Guoxin Chen

List of Publications by Year
in descending order

28	1,172	471509 17	477307 29
papers	citations	h-index	g-index

29	29	29	1915
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantitatively investigating the self-attraction of nanowires. Nano Research, 2022, 15, 3729-3736.	10.4	3
2	Architecting Braided Porous Carbon Fibers Based on Highâ€Density Catalytic Crystal Planes to Achieve Highly Reversible Sodiumâ€Ion Storage. Advanced Science, 2022, 9, e2104780.	11.2	13
3	Coassembly of a New Insect Cuticular Protein and Chitosan via Liquidâ€“Liquid Phase Separation. Biomacromolecules, 2022, 23, 2562-2571.	5.4	9
4	Stable CsPbBr₃â€Glass Nanocomposite for Lowâ€‰tendue Wideâ€Colorâ€Gamut Laserâ€Driven Projection Display. Laser and Photonics Reviews, 2021, 15, 2100044.	8.7	65
5	Aluminum-ion-intercalation nickel oxide thin films for high-performance electrochromic energy storage devices. Journal of Materials Chemistry C, 2021, 9, 17427-17436.	5.5	20
6	Coexisting CsPbCl3:CsPbI3 perovskite nanocrystal glasses with high luminescence and stability. Chemical Engineering Journal, 2020, 385, 123415.	12.7	26
7	Hierarchical Porous Carbon Anode Materials Derived from Rice Husks with High Capacity and Long Cycling Stability for Sodiumâ€Ion Batteries. ChemElectroChem, 2020, 7, 631-641.	3.4	20
8	Nanoscale short-range ordering induced cellular structure and microchemistry evolution in Sm2Co17-type magnets. Acta Materialia, 2020, 200, 883-892.	7.9	39
9	Template Preparation of Copperâ€Based Chalcogenides and their Electrochemical Performance for Liâ€Ion Batteries. ChemistrySelect, 2020, 5, 12873-12877.	1.5	2
10	Ultrathin 2D Mesoporous TiO₂/rGO Heterostructure for Highâ€Performance Lithium Storage. Small, 2020, 16, e2000030.	10.0	41
11	Electrochromism of Nanocrystal-in-Glass Tungsten Oxide Thin Films under Various Conduction Cations. Inorganic Chemistry, 2019, 58, 2089-2098.	4.0	53
12	High Density Static Charges Governed Surface Activation for Long-Range Motion and Subsequent Growth of Au Nanocrystals. Nanomaterials, 2019, 9, 328.	4.1	1
13	Deformation induced new pathways in silicon. Nanoscale, 2019, 11, 9862-9868.	5.6	10
14	In situ real-time study buckling behavior of boron nitride nanotubes with axial compression by TEM. Chinese Chemical Letters, 2019, 30, 1401-1404.	9.0	6
15	In situ TEM observation of rebonding on fractured silicon carbide. Nanoscale, 2018, 10, 6261-6269.	5.6	37
16	A Flexible Caterpillarâ€Like Gold Nanoparticle Assemblies with Ultrasmall Nanogaps for Enhanced Dualâ€Modal Imaging and Photothermal Therapy. Small, 2018, 14, e1800094.	10.0	35
17	Selfâ€Assembly of CoPt Magnetic Nanoparticle Arrays and its Underlying Forces. Small, 2018, 14, e1801184.	10.0	13
18	Assembling Ultrasmall Copperâ€Doped Ruthenium Oxide Nanocrystals into Hollow Porous Polyhedra: Highly Robust Electrocatalysts for Oxygen Evolution in Acidic Media. Advanced Materials, 2018, 30, e1801351.	21.0	353

#	Article	IF	Citations
19	New Deformation-Induced Nanostructure in Silicon. Nano Letters, 2018, 18, 4611-4617.	9.1	182
20	In Situ TEM Study of Interaction between Dislocations and a Single Nanotwin under Nanoindentation. ACS Applied Materials & Interfaces, 2017, 9, 29451-29456.	8.0	30
21	Silicon Oxycarbide/Carbon Nanohybrids with Tiny Silicon Oxycarbide Particles Embedded in Free Carbon Matrix Based on Photoactive Dental Methacrylates. ACS Applied Materials & Interfaces, 2016, 8, 13982-13992.	8.0	36
22	Microwave Irradiationâ€Assisted Exfoliation of Boron Nitride Nanosheets: A Platform for Loading High Density of Nanoparticles. ChemistrySelect, 2016, 1, 1799-1803.	1.5	18
23	In situ growth of metal nanoparticles on boron nitride nanosheets as highly efficient catalysts. Journal of Materials Chemistry A, 2016, 4, 19107-19115.	10.3	52
24	A study of the growth-time effect on graphene layer number based on a Cuâ€“Ni bilayer catalyst system. RSC Advances, 2016, 6, 23956-23960.	3.6	14
25	Template-free synthesis of titania architectures with controlled morphology evolution. Journal of Materials Science, 2016, 51, 3941-3956.	3.7	8
26	Porous titania/carbon hybrid microspheres templated by in situ formed polystyrene colloids. Journal of Colloid and Interface Science, 2016, 469, 242-256.	9.4	5
27	Improving thermal and mechanical properties of epoxy composites by using functionalized graphene. RSC Advances, 2015, 5, 60596-60607.	3.6	31
28	Enhanced thermoelectric figure of merit in p-type Bi0.48Sb1.52Te3 alloy with WSe2 addition. Journal of Materials Chemistry A, 2014, 2, 8512.	10.3	49