

# Anisha Chaudhary

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

748  
citations

759233

12  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1037  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of different anode electrodes with Li(Li <sub>0.25</sub> Co <sub>0.37</sub> Mn <sub>0.38</sub> )O <sub>2</sub> as cathode material on Li: ion battery performance. Journal of Materials Science: Materials in Electronics, 2022, 33, 3901-3913.	2.2	0
2	A process for developing spherical graphite from coal tar as high performing carbon anode for Li-ion batteries. Materials Chemistry and Physics, 2022, 281, 125836.	4.0	7
3	Electromagnetic Shielding Capabilities of Metal Matrix Composites. , 2021, , 428-441.		5
4	Lightweight open cell aluminum foam for superior mechanical and electromagnetic interference shielding properties. Materials Chemistry and Physics, 2020, 240, 122274.	4.0	50
5	Critical Overview of Coatings Technology for Metal Matrix Composites. Journal of Bio- and Tribo-Corrosion, 2020, 6, 1.	2.6	18
6	Three dimension phenolic resin derived carbon-CNTs hybrid foam for fire retardant and effective electromagnetic interference shielding. Composites Part C: Open Access, 2020, 2, 100020.	3.2	11
7	Lightweight carbon-red mud hybrid foam toward fire-resistant and efficient shield against electromagnetic interference. Scientific Reports, 2020, 10, 9913.	3.3	15
8	Investigation on pitch derived mesocarbon spheres based metal composites for highly efficient electromagnetic interference shielding. Composites Part B: Engineering, 2019, 175, 107168.	12.0	14
9	Multi-component framework derived SiC composite paper to support efficient thermal transport and high EMI shielding performance. Composites Part B: Engineering, 2019, 176, 107123.	12.0	20
10	Scalable development of a multi-phase thermal management system with superior EMI shielding properties. Composites Part B: Engineering, 2019, 158, 206-217.	12.0	23
11	Engineering novel synthetic strategy to develop mesocarbon microbeads for multi-functional applications. Materials Research Express, 2018, 5, 045011.	1.6	3
12	Excellent EMI shielding performance and thermal insulating properties in lightweight, multifunctional carbon-cenosphere composite foams. Composites Part A: Applied Science and Manufacturing, 2018, 112, 475-484.	7.6	70
13	Enhanced microwave absorption property of aluminum composites using fly ash derived cenosphere. Advanced Materials Letters, 2018, 9, 241-248.	0.6	1
14	Integration of MCMBs/MWCNTs with Fe <sub>3</sub> O <sub>4</sub> in a flexible and light weight composite paper for promising EMI shielding applications. Journal of Materials Chemistry C, 2017, 5, 322-332.	5.5	94
15	New insight into minimal architecture based carbon nanotubes anode with improved mechanical properties for Li-ion battery. Advanced Materials Letters, 2017, 8, 1038-1045.	0.6	1
16	Lightweight and Easily Foldable MCMB-MWCNTs Composite Paper with Exceptional Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2016, 8, 10600-10608.	8.0	188
17	Excellent mechanical properties of carbon fiber semi-aligned electrospun carbon nanofiber hybrid polymer composites. RSC Advances, 2016, 6, 36715-36722.	3.6	44
18	Mechanical and electrical properties of multiwall carbon nanotube/polycarbonate composites for electrostatic discharge and electromagnetic interference shielding applications. RSC Advances, 2014, 4, 13839.	3.6	157

#	ARTICLE	IF	CITATIONS
19	Effective Antimicrobial Filter From Electrospun Polyacrylonitrile-silver Composite Nanofibers Membrane For Conductive Environments. <i>Advanced Materials Letters</i> , 2014, 5, 562-568.	0.6	27