

# Qing-Ming Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2271401/publications.pdf>

Version: 2024-02-01

34  
papers

622  
citations

471509

17  
h-index

610901

24  
g-index

36  
all docs

36  
docs citations

36  
times ranked

843  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploration of $\hat{\pm}$ -aminophosphonate N-derivatives as novel, potent and selective inhibitors of protein tyrosine phosphatases. <i>European Journal of Medicinal Chemistry</i> , 2012, 49, 354-364.	5.5	56
2	Potent inhibition of protein tyrosine phosphatase 1B by copper complexes: implications for copper toxicity in biological systems. <i>Chemical Communications</i> , 2010, 46, 3547.	4.1	42
3	A Molecular Helix: Self-Assembly of Coordination Polymers from $d^{10}$ Metal Ions and 1,10-Phenanthroline-5,6-dione (pdon) with the Bridges of $\text{SCN}^-$ and $\text{Cl}^-$ Anions. <i>Crystal Growth and Design</i> , 2010, 10, 1706-1714.	3.0	39
4	Synthesis and evaluation of oxovanadium(IV) complexes of Schiff-base condensates from 5-substituted-2-hydroxybenzaldehyde and 2-substituted-benzenamine as selective inhibitors of protein tyrosine phosphatase 1B. <i>Dalton Transactions</i> , 2012, 41, 11116.	3.3	38
5	A novel coumarin-based fluorescent probe with fine selectivity and sensitivity for hypochlorite and its application in cell imaging. <i>Talanta</i> , 2019, 202, 190-197.	5.5	32
6	Potent inhibition of protein tyrosine phosphatases by quinquedentate binuclear copper complexes: synthesis, characterization and biological activities. <i>Dalton Transactions</i> , 2011, 40, 12926.	3.3	28
7	Rhodamine derivatives as selective "naked-eye" colorimetric and fluorescence off-on sensor for $\text{Hg}^{2+}$ in aqueous solution and its applications in bioimaging. <i>Journal of Luminescence</i> , 2019, 209, 411-419.	3.1	28
8	Potent and selective inhibition of T-cell protein tyrosine phosphatase (TCPTP) by a dinuclear copper( $\text{Cu}^{II}$ ) complex. <i>Chemical Communications</i> , 2012, 48, 1153-1155.	4.1	27
9	A novel turn on and reversible sensor for $\text{Al}^{3+}$ and its applications in bioimaging. <i>Journal of Luminescence</i> , 2018, 203, 113-120.	3.1	25
10	A simple fluorescein derived colorimetric and fluorescent "off-on" sensor for the detection of hypochlorite. <i>Analytical Methods</i> , 2018, 10, 4562-4569.	2.7	24
11	New fluorescent chemosensors based on mononuclear copper complex for highly selective and sensitive detection of phosphate anion in aqueous solution and living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 207, 96-104.	3.9	21
12	Synthesis, X-ray crystal structure, DNA/protein binding and cytotoxicity studies of five $\hat{\pm}$ -aminophosphonate N-derivatives. <i>Bioorganic Chemistry</i> , 2016, 69, 132-139.	4.1	20
13	Modulation of fluorescence sensing properties of coumarin-based fluorescent probe for $\text{H}_2\text{S}$ and its application in cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 221, 117187.	3.9	19
14	High selectivity and reversibility/reusability red emitting fluorescent probe for copper ions detection and imaging in living cells. <i>Journal of Luminescence</i> , 2019, 206, 125-131.	3.1	19
15	A fluorescence turn-on sensor for aluminum ion by a naphthaldehyde derivative. <i>Journal of Molecular Structure</i> , 2016, 1109, 127-130.	3.6	18
16	Highly sensitive and selective fluorescent "turn-on" probe for determination of aluminum ion in aqueous solution. <i>Spectroscopy Letters</i> , 2016, 49, 80-84.	1.0	18
17	A new coumarin-based fluorescence "turn-on" sensor for $\text{Al(III)}$ ions and its bioimaging in cell. <i>Journal of Molecular Structure</i> , 2019, 1197, 73-79.	3.6	18
18	A highly selective, fast-response and fluorescent turn on chemosensor for the detection of $\text{Cu}^{2+}$ ions and its potential applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 357, 149-155.	3.9	17

#	ARTICLE	IF	CITATIONS
19	Synthesis, X-ray crystal structure, DNA/BSA binding, DNA cleavage and cytotoxicity studies of phenanthroline based copper(II)/zinc(II) complexes. <i>BioMetals</i> , 2017, 30, 575-587.	4.1	16
20	Four mononuclear platinum(II) complexes: synthesis, DNA/BSA binding, DNA cleavage and cytotoxicity. <i>BioMetals</i> , 2017, 30, 17-26.	4.1	16
21	Two coumarin-based turn-on fluorescent probes based on for hypochlorous acid detection and imaging in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 211, 239-245.	3.9	16
22	Mitochondria-targeting turn-on fluorescent probe for HClO detection and imaging in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117825.	3.9	15
23	A highly selective and sensitive turn-on fluorescent probe for the detection of Al <sup>3+</sup> and its bioimaging. <i>Luminescence</i> , 2017, 32, 779-785.	2.9	14
24	Two highly sensitive and selective coumarin-based fluorometric probes for the detection of ClO <sup>-</sup> and cell imaging. <i>Analytical Methods</i> , 2019, 11, 1916-1922.	2.7	10
25	A highly specific and sensitive turn-on fluorescence probe for hypochlorite detection and its bioimaging applications. <i>RSC Advances</i> , 2019, 9, 15926-15932.	3.6	8
26	A Fluorescence Turn-on Probe for Al(III) Based on a Naphthaldehyde Derivative. <i>Chemistry Letters</i> , 2017, 46, 1605-1607.	1.3	7
27	Isonicotinoylhydrazide modified 3-acetylcoumarin scaffold as an efficient chemical reversible sensor to detect Al <sup>3+</sup> selectively and its application in live cells imaging. <i>Synthetic Communications</i> , 2019, 49, 2501-2511.	2.1	7
28	A multifunctional fluorescence sensor for Cd <sup>2+</sup> , PO <sub>4</sub> <sup>3-</sup> and Cr <sup>3+</sup> in different system and the practical application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 201, 216-222.	3.9	6
29	A Fluorescent Probe with a Significant Selective Turn-on Response for HClO Detection and Bioimaging in Living Cells. <i>ChemistrySelect</i> , 2019, 4, 7425-7430.	1.5	5
30	An optical material for the detection of trace S <sub>2</sub> O <sub>3</sub> <sup>2-</sup> in milk based on a copper complex. <i>BioMetals</i> , 2017, 30, 441-447.	4.1	3
31	Selective naked eye and turn-on fluorescence for detection of D-3-HB based on an erbium complex. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 354, 175-180.	3.9	3
32	A Highly Selective Turn-on Fluorescent Probe for B <sub>4</sub> O <sub>7</sub> <sup>2-</sup> Based On Naphthaldehyde Derivative. <i>ChemistrySelect</i> , 2019, 4, 2379-2382.	1.5	2
33	Crystal structure of diethyl [(4-nitrophenylamino)(2-hydroxyphenyl)methyl]phosphonate methanol monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o1053-o1054.	0.2	0
34	Crystal structure of diethyl [(4-chloroanilino)(4-hydroxyphenyl)methyl]phosphonateN,N-dimethylformamide monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o919-o920.	0.2	0