

# Min Xia

## List of Publications by Year in descending order

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38  
papers

822  
citations

567281

15  
h-index

501196

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g-index

49  
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49  
docs citations

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times ranked

1092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress on Routes to Spirooxindole Systems Derived from Isatin. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 539-554.	2.6	109
2	A novel neutral ionic liquid-catalyzed solvent-free synthesis of 2,4,5-trisubstituted imidazoles under microwave irradiation. <i>Journal of Molecular Catalysis A</i> , 2007, 265, 205-208.	4.8	74
3	Ultrasound-assisted one-pot approach to $\beta$ -amino phosphonates under solvent-free and catalyst-free conditions. <i>Ultrasonics Sonochemistry</i> , 2007, 14, 235-240.	8.2	61
4	Multi-stimuli response of a novel half-cut cruciform and its application as a security ink. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9350-9358.	5.5	58
5	A water soluble fluorescent sensor for the reversible detection of tin(IV) ion and phosphate anion. <i>RSC Advances</i> , 2013, 3, 8924.	3.6	54
6	Synthesis, structure and spectral study of two types of novel fluorescent BF <sub>2</sub> complexes with heterocyclic 1,3-enaminoketone ligands. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 402-408.	1.7	53
7	Synthesis, characterization and photoluminescence properties of strong fluorescent BF <sub>2</sub> complexes bearing (2-quinolin-2-yl)phenol ligands. <i>Journal of Fluorine Chemistry</i> , 2012, 137, 93-98.	1.7	45
8	Study on the structure-property relationship in a series of novel BF <sub>2</sub> chelates with multicolor fluorescence. <i>Journal of Organometallic Chemistry</i> , 2013, 743, 1-9.	1.8	30
9	A facile naphthalene-based fluorescent chemodosimeter for mercury ions in aqueous solution. <i>RSC Advances</i> , 2015, 5, 16723-16726.	3.6	29
10	A novel direct and one-pot Mannich synthesis of fluorinated $\beta$ -aminobutanones with sulfamic acid as a green catalyst. <i>Journal of Fluorine Chemistry</i> , 2006, 127, 1119-1124.	1.7	24
11	(Z)-3-(Quinolin-2-ylmethylene)-3,4-dihydroquinoxalin-2(1H)-one derivatives: AIE-active compounds with pronounced effects of ESIPT and TICT. <i>New Journal of Chemistry</i> , 2014, 38, 2693.	2.8	24
12	Ultrasound-promoted synthesis of novel dispirocyclic frameworks from aza-Claisen rearrangements of Baylis-Hillman amines. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 232-236.	8.2	23
13	Study on the solution and solid-state fluorescence of novel BF <sub>2</sub> complexes with (Z)-2-[phenanthridin-6(5H)-ylidene]-1-phenylethanone and its derivatives as ligands. <i>New Journal of Chemistry</i> , 2015, 39, 6465-6473.	2.8	22
14	How is the AIE mechanism profoundly changed in an ESIPT family: the novel introduction of a tetraphenylethene group onto (Z)-3-(quinolin-2-ylmethylene)-3,4-dihydroquinoxalin-2(1H)-one. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3287-3294.	2.8	19
15	Sulfamic Acid as an Effective Catalyst in Solvent-Free Synthesis of $\beta$ -Enaminoketone Derivatives and X-ray Crystallography of Their Representatives. <i>Synthetic Communications</i> , 2008, 38, 1268-1278.	2.1	16
16	An ICT-based colorimetric and ratiometric fluorescent probe for hydrogen sulfide and its application in live cell imaging. <i>RSC Advances</i> , 2016, 6, 33031-33035.	3.6	14
17	Tunable solid state emission of novel V-shaped fluorophores by subtle structure modification: polymorphism, mechanofluoro-chromism and micro-fabrication. <i>RSC Advances</i> , 2017, 7, 50720-50728.	3.6	13
18	Deep insight into reasons for the mechanoluminescence phenomenon of triphenylamine-substituted imidazoles and their distinct mechano-fluoro-chromic behaviours. <i>RSC Advances</i> , 2020, 10, 23187-23195.	3.6	13

