Xinhai He

List of Publications by Year
in descending order

12	428	1307594 7	1199594 12
papers	citations	h-index	g-index

12	12	12	322
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lightweight and stiff carbon foams derived from rigid thermosetting polyimide foam with superior electromagnetic interference shielding performance. Carbon, 2020, 158, 45-54.	10.3	139
2	Multifunctional carbon fiber@NiCo/polyimide films with outstanding electromagnetic interference shielding performance. Chemical Engineering Journal, 2022, 427, 131937.	12.7	86
3	Ultrathin and flexible biomass-derived C@CoFe nanocomposite films for efficient electromagnetic interference shielding. Composites Part B: Engineering, 2020, 190, 107935.	12.0	74
4	In Situ Fabrication of Magnetic and Hierarchically Porous Carbon Films for Efficient Electromagnetic Wave Shielding and Absorption. ACS Applied Materials & Interfaces, 2022, 14, 33675-33685.	8.0	30
5	In-situ growth of gold nanoparticles on electrospun flexible multilayered PVDF nanofibers for SERS sensing of molecules and bacteria. Nano Research, 2021, 14, 4885-4893.	10.4	28
6	Ta@Ag Porous Array with High Stability and Biocompatibility for SERS Sensing of Bacteria. ACS Applied Materials & Interfaces, 2020, 12, 20138-20144.	8.0	27
7	Electrospun Fluorinated Polyimide/Polyvinylidene Fluoride Composite Membranes with High Thermal Stability for Lithium Ion Battery Separator. Advanced Fiber Materials, 2022, 4, 108-118.	16.1	25
8	Ag₂₃Au₂ and Ag₂₂Au₃: A Model of Cocrystallization in Bimetal Nanoclusters. Inorganic Chemistry, 2021, 60, 8404-8408.	4.0	7
9	Research Status of 3D Braiding Technology. Applied Composite Materials, 2022, 29, 147-157.	2.5	7
10	A bio-sensing surface with high biocompatibility for enhancing Raman scattering signals as enabled by a Moâ€“Ag film. Analyst, The, 2022, 147, 1385-1393.	3.5	3
11	Selfâ€assembly of telechelic polymers bearing adamantane groups via hostâ€guest inclusion complexes with cyclodextrin polymer. Journal of Applied Polymer Science, 2021, 138, 49520.	2.6	1
12	The positional isomerism in bimetal nanoclusters. CrystEngComm, 2020, 22, 6975-6978.	2.6	1