Wenkai Zhang

List of Publications by Year
in descending order

33	631	567144 15	610775 24
papers	citations	h-index	g-index

33	33	33	1019
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure and photoluminescence evolution of nanodots during pyrolysis of citric acid: from molecular nanoclusters to carbogenic nanoparticles. Journal of Materials Chemistry C, 2017, 5, 10302-10312.	2.7	69
2	Graphenol defects induced blue emission enhancement in chemically reduced graphene quantum dots. Physical Chemistry Chemical Physics, 2015, 17, 22361-22366.	1.3	68
3	Copper-Catalyzed One-Pot Synthesis of 1,2,4-Triazoles from Nitriles and Hydroxylamine. Journal of Organic Chemistry, 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. RSC Advances, 2017, 7, 20345-20353.	1.7	50
5	Knoevenagel condensation catalyzed by novel Nmm-based ionic liquids in water. Tetrahedron Letters, 2017, 58, 2360-2365.	0.7	46
6	Photoinduced Iron-Catalyzed ipso-Nitration of Aryl Halides via Single-Electron Transfer. ACS Catalysis, 2021, 11, 9561-9568.	5.5	27
7	Base-mediated one-pot synthesis of 1,2,4-oxadiazoles from nitriles, aldehydes and hydroxylamine hydrochloride without addition of extra oxidant. Organic and Biomolecular Chemistry, 2016, 14, 9814-9822.	1.5	25
8	Iron-Mediated Synthesis of Isoxazoles from Alkynes: Using Iron(III) Nitrate as a Nitration and Cyclization Reagent. Journal of Organic Chemistry, 2018, 83, 145-153.	1.7	25
9	Effective excitation and control of guided surface plasmon polaritons in a conjugated polymerâ€“silver nanowire composite system. Journal of Materials Chemistry C, 2013, 1, 1265-1271.	2.7	23
10	Base-Mediated Synthesis of Unsymmetrical 1,3,5-Triazin-2-amines via Three-Component Reaction of Imidates, Guanidines, and Amides or Aldehydes. Journal of Organic Chemistry, 2017, 82, 10043-10050.	1.7	23
11	Ethanothermal synthesis of phenol-derived carbon dots with multiple color emission via a versatile oxidation strategy. Optical Materials, 2019, 88, 412-416.	1.7	22
12	Silaneâ€functional benzoxazine: synthesis, polymerization kinetics and thermal stability. Polymer International, 2017, 66, 908-915.	1.6	20
13	Supramolecular nanodots derived from citric acid and beta-amines with high quantum yield and sensitive photoluminescence. Optical Materials, 2018, 77, 48-54.	1.7	19
14	Insights into Fluorophores of Dual-Emissive Carbon Dots Derived by Naphthalenediol Solvothermal Synthesis. Journal of Physical Chemistry C, 2021, 125, 5207-5216.	1.5	18
15	Thio-Michael addition of Î±,Î²-unsaturated amides catalyzed by Nmm-based ionic liquids. RSC Advances, 2017, 7, 43104-43113.	1.7	17
16	One-pot synthesis of 3,5-disubstituted 1,2,4-thiadiazoles from nitriles and thioamides via I₂-mediated oxidative formation of an Nâ€“S bond. Organic and Biomolecular Chemistry, 2017, 15, 8410-8417.	1.5	15
17	Oneâ€Pot Synthesis of 3â€Arylâ€5â€aminoâ€1,2,4â€thiadiazoles from Imidates and Thioureas by I₂â€Mediated Oxidative Construction of the Nâ€“S Bond. European Journal of Organic Chemistry, 2018, 2018, 4338-4344.	1.2	13
18	Localized surface plasmon resonance enhanced blue light-emission of polyfluorene copolymer. Journal of Physics and Chemistry of Solids, 2014, 75, 1340-1346.	1.9	12

#	Article	IF	Citations
19	Purcell-Enhanced Spontaneous Emission from Perovskite Quantum Dots Coupled to Plasmonic Crystal. Journal of Physical Chemistry C, 2019, 123, 25359-25365.	1.5	12
20	Effect of oxygen functionalities of graphene oxide on polymerization and thermal properties of reactive benzoxazine nanocomposites. Macromolecular Research, 2018, 26, 77-84.	1.0	11
21	Nmp-based ionic liquids: Recyclable catalysts for both hetero-Michael addition and Knoevenagel condensation in water. Synthetic Communications, 2018, 48, 1060-1067.	1.1	10
22	Plasmon-mediated nonradiative energy transfer from a conjugated polymer to a plane of graphene-nanodot-supported silver nanoparticles: an insight into characteristic distance. Nanoscale, 2019, 11, 6737-6746.	2.8	9
23	Insight into the multiple quasi-molecular states in ethylenediamine reduced graphene nanodots. Physical Chemistry Chemical Physics, 2017, 19, 28653-28665.	1.3	8
24	Polymer spacer tunable Purcell-enhanced spontaneous emission in perovskite quantum dots coupled to plasmonic nanowire networks. Physical Chemistry Chemical Physics, 2019, 21, 22831-22838.	1.3	6
25	Carbonization temperature controlled thermal conductivity of graphitic carbon nanoparticles and their polymer composites. AIP Advances, 2018, 8, 055332.	0.6	5
26	ESIPT fluorophores derived from 2,3-dichloro-5,6-dicyano-p-benzoquinone based carbon dots for dual emission and multiple anti-counterfeiting. Physical Chemistry Chemical Physics, 2021, 23, 388-398.	1.3	5
27	Direct measurement of plasmon propagation length of Ag nanowire waveguide via polymer nanofiber launching. Optics Communications, 2018, 423, 152-154.	1.0	4
28	Broad emission spectral enhancement of polyfluorene copolymer by coupling to assembled plasmonic crystal of silver nanocubes. Thin Solid Films, 2020, 695, 137763.	0.8	4
29	Quantification of the Optical Properties of Perovskite Nanocrystals Using a Combination of Polarized Resonance Synchronous and Polarized Anti-Stokes, On-Resonance, and Stokes-Shifted Spectroscopy. Journal of Physical Chemistry C, 2020, 124, 20388-20397.	1.5	3
30	Incorporation of Light-emitting Polymer into Large Cage-Type Mesoporous Silica: Toward New Luminescent Nanocomposites. Acta Chimica Sinica, 2012, 70, 2425.	0.5	3
31	Excited-state intramolecular proton-transfer-induced dual fluorescence emission in 2,3-dichloro-5,6-dicyano-1,4-benzoquinone and resorcinol-based carbon dots. Optical Materials, 2022, 123, 111845.	1.7	3
32	Exploring electrospun nanofibers for physically unclonable functions: a scalable and robust method toward unique identifiers. Journal Physics D: Applied Physics, 2022, 55, 205106.	1.3	2
33	Environmentâ€Sensitive Carbon Dots Derived from Naphthalenediol for Solvent Polarity Indicator and Antiâ€Counterfeiting. ChemistrySelect, 2022, 7, .	0.7	1