Xiaoqi Fu

List of Publications by Year
in descending order

24 papers	765 citations	687363 13 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	1358 citing authors

#	Article	IF	Citations
1	Excitation profile of surface-enhanced Raman scattering in grapheneâ€“metal nanoparticle based derivatives. Nanoscale, 2010, 2, 1461.	5.6	157
2	Nanoscale Surface Curvature Effects on Ligandâ€“Nanoparticle Interactions: A Plasmon-Enhanced Spectroscopic Study of Thiolated Ligand Adsorption, Desorption, and Exchange on Gold Nanoparticles. Nano Letters, 2017, 17, 4443-4452.	9.1	81
3	Surfaceâ€enhanced Raman scattering of 4â€mercaptopyridine on subâ€monolayers of Î±â€Fe₂O₃ nanocrystals (sphere, spindle, cube). Journal of Raman Spectroscopy, 2009, 40, 1290-1295.	2.5	68
4	Quantum confinement effects on charge-transfer between PbS quantum dots and 4-mercaptopyridine. Journal of Chemical Physics, 2011, 134, 024707.	3.0	65
5	Multifaceted Goldâ€“Palladium Bimetallic Nanorods and Their Geometric, Compositional, and Catalytic Tunabilities. ACS Nano, 2017, 11, 3213-3228.	14.6	60
6	Dual-Plasmonic Gold@Copper Sulfide Coreâ€“Shell Nanoparticles: Phase-Selective Synthesis and Multimodal Photothermal and Photocatalytic Behaviors. ACS Applied Materials & Interfaces, 2020, 12, 46146-46161.	8.0	52
7	Chargeâ€transfer contributions in surfaceâ€enhanced Raman scattering from Ag, Ag₂S and Ag₂Se substrates. Journal of Raman Spectroscopy, 2012, 43, 1191-1195.	2.5	41
8	Hot carriers in action: multimodal photocatalysis on Au@SnO₂ coreâ€“shell nanoparticles. Nanoscale, 2019, 11, 7324-7334.	5.6	32
9	Photothermal Effect, Local Field Dependence, and Charge Carrier Relaying Species in Plasmon-Driven Photocatalysis: A Case Study of Aerobic Nitrothiophenol Coupling Reaction. Journal of Physical Chemistry C, 2019, 123, 26695-26704.	3.1	30
10	Cellulose Microfiber-Supported TiO₂@Ag Nanocomposites: A Dual-Functional Platform for Photocatalysis and in Situ Reaction Monitoring. Industrial & Engineering Chemistry Research, 2018, 57, 4277-4286.	3.7	27
11	Ammonium Nitrate-Assisted Synthesis of Nitrogen/Sulfur-Codoped Hierarchically Porous Carbons Derived from Ginkgo Leaf for Supercapacitors. ACS Omega, 2019, 4, 5904-5914.	3.5	26
12	Molecular Precursor Route to CuCo₂S₄ Nanosheets: A High-Performance Pre-Catalyst for Oxygen Evolution and Its Application in Znâ€“Air Batteries. Inorganic Chemistry, 2021, 60, 6721-6730.	4.0	22
13	A facile synthesis of grapheneâ€“metal (Pb, Zn, Cd, Mn) sulfide composites. Journal of Materials Science, 2012, 47, 1026-1032.	3.7	15
14	Ammonium Nitrateâ€Assisted Lowâ€Temperature Synthesis of Co, Co₂P@CoP Embedded in Biomassâ€Derived Carbons as Efficient Electrocatalysts for Hydrogen and Oxygen Evolution Reaction. ChemistrySelect, 2020, 5, 7338-7346.	1.5	13
15	In Situ Electrochemical Activation of Fe/Co-Based 8-Hydroxyquinoline Nanostructures on Copper Foam for Oxygen Evolution. ACS Applied Nano Materials, 2021, 4, 9409-9417.	5.0	13
16	Surfaceâ€enhanced Raman scattering of silylated graphite oxide sheets sandwiched between colloidal silver nanoparticles and silver piece. Journal of Raman Spectroscopy, 2010, 41, 370-373.	2.5	12
17	Multifunctional gold-loaded TiO₂ thin film: photocatalyst and recyclable SERS substrate. Canadian Journal of Chemistry, 2013, 91, 1112-1116.	1.1	12
18	Preparation of silver/silver bromide/titanium dioxide/graphene oxide nanocomposite for photocatalytic degradation of 4-chlorophenol. Nanomaterials and Nanotechnology, 2017, 7, 184798041772404.	3.0	10

#	Article	IF	Citations
19	Covellite Nanodisks and Digenite Nanorings: Colloidal Synthesis, Phase Transitions, and Optical Properties. Chemistry of Materials, 2021, 33, 8546-8558.	6.7	10
20	Research on the influence of alkyl ammonium bromides on the properties of Ag/AgBr/GO composites. New Journal of Chemistry, 2016, 40, 1323-1329.	2.8	5
21	An effective pre-catalytic electrode based on iron/nickel hydroxyquinoline for water oxidation. Surfaces and Interfaces, 2022, 33, 102153.	3.0	5
22	Thin films of Î±-Fe2O3 nanoparticles using as nonmetallic SERS-active nanosensors for submicromolar detection. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2011, 6, 206-212.	0.4	3
23	Controllable synthesis of graphene oxideâ€“silver (gold) nanocomposites and their size-dependencies. RSC Advances, 2016, 6, 70468-70473.	3.6	3
24	Decorating Flowerâ€Like Ni(OH)₂ Microspheres on Biomassâ€Derived Porous Carbons for Solidâ€State Asymmetric Supercapacitors. ChemistrySelect, 2021, 6, 5218-5224.	1.5	3