

Zhonglong Wang

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

815

citations

17

h-index

24

g-index

85

ext. papers

1,135

ext. citations

4.1

avg, IF

4.48

L-index

#	Paper	IF	Citations
82	Design, synthesis and anticancer activity of novel nopinone-based thiosemicarbazone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 2360-2363	2.9	42
81	Design, synthesis and biological evaluation of novel Epinene-based thiazole derivatives as potential anticancer agents via mitochondrial-mediated apoptosis pathway. <i>Bioorganic Chemistry</i> , 2019 , 84, 468-477	5.1	39
80	Synthesis, in vitro antimicrobial and cytotoxic activities of new carbazole derivatives of ursolic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 554-7	2.9	35
79	Preparation and Characterization of Cellulose Grafted with Epoxidized Soybean Oil Aerogels for Oil-Absorbing Materials. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 637-643	5.7	35
78	A novel nopinone-based colorimetric and ratiometric fluorescent probe for detection of bisulfite and its application in food and living cells. <i>Dyes and Pigments</i> , 2019 , 171, 107702	4.6	32
77	Design, synthesis and in vitro anticancer activity of novel quinoline and oxadiazole derivatives of ursolic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 4128-4132	2.9	32
76	Synthesis and biological evaluation of novel N-substituted 1H-dibenzo[a,c]carbazole derivatives of dehydroabiatic acid as potential antimicrobial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 328-31	2.9	31
75	Synthesis and characteristics of tung oil-based acrylated-alkyd resin modified by isobornyl acrylate. <i>RSC Advances</i> , 2017 , 7, 30439-30445	3.7	28
74	A novel isolongifolanone based fluorescent probe with super selectivity and sensitivity for hypochlorite and its application in bio-imaging. <i>Analytica Chimica Acta</i> , 2019 , 1051, 169-178	6.6	27
73	Synthesis and in vitro cytotoxic evaluation of new 1H-benzo[d]imidazole derivatives of dehydroabiatic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 1296-1300	2.9	23
72	Metal Nitrate Catalysis for Selective Oxidation of 5-Hydroxymethylfurfural into 2,5-Diformylfuran under Oxygen Atmosphere. <i>ACS Omega</i> , 2019 , 4, 7054-7060	3.9	23
71	Three novel camphor-based fluorescence probes for ratiometric detection of hypochlorite and bio-imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2019 , 284, 148-158	8.5	23
70	A Novel Camphor-Based Turn-on Fluorescent Probe with High Specificity and Sensitivity for Sensing Mercury(II) in Aqueous Medium and Its Bioimaging Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 12348-12359	8.3	19
69	Synthesis and Evaluation of New Quinoxaline Derivatives of Dehydroabiatic Acid as Potential Antitumor Agents. <i>Molecules</i> , 2017 , 22,	4.8	18
68	Synthesis, optical properties, and cellular imaging of novel quinazolin-2-amine nopinone derivatives. <i>Dyes and Pigments</i> , 2016 , 128, 75-83	4.6	17
67	A novel hexahydroquinazolin-2-amine-based fluorescence sensor for Cu ²⁺ from isolongifolanone and its biological applications. <i>RSC Advances</i> , 2017 , 7, 33263-33272	3.7	17
66	An easily available camphor-derived ratiometric fluorescent probe with AIE feature for sequential Ga ³⁺ and ATP sensing in a near-perfect aqueous media and its bio-imaging in living cells and mice. <i>Sensors and Actuators B: Chemical</i> , 2020 , 320, 128249	8.5	17

