T Bhattacharjee

List of Publications by Year
in descending order

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12	1,244	840776 11	1281871 11
papers	citations	h-index	g-index

13	13	13	809
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanostructuring with Structural-Compositional Dual Heterogeneities Enhances Strength-Ductility Synergy in Eutectic High Entropy Alloy. Scientific Reports, 2019, 9, 11505.	3.3	67
2	Simultaneous Strength-Ductility Enhancement of a Nano-Lamellar AlCoCrFeNi2.1 Eutectic High Entropy Alloy by Cryo-Rolling and Annealing. Scientific Reports, 2018, 8, 3276.	3.3	209
3	Cold-rolling and recrystallization textures of a nano-lamellar AlCoCrFeNi2.1 eutectic high entropy alloy. Intermetallics, 2017, 84, 42-51.	3.9	102
4	Severe plastic deformation driven nanostructure and phase evolution in a Al 0.5 CoCrFeMnNi dual phase high entropy alloy. Intermetallics, 2017, 91, 150-157.	3.9	63
5	Effect of severe cold-rolling and annealing on microstructure and mechanical properties of AlCoCrFeNi_{2.1} eutectic high entropy alloy. IOP Conference Series: Materials Science and Engineering, 2017, 194, 012018.	0.6	27
6	Tailoring nanostructures and mechanical properties of AlCoCrFeNi2.1 eutectic high entropy alloy using thermo-mechanical processing. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 675, 99-109.	5.6	252
7	Ultrafine-Grained AlCoCrFeNi_{2.1}Eutectic High-Entropy Alloy. Materials Research Letters, 2016, 4, 174-179.	8.7	296
8	Role of Zr in the Microstructure Evolution in Mg-Zn-Zr Based Wrought Alloys. , 2015, , 209-213.		1
9	Effect of microalloyed Zr on the extruded microstructure of Mgâ€“6.2Zn-based alloys. Scripta Materialia, 2014, 90-91, 37-40.	5.2	54
10	High strength and formable Mgâ€“6.2Znâ€“0.5Zrâ€“0.2Ca alloy sheet processed by twin roll casting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 609, 154-160.	5.6	67
11	The effect of Ag and Ca additions on the age hardening response of Mgâ€“Zn alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 575, 231-240.	5.6	46
12	Effect of Zr addition on the precipitation in Mgâ€“Zn-based alloy. Scripta Materialia, 2012, 67, 967-970.	5.2	60