

# T Bhattacharjee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11654239/publications.pdf>

Version: 2024-02-01

12  
papers

1,244  
citations

840776

11  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

809  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafine-Grained AlCoCrFeNi <sub>2.1</sub> Eutectic High-Entropy Alloy. <i>Materials Research Letters</i> , 2016, 4, 174-179.	8.7	296
2	Tailoring nanostructures and mechanical properties of AlCoCrFeNi <sub>2.1</sub> eutectic high entropy alloy using thermo-mechanical processing. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 675, 99-109.	5.6	252
3	Simultaneous Strength-Ductility Enhancement of a Nano-Lamellar AlCoCrFeNi <sub>2.1</sub> Eutectic High Entropy Alloy by Cryo-Rolling and Annealing. <i>Scientific Reports</i> , 2018, 8, 3276.	3.3	209
4	Cold-rolling and recrystallization textures of a nano-lamellar AlCoCrFeNi <sub>2.1</sub> eutectic high entropy alloy. <i>Intermetallics</i> , 2017, 84, 42-51.	3.9	102
5	High strength and formable Mg <sub>6.2</sub> Zn <sub>0.5</sub> Zr <sub>0.2</sub> Ca alloy sheet processed by twin roll casting. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 609, 154-160.	5.6	67
6	Nanostructuring with Structural-Compositional Dual Heterogeneities Enhances Strength-Ductility Synergy in Eutectic High Entropy Alloy. <i>Scientific Reports</i> , 2019, 9, 11505.	3.3	67
7	Severe plastic deformation driven nanostructure and phase evolution in a Al <sub>0.5</sub> CoCrFeMnNi dual phase high entropy alloy. <i>Intermetallics</i> , 2017, 91, 150-157.	3.9	63
8	Effect of Zr addition on the precipitation in Mg <sub>6.2</sub> Zn-based alloy. <i>Scripta Materialia</i> , 2012, 67, 967-970.	5.2	60
9	Effect of microalloyed Zr on the extruded microstructure of Mg <sub>6.2</sub> Zn-based alloys. <i>Scripta Materialia</i> , 2014, 90-91, 37-40.	5.2	54
10	The effect of Ag and Ca additions on the age hardening response of Mg <sub>6.2</sub> Zn alloys. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 575, 231-240.	5.6	46
11	Effect of severe cold-rolling and annealing on microstructure and mechanical properties of AlCoCrFeNi <sub>2.1</sub> eutectic high entropy alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 194, 012018.	0.6	27
12	Role of Zr in the Microstructure Evolution in Mg-Zn-Zr Based Wrought Alloys. , 2015, , 209-213.		1