

Guan Xiaolin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Versatile Surgical Adhesive and Hemostatic Materials: Synthesis, Properties, and Application of Thermoresponsive Polypeptides. <i>Chemistry of Materials</i> , 2017, 29, 5493-5503.	6.7	47
2	Unprecedented Strong Photoluminescences Induced from Both Aggregation and Polymerization of Novel Nonconjugated I ² -Cyclodextrin Dimer. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 3913-3919.	3.7	35
3	A New Thermo-, pH- and CO ₂ -Responsive Fluorescent Four-Arm Star Polymer with Aggregation-Induced Emission for Long-Term Cellular Tracing. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700553.	3.6	33
4	Electrospinning Preparation of N, P Dual-Doped Molybdenum Carbide/Porous Carbon Fibers with Highly Improved Electrocatalytic Activity for Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2021, 4, 13051-13060.	5.1	24
5	Ce-Substituted Spinel CuCo ₂ O ₄ Quantum Dots with High Oxygen Vacancies and Greatly Improved Electrocatalytic Activity for Oxygen Evolution Reaction. <i>Inorganic Chemistry</i> , 2021, 60, 19136-19144.	4.0	23
6	Various Tetraphenylethene-Based AIEgens with Four Functional Polymer Arms: Versatile Synthetic Approach and Photophysical Properties. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 680-686.	3.7	22
7	Bimetallic Fe-Co chalcogenophosphates as highly efficient bifunctional electrocatalysts for overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3354-3364.	7.1	18
8	Preparation and properties of reversible hydrogels based on triblock poly(amino acid)s with tunable pH-responsivity across a broad range. <i>Journal of Polymer Science Part A</i> , 2017, 55, 207-212.	2.3	15
9	AIE-Active Fluorescent Nonconjugated Polymer Dots for Dual-Alternating-Color Live Cell Imaging. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 14889-14898.	3.7	15
10	Efficient Detection of Trace Hg ²⁺ in Water Based on the Fluorescence Quenching of Environment-friendly Thiolfunctionalized Poly(vinyl alcohol) Capped CdS Quantum Dots Nanocomposite. <i>Analytical Sciences</i> , 2016, 32, 161-165.	1.6	10
11	Intriguingly tuning the fluorescence of AIEgen using responsive polyelectrolyte microspheres. <i>RSC Advances</i> , 2016, 6, 107622-107627.	3.6	10
12	A Versatile Synthetic Approach to Covalent Binding of Polymer Brushes on CdSe/CdS Quantum Dots Surface: Multitype Modification of Nanocrystals. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 664-671.	2.2	9
13	Preparation of Multi-stimulus Responsive Polymer Nanospheres Based on AIE Effect and Its Cell Tracing Application. <i>Acta Chimica Sinica</i> , 2019, 77, 1036.	1.4	9
14	Preparation of AIE Polymer Dots (Pdots) Based on Poly(N-vinyl-2-pyrrolidone)-Eu(III) Complex and Dual-color Live Cell Imaging. <i>Acta Chimica Sinica</i> , 2019, 77, 1268.	1.4	9
15	Simply constructed highly dispersed cobalt nanoparticles in diverse N-doped graphitic carbon with remarkable performances for water electrolysis. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 25511-25521.	7.1	9
16	A versatile synthetic approach to tunable dual-emissive Pdots with very small-size based on amphiphilic block copolymers for cell imaging. <i>Materials Chemistry Frontiers</i> , 2021, 5, 355-367.	5.9	8
17	Fluorophore-functionalized graphene oxide with application in cell imaging. <i>New Journal of Chemistry</i> , 2017, 41, 12375-12379.	2.8	6
18	Nonconjugated fluorescent polymer nanoparticles by self-assembly of PIMA-g-I ² -CD for live-cell long-term tracking. <i>Carbohydrate Polymers</i> , 2022, 291, 119633.	10.2	5

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19	Surgical adhesive: Synthesis and properties of thermoresponsive Pluronic Lâ€š1â€š“3,4â€š“ dihydroxyphenylalanineâ€š“ arginine derivatives. Journal of Applied Polymer Science, 2017, 134, .	2.6	4
20	Synthesis of Organic Modified SiCw/PVDF Composite Membrane and Its Dielectric Properties under Low Temperature. Journal Wuhan University of Technology, Materials Science Edition, 2019, 34, 1279-1287.	1.0	4
21	Unorthodox β -Cyclodextrin-Based AIE-Active Probes for Living Cell Imaging in the Absence of Fluorophore Units and Related Mechanism Exploration. Industrial & Engineering Chemistry Research, 2020, 59, 14587-14597.	3.7	3
22	An olefinâ€š“based, Fluorescent Covalent Organic Framework for Selective Sensing of Aromatic Amines. Chemistry - an Asian Journal, 2022, , .	3.3	3
23	A direct crossed polymerization of triphenylamines and cyclohexanones via Câ€š“C bond formation: the method and its bioimaging application. New Journal of Chemistry, 2017, 41, 7908-7914.	2.8	2
24	Spectral Analysis and Determination of Palladium II Based on the Environment-Friendly and Water-Soluble Polymer. Spectroscopy Letters, 2014, 47, 716-722.	1.0	1