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19	Ultrasound-promoted access to Baylis-Hillman amines. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 743-746.	8.2	12
20	Detection of cyanide by a novel probe with a V-shaped structure based on aggregation of the probe adduct. <i>RSC Advances</i> , 2016, 6, 85787-85794.	3.6	12
21	Two Polymorphs of Triphenylamine-substituted Benzo[d]imidazole: Mechanoluminescence with Different Colors and Mechanofluorochromism with Emission Shifts in Opposite Direction. <i>Acta Chimica Sinica</i> , 2019, 77, 1194.	1.4	12
22	Position-isomerization-induced switch effect of mechanofluorochromism and mechanoluminescence on carbazolylbenzo[d]imidazoles. <i>Dyes and Pigments</i> , 2020, 172, 107845.	3.7	11
23	Emission behaviours of novel V- and X-shaped fluorophores in response to pH and force stimuli. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 11563-11570.	2.8	10
24	Solid-State Synthesis of 4-(Indol-3-yl)acrylmethyl-1-phenyl-3-methyl-5-pyrazolones by Catalysis of Molecular Iodine. <i>Synthetic Communications</i> , 2006, 36, 2389-2399.	2.1	9
25	Bright mechanoluminescence and dramatically different mechanofluorochromic behaviors of tetraarylimidazoles by slight modulation of substituent structure. <i>Dyes and Pigments</i> , 2021, 186, 109030.	3.7	9
26	Sulfamic acid: An efficient and green catalyst for synthesis of 1,5-benzodiazepines under solvent-free conditions. <i>Heteroatom Chemistry</i> , 2007, 18, 354-358.	0.7	8
27	Position- and region-isomerized derivatives of a V-shaped fluorophore: the unique solution-state dual emission and the unusual force-induced solid-state turn-on emission. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 1399-1407.	2.8	7
28	Side chain effects on the solid-state emission behaviours and mechano-fluorochromic activities of 10 <i>H</i> -phenothiazinylbenzo[d]imidazoles. <i>RSC Advances</i> , 2019, 9, 30381-30388.	3.6	7
29	Two new sesquiterpenes from <i>Ligularia dictyoneura</i> . <i>Phytochemistry Letters</i> , 2013, 6, 315-317.	1.2	6
30	Hydroxylated Graphene Porous Membrane-Based Biosensor for Exosome Isolation and Detection. <i>ACS Applied Nano Materials</i> , 2022, 5, 6115-6124.	5.0	6
31	Base-Dependent Cascade Synthesis of Novel Pyrano[3,2-c]coumarin Derivatives from Baylis-Hillman Bromide. <i>Synthetic Communications</i> , 2010, 40, 1009-1021.	2.1	5
32	Synthesis, crystal structure, property research, and DFT calculation of 2,3-diphenylfuro[3,2-b]quinoxaline. <i>Journal of Molecular Structure</i> , 2013, 1042, 78-85.	3.6	5
33	Novel and Efficient Approach to Fluorinated $\beta$ -Aminobutanones Catalyzed by Molecular Iodine. <i>Synthetic Communications</i> , 2007, 37, 725-735.	2.1	4
34	Base-Catalyzed and Solvent-Dependent Cascade Reaction in the Regioselective Synthesis of Novel Fused Polycycles. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 817-821.	4.3	4
35	Accelerated Amination of Baylis-Hillman Acetates Under Ultrasound Irradiation. <i>Synthetic Communications</i> , 2010, 40, 1954-1962.	2.1	4
36	Difluoro[2-(quinolin-2-yl)phenolato]borane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1049-o1049.	0.2	4

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37	Derivation-density-engineered molecular packing, emission property, mechanofluorochromism and mechanoluminescence of triarylimidazole-substitued triphenylamines. <i>Dyes and Pigments</i> , 2021, 194, 109541.	3.7	4
38	Reversible thermochromism, two-way mechanofluorochromism and tunable wavelength mechanoluminescence on tetraarylimidazole polymorphs. <i>Dyes and Pigments</i> , 2022, 205, 110479.	3.7	2