# Aamir Iqbal

List of Publications by Year
in descending order



| 13 | 2,586 | 840585 11 | 1125617 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 15 | 15 | 15 | 1995 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Anomalous absorption of electromagnetic waves by 2D transition metal carbonitride Ti <sub>3</sub> CNT  <sub>x</sub>  (MXene). Science, 2020, 369, 446-450. | 6.0 | 844 |
| 2 | 2D MXenes for Electromagnetic Shielding: A Review. Advanced Functional Materials, 2020, 30, 2000883. | 7.8 | 443 |
| 3 | Electromagnetic Shielding of Monolayer MXene Assemblies. Advanced Materials, 2020, 32, e1906769. | 11.1 | 410 |
| 4 | Ultralight and Mechanically Robust Ti<sub>3</sub>C<sub>2</sub>T<sub>x</sub> Hybrid Aerogel Reinforced by Carbon Nanotubes for Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2019, 11, 38046-38054. | 4.0 | 283 |
| 5 | Anisotropic MXene Aerogels with a Mechanically Tunable Ratio of Electromagnetic Wave Reflection to Absorption. Advanced Optical Materials, 2019, 7, 1900267. | 3.6 | 245 |
| 6 | Improving oxidation stability of 2D MXenes: synthesis, storage media, and conditions. Nano Convergence, 2021, 8, 9. | 6.3 | 194 |
| 7 | FeSiAl/metal core shell hybrid composite with high-performance electromagnetic interference shielding. Composites Science and Technology, 2019, 172, 66-73. | 3.8 | 49 |
| 8 | Enhanced absorption of electromagnetic waves in Ti3C2T MXene films with segregated polymer inclusions. Composites Science and Technology, 2021, 213, 108878. | 3.8 | 41 |
| 9 | Reduction of Electrochemically Exfoliated Graphene Films for High-Performance Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2021, 13, 15827-15836. | 4.0 | 27 |
| 10 | Electromagnetic Interference Shielding: Electromagnetic Shielding of Monolayer MXene Assemblies (Adv. Mater. 9/2020). Advanced Materials, 2020, 32, 2070064. | 11.1 | 16 |
| 11 | Multispectral electromagnetic shielding using ultra-thin metal-metal oxide decorated hybrid nanofiber membranes. Communications Materials, 2021, 2, . | 2.9 | 13 |
| 12 | Electromagnetic shielding of Optically-Transparent and Electrically-Insulating ionic solutions. Chemical Engineering Journal, 2022, 438, 135564. | 6.6 | 12 |
| 13 | Electromagnetic Interference Shielding: 2D MXenes for Electromagnetic Shielding: A Review (Adv.) Tj ETQq1 1 0.784314 rgBT /Overlo | 7.8 | 8 |