65	A highly sensitive and selective fluorescent probe for quantitative detection of Al in food, water, and living cells.. <i>RSC Advances</i> , 2019 , 9, 10414-10419	3.7	15
64	Gold-Catalyzed Dehydrogenative Cycloisomerization of 1,4-Enyne Esters to 3,5-Disubstituted Phenol Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 4359-4368	5.6	14
63	A simple camphor based AIE fluorescent probe for highly specific and sensitive detection of hydrazine and its application in living cells. <i>Analytical Methods</i> , 2019 , 11, 3958-3965	3.2	12
62	Nopinone-based AIE-active dual-functional fluorescent chemosensor for Hg and Cu and its environmental and biological applications. <i>Dalton Transactions</i> , 2020 , 49, 15299-15309	4.3	12
61	Synthesis and biological evaluation of 2-aryl-benzimidazole derivatives of dehydroabiatic acid as novel tubulin polymerization inhibitors.. <i>RSC Advances</i> , 2018 , 8, 17511-17526	3.7	12
60	Efficient energy transfer in a tri-chromophoric dyad containing BODIPYs and corrole based on a truxene platform. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 777-783	1.8	12
59	Two D-EA type fluorescent probes based on isolongifolanone for sensing acidic pH with large Stokes shifts. <i>Tetrahedron</i> , 2018 , 74, 3030-3037	2.4	11
58	Isolongifolanone-based molecular fluorescence marker for imaging endogenous Zn ²⁺ in vivo. <i>Tetrahedron</i> , 2017 , 73, 5912-5919	2.4	11
57	Off-on-off type of selectively pH-sensing 8-hydroxyquinoline-substituted gallium(III) corrole. <i>New Journal of Chemistry</i> , 2019 , 43, 18012-18017	3.6	11
56	A novel nopinone-based fluorescent probe for colorimetric and ratiometric detection of hypochlorite and its applications in water samples and living cells. <i>Analyst, The</i> , 2020 , 145, 1033-1040	5	10
55	Factors influencing the morphology and adsorption performance of cellulose nanocrystal/iron oxide nanorod composites for the removal of arsenic during water treatment. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 1418-1424	7.9	10
54	Antioxidant Properties of Camphene-Based Thiosemicarbazones: Experimental and Theoretical Evaluation. <i>Molecules</i> , 2020 , 25,	4.8	9
53	A novel tetrahydroquinazolin-2-amine-based high selective fluorescent sensor for Zn ²⁺ from nopinone. <i>Tetrahedron</i> , 2016 , 72, 4503-4509	2.4	9
52	Gold(I)-Catalyzed Tandem Cycloisomerization and Fluorination of 1,3(4)-Enyne Esters with NFSI: One-Pot Assembly of 5-Fluoro- Cyclopentenones. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 3700-3708	5.6	9
51	Synthesis, Antitumor and Anti-inflammatory Activities of Isolongifolanonyl Pyrazole Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2016 , 36, 2183	3	9
50	Synthesis, optical properties, and acid-base indicating performance of novel ketene hydroxybenzylidene nopinone derivatives. <i>RSC Advances</i> , 2016 , 6, 111760-111766	3.7	8
49	A nopinone based multi-functional probe for colorimetric detection of Cu and ratiometric detection of Ag. <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 49-55	4.2	8
48	Novel Nopinone-Based Turn-on Fluorescent Probe for Hydrazine in Living Cells with High Selectivity. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 22754-22762	3.9	8

