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	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
2	New Deformation-Induced Nanostructure in Silicon. Nano Letters, 2018, 18, 4611-4617.	9.1	182
3	Stable CsPbBr₃â€Glass Nanocomposite for Lowâ€Ã‰tendue Wideâ€Colorâ€Gamut Laserâ€Driven Projection Display. Laser and Photonics Reviews, 2021, 15, 2100044.	8.7	65
4	Electrochromism of Nanocrystal-in-Glass Tungsten Oxide Thin Films under Various Conduction Cations. Inorganic Chemistry, 2019, 58, 2089-2098.	4.0	53
5	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
6	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
7	Ultrathin 2D Mesoporous TiO₂/rGO Heterostructure for Highâ€Performance Lithium Storage. Small, 2020, 16, e2000030.	10.0	41
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	In situ TEM observation of rebonding on fractured silicon carbide. Nanoscale, 2018, 10, 6261-6269.	5.6	37
10	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
11	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
12	Improving thermal and mechanical properties of epoxy composites by using functionalized graphene. RSC Advances, 2015, 5, 60596-60607.	3.6	31
13	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
14	Coexisting CsPbCl3:CsPbI3 perovskite nanocrystal glasses with high luminescence and stability. Chemical Engineering Journal, 2020, 385, 123415.	12.7	26
15	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
16	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
17	Microwave Irradiationâ€Assisted Exfoliation of Boron Nitride Nanosheets: A Platform for Loading High Density of Nanoparticles. ChemistrySelect, 2016, 1, 1799-1803.	1.5	18
18	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

#	Article	IF	Citations
19	Selfâ€Assembly of CoPt Magnetic Nanoparticle Arrays and its Underlying Forces. Small, 2018, 14, e1801184.	10.0	13
20	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
21	Deformation induced new pathways in silicon. Nanoscale, 2019, 11, 9862-9868.	5.6	10
22	Coassembly of a New Insect Cuticular Protein and Chitosan via Liquidâ€“Liquid Phase Separation. Biomacromolecules, 2022, 23, 2562-2571.	5.4	9
23	Template-free synthesis of titania architectures with controlled morphology evolution. Journal of Materials Science, 2016, 51, 3941-3956.	3.7	8
24	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
25	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
26	Quantitatively investigating the self-attraction of nanowires. Nano Research, 2022, 15, 3729-3736.	10.4	3
27	Template Preparation of Copperâ€Based Chalcogenides and their Electrochemical Performance for Liâ€ion Batteries. ChemistrySelect, 2020, 5, 12873-12877.	1.5	2
28	High Density Static Charges Governed Surface Activation for Long-Range Motion and Subsequent Growth of Au Nanocrystals. Nanomaterials, 2019, 9, 328.	4.1	1