

Aamir Iqbal

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15 papers	1,146 citations	8 h-index	15 g-index
15 ext. papers	1,820 ext. citations	14.1 avg, IF	5.23 L-index

#	Paper	IF	Citations
15	Electromagnetic shielding of Optically-Transparent and Electrically-Insulating ionic solutions. <i>Chemical Engineering Journal</i> , 2022 , 438, 135564	14.7	2
14	Multispectral electromagnetic shielding using ultra-thin metal-metal oxide decorated hybrid nanofiber membranes. <i>Communications Materials</i> , 2021 , 2,	6	2
13	Improving oxidation stability of 2D MXenes: synthesis, storage media, and conditions. <i>Nano Convergence</i> , 2021 , 8, 9	9.2	44
12	Reduction of Electrochemically Exfoliated Graphene Films for High-Performance Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 15827-15836	9.5	6
11	MXenes as EMI Shielding Materials 2021 , 125-176		
10	Electromagnetic Interference and Shielding 2021 , 1-24		
9	Enhanced absorption of electromagnetic waves in Ti3C2Tx MXene films with segregated polymer inclusions. <i>Composites Science and Technology</i> , 2021 , 213, 108878	8.6	8
8	Electromagnetic Interference Shielding: Electromagnetic Shielding of Monolayer MXene Assemblies (Adv. Mater. 9/2020). <i>Advanced Materials</i> , 2020 , 32, 2070064	24	12
7	Electromagnetic Shielding of Monolayer MXene Assemblies. <i>Advanced Materials</i> , 2020 , 32, e1906769	24	207
6	2D MXenes for Electromagnetic Shielding: A Review. <i>Advanced Functional Materials</i> , 2020 , 30, 2000883	15.6	192
5	Electromagnetic Interference Shielding: 2D MXenes for Electromagnetic Shielding: A Review (Adv. Funct. Mater. 47/2020). <i>Advanced Functional Materials</i> , 2020 , 30, 2070307	15.6	1
4	Anomalous absorption of electromagnetic waves by 2D transition metal carbonitride TiCNT (MXene). <i>Science</i> , 2020 , 369, 446-450	33.3	362
3	Ultralight and Mechanically Robust TiCT Hybrid Aerogel Reinforced by Carbon Nanotubes for Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 38046-38054	9.5	146
2	Anisotropic MXene Aerogels with a Mechanically Tunable Ratio of Electromagnetic Wave Reflection to Absorption. <i>Advanced Optical Materials</i> , 2019 , 7, 1900267	8.1	138
1	FeSiAl/metal core shell hybrid composite with high-performance electromagnetic interference shielding. <i>Composites Science and Technology</i> , 2019 , 172, 66-73	8.6	26