47	A novel dual-response fluorescent probe based on nopinone for discriminative detection of hydrazine and bisulfate from different emission channels. <i>Tetrahedron Letters</i> , 2020 , 61, 152103	2	7
46	FACILE AND EFFICIENT SYNTHESIS OF ISOLONGIFOLENONE. <i>Organic Preparations and Procedures International</i> , 2008 , 40, 405-410	1.1	7
45	Red/NIR neutral BODIPY-based fluorescent probes for lighting up mitochondria. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 248, 119199	4.4	7
44	Synthesis, optical properties and application of a set of novel pyrazole nopinone derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 183, 60-67	4.4	6
43	Fluorescence staining of salicylaldehyde azine, and applications in the determination of potassium tert-butoxide. <i>RSC Advances</i> , 2016 , 6, 30636-30641	3.7	6
42	Novel Bis-Camphor-Derived Colorimetric and Fluorescent Probe for Rapid and Visual Detection of Cysteine and Its Versatile Applications in Food Analysis and Biological Imaging.. <i>Journal of Agricultural and Food Chemistry</i> , 2022 ,	5.7	6
41	Gold-Catalyzed Cycloisomerization/Halogenation Sequence of 1,3-Enyne Esters with NXS: Efficient Synthesis of 5-Bromo/Iodo Cyclopentenones. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 999-1007	3.2	6
40	Recent developments in dipyrin based metal complexes: Self-assembled nanoarchitectures and materials applications. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 646-661	1.8	6
39	WSF-P-1, a novel AMPK activator, promotes adiponectin multimerization in 3T3-L1 adipocytes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017 , 81, 1529-1535	2.1	5
38	Synthesis and antitumor activity of 2-isocamphanlyl thiosemicarbazone derivatives via ROS-enhanced mitochondrial damage. <i>Chemical Biology and Drug Design</i> , 2019 , 94, 1281-1291	2.9	5
37	Nopinone-based aggregation-induced emission (AIE)-active difluoroboron β -diketonate complex: photophysical, electrochemical and electroluminescence properties.. <i>RSC Advances</i> , 2018 , 8, 30055-30060	3.7	5
36	Synthesis and Biological Activity of Novel Pinanyl Pyrazole Acetamide Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2017 , 37, 218	3	5
35	Functionalized expanded corn starch-anchored Cu(I): An efficient and recyclable catalyst for oxidation of 5-hydroxymethylfurfural to 2,5-diformylfuran. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5411	3.1	5
34	Highly efficient coumarin-derived colorimetric chemosensors for sensitive sensing of fluoride ions and their applications in logic circuits. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 255, 119718	4.4	5
33	WSF-7 Inhibits Obesity-Mediated PPAR α Phosphorylation and Improves Insulin Sensitivity in 3T3-L1 Adipocytes. <i>Biological and Pharmaceutical Bulletin</i> , 2020 , 43, 526-532	2.3	4
32	Synthesis, in vitro Antimicrobial, and Cytotoxic Activities of New 1,3,4-Oxadiazin-5(6H)-one Derivatives from Dehydroabietic Acid. <i>Journal of the Chinese Chemical Society</i> , 2018 , 65, 538-547	1.5	4
31	Chemical characterization of smoke from the production process of wood-plastic composites. <i>Forestry Studies in China</i> , 2007 , 9, 57-62		4
30	A novel berberine-based colorimetric and fluorimetric probe for hydrazine detection. <i>New Journal of Chemistry</i> , 2020 , 44, 15752-15757	3.6	4

