

# Tingting Song

## List of Publications by Year in descending order

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22  
papers

586  
citations

686830

13  
h-index

794141

19  
g-index

26  
all docs

26  
docs citations

26  
times ranked

678  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Architected hierarchical porous metals enabled by additive manufacturing. <i>Australian Journal of Mechanical Engineering</i> , 2021, 19, 669-679.	1.5	3
3	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
4	Strength-ductility improvement of extruded Ti-(N) materials using pure Ti powder with high nitrogen solution. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 779, 139136.	2.6	29
5	Paving the way to Fe <sub>3</sub> O <sub>4</sub> nano- and microoctahedra by dealloying Al-Fe binary alloys. <i>Materials Characterization</i> , 2019, 156, 109869.	1.9	5
6	Titanium springs and fasteners. , 2019, , 297-319.		0
7	Additively manufactured titanium artworks. , 2019, , 173-184.		1
8	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
9	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
10	Characteristics of Titanium Powder with Nitrogen and Mechanical Properties of Its Additive Manufactured Materials. <i>Journal of Smart Processing</i> , 2019, 8, 95-101.	0.0	1
11	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
12	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
13	Zirconium Alloys for Orthopaedic and Dental Applications. <i>Advanced Engineering Materials</i> , 2018, 20, 1800207.	1.6	71
14	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
15	Influence of Magnetic Field on Dealloying of Al-15Fe Ribbons and Formation of Fe <sub>3</sub> O <sub>4</sub> Octahedra. , 2015, , 241-248.		0
16	Regular Fe <sub>3</sub> O <sub>4</sub> octahedrons with excellent soft magnetic properties prepared by dealloying technique. <i>Journal of Alloys and Compounds</i> , 2014, 585, 580-586.	2.8	14
17	Dealloyed Fe <sub>3</sub> O <sub>4</sub> 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
18	Microstructure and phase evolution during the dealloying of bi-phase Al-Ag alloy. <i>Corrosion Science</i> , 2013, 68, 256-262.	3.0	27

#	ARTICLE	IF	CITATIONS
19	Influence of magnetic field on dealloying of Al-25Ag alloy and formation of nanoporous Ag. CrystEngComm, 2012, 14, 3694.	1.3	24
20	Observation of the solidification microstructure of Sn3.5Ag droplets prepared by CDCA technique. Journal of Materials Science: Materials in Electronics, 2012, 23, 2221-2228.	1.1	7
21	Dealloying behavior of rapidly solidified Al-Ag alloys to prepare nanoporous Ag in inorganic and organic acidic media. CrystEngComm, 2011, 13, 7058.	1.3	45
22	Non-isothermal crystallization kinetics of FeZrB amorphous alloy. Thermochemica Acta, 2011, 522, 166-172.	1.2	53