

# Min Xia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5779287/publications.pdf>

Version: 2024-02-01

38  
papers

822  
citations

567281

15  
h-index

501196

28  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydroxylated Graphene Porous Membrane-Based Biosensor for Exosome Isolation and Detection. ACS Applied Nano Materials, 2022, 5, 6115-6124.	5.0	6
2	Reversible thermochromism, two-way mechanofluorochromism and tunable wavelength mechanoluminescence on tetraarylimidazole polymorphs. Dyes and Pigments, 2022, 205, 110479.	3.7	2
3	Bright mechanoluminescence and dramatically different mechanofluorochromic behaviors of tetraarylimidazoles by slight modulation of substituent structure. Dyes and Pigments, 2021, 186, 109030.	3.7	9
4	Derivation-density-engineered molecular packing, emission property, mechanofluorochromism and mechanoluminescence of triarylimidazole-substituted triphenylamines. Dyes and Pigments, 2021, 194, 109541.	3.7	4
5	Position-isomerization-induced switch effect of mechanofluorochromism and mechanoluminescence on carbazolybenzo[d]imidazoles. Dyes and Pigments, 2020, 172, 107845.	3.7	11
6	Deep insight into reasons for the mechanoluminescence phenomenon of triphenylamine-substituted imidazoles and their distinct mechano-fluorochromic behaviours. RSC Advances, 2020, 10, 23187-23195.	3.6	13
7	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. Physical Chemistry Chemical Physics, 2019, 21, 1399-1407.	2.8	7
8	Side chain effects on the solid-state emission behaviours and mechano-fluorochromic activities of 10 <i>H</i> -phenothiazinylbenzo[d]imidazoles. RSC Advances, 2019, 9, 30381-30388.	3.6	7
9	Two Polymorphs of Triphenylamine-substituted Benzo[d]imidazole: Mechanoluminescence with Different Colors and Mechanofluorochromism with Emission Shifts in Opposite Direction. Acta Chimica Sinica, 2019, 77, 1194.	1.4	12
10	Emission behaviours of novel V- and X-shaped fluorophores in response to pH and force stimuli. Physical Chemistry Chemical Physics, 2017, 19, 11563-11570.	2.8	10
11	Tunable solid state emission of novel V-shaped fluorophores by subtle structure modification: polymorphism, mechanofluoro-chromism and micro-fabrication. RSC Advances, 2017, 7, 50720-50728.	3.6	13
12	An ICT-based colorimetric and ratiometric fluorescent probe for hydrogen sulfide and its application in live cell imaging. RSC Advances, 2016, 6, 33031-33035.	3.6	14
13	Multi-stimuli response of a novel half-cut cruciform and its application as a security ink. Journal of Materials Chemistry C, 2016, 4, 9350-9358.	5.5	58
14	Detection of cyanide by a novel probe with a V-shaped structure based on aggregation of the probe adduct. RSC Advances, 2016, 6, 85787-85794.	3.6	12
15	A facile naphthalene-based fluorescent chemodosimeter for mercury ions in aqueous solution. RSC Advances, 2015, 5, 16723-16726.	3.6	29
16	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. New Journal of Chemistry, 2015, 39, 6465-6473.	2.8	22
17	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. Physical Chemistry Chemical Physics, 2015, 17, 3287-3294.	2.8	19
18	Recent Progress on Routes to Spirooxindole Systems Derived from Isatin. Journal of Heterocyclic Chemistry, 2014, 51, 539-554.	2.6	109

#	ARTICLE	IF	CITATIONS
19	(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
20	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
21	Two new sesquiterpenes from <i>Ligularia dictyoneura</i> . <i>Phytochemistry Letters</i> , 2013, 6, 315-317.	1.2	6
22	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
23	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
24	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
25	Difluoro[2-(quinolin-2-yl)phenolato]borane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1049-o1049.	0.2	4
26	Accelerated Amination of Baylis–Hillman Acetates Under Ultrasound Irradiation. <i>Synthetic Communications</i> , 2010, 40, 1954-1962.	2.1	4
27	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
28	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
29	Ultrasound-promoted access to Baylis–Hillman amines. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 743-746.	8.2	12
30	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
31	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
32	Sulfamic Acid as an Effective Catalyst in Solvent-Free Synthesis of $\alpha$ -Enaminoketone Derivatives and X-Ray Crystallography of Their Representatives. <i>Synthetic Communications</i> , 2008, 38, 1268-1278.	2.1	16
33	Novel and Efficient Approach to Fluorinated $\alpha$ -Aminobutanones Catalyzed by Molecular Iodine. <i>Synthetic Communications</i> , 2007, 37, 725-735.	2.1	4
34	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
35	Ultrasound-assisted one-pot approach to $\alpha$ -amino phosphonates under solvent-free and catalyst-free conditions. <i>Ultrasonics Sonochemistry</i> , 2007, 14, 235-240.	8.2	61
36	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

#	ARTICLE	IF	CITATIONS
37	Solid-State Synthesis of 4-((Indol-3-yl)acrylmethyl)-1-phenyl-5-methylpyrazolones by Catalysis of Molecular Iodine. <i>Synthetic Communications</i> , 2006, 36, 2389-2399.	2.1	
38	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