Aamir Iqbal

List of Publications by Citations

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	Anomalous absorption of electromagnetic waves by 2D transition metal carbonitride TiCNT (MXene). *Science*, **2020**, 369, 446-450	33.3	362
14	Electromagnetic Shielding of Monolayer MXene Assemblies. *Advanced Materials*, **2020**, 32, e1906769	24	207
13	2D MXenes for Electromagnetic Shielding: A Review. *Advanced Functional Materials*, **2020**, 30, 2000883	15.6	192
12	Ultralight and Mechanically Robust TiCT Hybrid Aerogel Reinforced by Carbon Nanotubes for Electromagnetic Interference Shielding. *ACS Applied Materials & Interfaces*, **2019**, 11, 38046-38054	9.5	146
11	Anisotropic MXene Aerogels with a Mechanically Tunable Ratio of Electromagnetic Wave Reflection to Absorption. *Advanced Optical Materials*, **2019**, 7, 1900267	8.1	138
10	Improving oxidation stability of 2D MXenes: synthesis, storage media, and conditions. *Nano Convergence*, **2021**, 8, 9	9.2	44
9	FeSiAl/metal core shell hybrid composite with high-performance electromagnetic interference shielding. *Composites Science and Technology*, **2019**, 172, 66-73	8.6	26
8	Electromagnetic Interference Shielding: Electromagnetic Shielding of Monolayer MXene Assemblies (Adv. Mater. 9/2020). *Advanced Materials*, **2020**, 32, 2070064	24	12
7	Enhanced absorption of electromagnetic waves in Ti3C2T MXene films with segregated polymer inclusions. *Composites Science and Technology*, **2021**, 213, 108878	8.6	8
6	Reduction of Electrochemically Exfoliated Graphene Films for High-Performance Electromagnetic Interference Shielding. *ACS Applied Materials & Interfaces*, **2021**, 13, 15827-15836	9.5	6
5	Multispectral electromagnetic shielding using ultra-thin metal-metal oxide decorated hybrid nanofiber membranes. *Communications Materials*, **2021**, 2,	6	2
4	Electromagnetic shielding of Optically-Transparent and Electrically-Insulating ionic solutions. *Chemical Engineering Journal*, **2022**, 438, 135564	14.7	2
3	Electromagnetic Interference Shielding: 2D MXenes for Electromagnetic Shielding: A Review (Adv. Funct. Mater. 47/2020). *Advanced Functional Materials*, **2020**, 30, 2070307	15.6	1
2	MXenes as EMI Shielding Materials **2021**, 125-176		
1	Electromagnetic Interference and Shielding **2021**, 1-24		