

# Saurav Kumar

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

257  
citations

1306789

7  
h-index

1372195

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and properties of lightweight high entropy alloys: a brief review. Materials Research Express, 2018, 5, 052001.	0.8	82
2	Structural evolution of spark plasma sintered AlFeCuCrMgx ( $x=0, 0.5, 1, 1.7$ ) high entropy alloys. Intermetallics, 2016, 77, 46-56.	1.8	64
3	Phase and thermal study of equiatomic AlCuCrFeMnW high entropy alloy processed via spark plasma sintering. Materials Chemistry and Physics, 2018, 210, 71-77.	2.0	37
4	Synthesis and Air Jet Erosion Study of AlXFe1.5CrMnNi0.5 ( $x = 0.3, 0.5$ ) High-Entropy Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 5607-5618.	1.1	20
5	Room temperature wear study of Al <sub>0.4</sub> FeCrNiCo <sub>x</sub> ( $x = 0, 0.25, 0.5$ ) Tj ETQq1 1 0.784314 rgB / 841-853.	1.2	18
6	Oxidation Study of Mg-Li-Al based Alloy. Materials Today: Proceedings, 2016, 3, 3035-3044.	0.9	9
7	Impact of tungsten on phase evolution in nanocrystalline AlCuCrFeMnW <sub>x</sub> ( $x = 0, 0.05, 0.1$ ) Jj ETQq1 1 0.784314 rgB / 841-853.	1.2	18
8	Effect of Cobalt Content on Thermal, Mechanical, and Microstructural Properties of Al <sub>0.4</sub> FeCrNiCox ( $x = 0, 0.25, 0.5, 1.0$ mol) High-Entropy Alloys. Journal of Materials Engineering and Performance, 2019, 28, 4111-4119.	2.8	8
9	Effect of cobalt content on wear behaviour of Al <sub>0.4</sub> FeCrNiCox ( $x = 0, 0.25, 0.5, 1.0$ mol) high entropy alloys tested under demineralised water with and without 3.5% NaCl solution. Materials Research Express, 2019, 6, 0865b3.	0.8	6
10	Dry Sliding Wear Behavior of Al <sub>0.4</sub> FeCrNiCox ( $x = 0, 0.25, 0.5, 1.0$ mol) High-Entropy Alloys. Metallography, Microstructure, and Analysis, 2019, 8, 545-557.	0.5	4
11	Synthesis and Characterization of Metallic Iron Reduced from Low-grade Coal in Rajasthan. Mining, Metallurgy and Exploration, 2020, 37, 1741-1751.	0.4	0