

Xiaomin Fang

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Structure and photoluminescence evolution of nanodots during pyrolysis of citric acid: from molecular nanoclusters to carbogenic nanoparticles. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10302-10312.	2.7	69
2	Graphenol defects induced blue emission enhancement in chemically reduced graphene quantum dots. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22361-22366.	1.3	68
3	Copper-Catalyzed One-Pot Synthesis of 1,2,4-Triazoles from Nitriles and Hydroxylamine. <i>Journal of Organic Chemistry</i> , 2015, 80, 1789-1794.	1.7	53
4	Supramolecular interactions via hydrogen bonding contributing to citric-acid derived carbon dots with high quantum yield and sensitive photoluminescence. <i>RSC Advances</i> , 2017, 7, 20345-20353.	1.7	50
5	A novel phosphorous and silicon-containing benzoxazine: highly efficient multifunctional flame-retardant synergist for polyoxymethylene. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 127-137.	9.9	46
6	Synthesis of siloxane-containing benzoxazine and its synergistic effect on flame retardancy of polyoxymethylene. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2686-2694.	1.6	29
7	Iron-Mediated Synthesis of Isoxazoles from Alkynes: Using Iron(III) Nitrate as a Nitration and Cyclization Reagent. <i>Journal of Organic Chemistry</i> , 2018, 83, 145-153.	1.7	25
8	Base-Mediated Synthesis of Unsymmetrical 1,3,5-Triazin-2-amines via Three-Component Reaction of Imidates, Guanidines, and Amides or Aldehydes. <i>Journal of Organic Chemistry</i> , 2017, 82, 10043-10050.	1.7	23
9	Ethanothermal synthesis of phenol-derived carbon dots with multiple color emission via a versatile oxidation strategy. <i>Optical Materials</i> , 2019, 88, 412-416.	1.7	22
10	Silane-functional benzoxazine: synthesis, polymerization kinetics and thermal stability. <i>Polymer International</i> , 2017, 66, 908-915.	1.6	20
11	Flame retardant effect and mechanism of benzoxazine as synergist in intumescent flame-retardant polyoxymethylene. <i>Polymers for Advanced Technologies</i> , 2020, 31, 2512-2525.	1.6	20
12	Supramolecular nanodots derived from citric acid and beta-amines with high quantum yield and sensitive photoluminescence. <i>Optical Materials</i> , 2018, 77, 48-54.	1.7	19
13	Reversible Ligand-Gated Ion Channel via Interconversion between Hollow Single Helix and Intertwined Double Helix. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13602-13607.	7.2	19
14	Insights into Fluorophores of Dual-Emissive Carbon Dots Derived by Naphthalenediol Solvothermal Synthesis. <i>Journal of Physical Chemistry C</i> , 2021, 125, 5207-5216.	1.5	18
15	One-pot synthesis of 3,5-disubstituted 1,2,4-thiadiazoles from nitriles and thioamides via I ₂ -mediated oxidative formation of an N-S bond. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8410-8417.	1.5	15
16	Purcell-Enhanced Spontaneous Emission from Perovskite Quantum Dots Coupled to Plasmonic Crystal. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25359-25365.	1.5	12
17	Effect of oxygen functionalities of graphene oxide on polymerization and thermal properties of reactive benzoxazine nanocomposites. <i>Macromolecular Research</i> , 2018, 26, 77-84.	1.0	11
18	Nmp-based ionic liquids: Recyclable catalysts for both hetero-Michael addition and Knoevenagel condensation in water. <i>Synthetic Communications</i> , 2018, 48, 1060-1067.	1.1	10

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19	Plasmon-mediated nonradiative energy transfer from a conjugated polymer to a plane of graphene-nanodot-supported silver nanoparticles: an insight into characteristic distance. <i>Nanoscale</i> , 2019, 11, 6737-6746.	2.8	9
20	Insight into the multiple quasi-molecular states in ethylenediamine reduced graphene nanodots. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 28653-28665.	1.3	8
21	Reversible Ligand-Gated Ion Channel via Interconversion between Hollow Single Helix and Intertwined Double Helix. <i>Angewandte Chemie</i> , 2020, 132, 13704-13709.	1.6	7
22	Polymer spacer tunable Purcell-enhanced spontaneous emission in perovskite quantum dots coupled to plasmonic nanowire networks. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 22831-22838.	1.3	6
23	Carbonization temperature controlled thermal conductivity of graphitic carbon nanoparticles and their polymer composites. <i>AIP Advances</i> , 2018, 8, 055332.	0.6	5
24	Influence of modified ammonium polyphosphate on the fire behavior and mechanical properties of polyformaldehyde. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50156.	1.3	5
25	ESIPT fluorophores derived from 2,3-dichloro-5,6-dicyano- <i>p</i> -benzoquinone based carbon dots for dual emission and multiple anti-counterfeiting. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 388-398.	1.3	5
26	Broad emission spectral enhancement of polyfluorene copolymer by coupling to assembled plasmonic crystal of silver nanocubes. <i>Thin Solid Films</i> , 2020, 695, 137763.	0.8	4
27	Hierarchical self-assembly of helical coordination polymers and formation of a lamellar structure via the cooperativity of two-step Ag coordination and π - π interactions. <i>Nanoscale</i> , 2020, 12, 10972-10976.	2.8	4
28	Excited-state intramolecular proton-transfer-induced dual fluorescence emission in 2,3-dichloro-5,6-dicyano-1,4-benzoquinone and resorcinol-based carbon dots. <i>Optical Materials</i> , 2022, 123, 111845.	1.7	3
29	Palladium(II) and Antimony(III) Complexes Derived From 2-Benzoylpyridine N4-Phenylthiosemicarbazone: Synthesis, Crystal Structure, Antiproliferative Activity, and Low Toxicity on Normal Hepatocyte QSG7701 Cells. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1859-1863.	0.6	2
30	The Synthesis and Crystal Structure of a Novel Pesticide Intermediates. <i>Journal of Chemical Crystallography</i> , 2015, 45, 419-426.	0.5	1