedra as anode material for lithium-ion batteries with stable and high electrochemical performance. <i>Journal of Alloys and Compounds</i> , 2014, 617, 787-791. | 2.8 | 25 |
| 9 | Influence of magnetic field on dealloying of Al-25Ag alloy and formation of nanoporous Ag. <i>CrystEngComm</i> , 2012, 14, 3694. | 1.3 | 24 |
| 10 | Recent Advances in the Design and Fabrication of Strong and Ductile (Tensile) Titanium Metal Matrix Composites. <i>Advanced Engineering Materials</i> , 2019, 21, 1801331. | 1.6 | 24 |
| 11 | Tensile properties improvement by homogenized nitrogen solid solution strengthening of commercially pure titanium through powder metallurgy process. <i>Materials Characterization</i> , 2020, 170, 110700. | 1.9 | 22 |
| 12 | A dealloying approach to synthesizing micro-sized porous tin (Sn) from immiscible alloy systems for potential lithium-ion battery anode applications. <i>Journal of Porous Materials</i> , 2015, 22, 713-719. | 1.3 | 15 |
| 13 | Regular Fe ₃ O ₄ octahedrons with excellent soft magnetic properties prepared by dealloying technique. <i>Journal of Alloys and Compounds</i> , 2014, 585, 580-586. | 2.8 | 14 |
| 14 | In-situ and ex-situ synchrotron X-ray diffraction studies of microstructural length scale controlled dealloying. <i>Acta Materialia</i> , 2019, 168, 376-392. | 3.8 | 13 |
| 15 | Observation of the solidification microstructure of Sn _{3.5} Ag droplets prepared by CDCA technique. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 2221-2228. | 1.1 | 7 |
| 16 | Paving the way to Fe ₃ O ₄ nano- and microoctahedra by dealloying Al-Fe binary alloys. <i>Materials Characterization</i> , 2019, 156, 109869. | 1.9 | 5 |
| 17 | Development of core-shell-structured Ti(N) powders for additive manufacturing and comparison of tensile properties of the additively manufactured and spark-plasma-sintered Ti-N alloys. <i>Advanced Powder Technology</i> , 2021, 32, 2379-2389. | 2.0 | 4 |
| 18 | Architected hierarchical porous metals enabled by additive manufacturing. <i>Australian Journal of Mechanical Engineering</i> , 2021, 19, 669-679. | 1.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Additively manufactured titanium artworks. , 2019, , 173-184. | | 1 |
| 20 | Characteristics of Titanium Powder with Nitrogen and Mechanical Properties of Its Additive Manufactured Materials. Journal of Smart Processing, 2019, 8, 95-101. | 0.0 | 1 |
| 21 | Titanium springs and fasteners. , 2019, , 297-319. | | 0 |
| 22 | Influence of Magnetic Field on Dealloying of Al-15Fe Ribbons and Formation of Fe ₃ O ₄ Octahedra. , 2015, , 241-248. | | 0 |