29	Thermo-/pH-responsive preservative delivery based on TEMPO cellulose nanofiber/cationic copolymer hydrogel film in fruit packaging. <i>International Journal of Biological Macromolecules</i> , 2021 , 183, 1911-1924	7.9	4
28	Two ultrafast responsive isolongifolanone based fluorescent probes for reversible and sensitive visualization of toxic BF ₃ in solution and in gas phase. <i>Sensors and Actuators B: Chemical</i> , 2020 , 304, 127083	8.5	4
27	Pyrazole ring-containing isolongifolanone derivatives as potential CDK2 inhibitors: Evaluation of anticancer activity and investigation of action mechanism. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 139, 111663	7.5	4
26	Development of a ratiometric fluorescent probe with large Stokes shift and emission wavelength shift for real-time tracking of hydrazine and its multiple applications in environmental analysis and biological imaging. <i>Journal of Hazardous Materials</i> , 2022 , 422, 126891	12.8	4
25	Pore-ridge nanostructures on the surface of trichoid sensilla of the male silkworm <i>Bombyx mori</i> : Aerodynamic trapping and transporting of the pheromone molecules. <i>Arthropod Structure and Development</i> , 2019 , 52, 100875	1.8	3
24	Synthesis and antitumor activity of isolongifoleno[7,8-d]thiazolo[3,2-a]pyrimidine derivatives via enhancing ROS level. <i>Chemical Biology and Drug Design</i> , 2019 , 94, 1457-1466	2.9	3
23	Metal-Free Epoxidation of Internal and Terminal Alkenes with tert-Butyl Hydroperoxide/Isobutyraldehyde/Oxygen System. <i>ChemistrySelect</i> , 2018 , 3, 4818-4821	1.8	3
22	A novel AIE-active camphor-based fluorescent probe for simultaneous detection of Al and Zn at dual channels in living cells and zebrafish. <i>Analyst, The</i> , 2021 ,	5	3
21	Design, Synthesis and Biological Evaluation of the Quinazoline Derivatives as L858R/T790M/C797S Triple Mutant Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors. <i>Chemical and Pharmaceutical Bulletin</i> , 2020 , 68, 971-980	1.9	3
20	A novel dual functional pyrene-based turn-on fluorescent probe for hypochlorite and copper (II) ion detection and bioimaging applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 239, 118470	4.4	3
19	Novel camphor-based pyrimidine derivatives induced cancer cell death through a ROS-mediated mitochondrial apoptosis pathway.. <i>RSC Advances</i> , 2019 , 9, 29711-29720	3.7	3
18	Discovery of a novel camphor-based fluorescent probe for Co in fresh vegetables with high selectivity and sensitivity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 248, 119213	4.4	3
17	Colorimetric and turn-on fluorescent chemosensor with large stokes shift for sensitively probing cyanide anion in real samples and living systems.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 271, 120882	4.4	2
16	Oxidative Esterification of Aldehydes and Alcohols Catalyzed by Camphor-Based Imidazolium Salts. <i>Catalysis Letters</i> , 2020 , 150, 1812-1820	2.8	2
15	Synthesis and Antiproliferative Activity of Isolongifolanone Pyrazoline Derivatives Inducing Intracellular ROS Accumulation. <i>Pharmaceutical Chemistry Journal</i> , 2019 , 53, 706-712	0.9	2
14	A highly effective "turn-on" camphor-based fluorescent probe for rapid and sensitive detection and its biological imaging of Fe. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 6267-6277	4.4	2
13	A novel berberine-based colorimetric and fluorometric probe for Hg ²⁺ detection and its applications in water samples. <i>Inorganic Chemistry Communication</i> , 2021 , 132, 108847	3.1	2
12	An Efficient Synthesis of 3,5-Dimethoxy-2,4-Difluorobenzoic Acid. <i>Journal of Chemical Research</i> , 2017 , 41, 239-240	0.6	1

11	Substituted Acene Derivatives: Synthesis, Optical Property and Self-assembly Behavior. <i>ChemistrySelect</i> , 2018 , 3, 2692-2696	1.8	1
10	Quantitatively analysis and detection of CN in three food samples by a novel nopinone-based fluorescent probe.. <i>Food Chemistry</i> , 2022 , 379, 132153	8.5	1
9	An isocamphanlyl-based fluorescent "turn-on" probe for highly sensitive and selective detection of Ga and application and. <i>Analyst, The</i> , 2021 , 146, 7294-7305	5	1
8	A Novel Schiff Base-Modified Dialdehyde Cellulose-Based Fluorescent Probe for Al and Its Application in Environmental Analysis. <i>Macromolecular Rapid Communications</i> , 2021 , 43, e2100608	4.8	1
7	A practical synthesis of 3-chloro-2,4-difluoro-5-hydroxybenzoic acid. <i>Journal of Chemical Research</i> , 2021 , 45, 166-171	0.6	1
6	A novel AIE fluorescent probe based on myrtenal for Cu ²⁺ detection in a near-perfect aqueous medium and bioimaging in vegetables and zebrafish. <i>New Journal of Chemistry</i> , 2021 , 45, 15247-15254	3.6	1
5	An efficient chitosan-based naphthalimide-modified fluorescent sensor for rapid detection of 2,4-dinitrophenylhydrazine and its applications in environmental analysis. <i>European Polymer Journal</i> , 2021 , 158, 110705	5.2	1
4	A New Cellulose-Based Fluorescent Probe for Specific and Sensitive Detection of Cu ²⁺ and Its Applications in the Analysis of Environmental Water. <i>Polymers</i> , 2022 , 14, 2146	4.5	1
3	Pyrimidin-2-amine derivative-grafted cellulose ratiometric fluorescent probe for pH detection in extremely acidic media. <i>Cellulose</i> , 2021 , 28, 10441	5.5	0
2	A novel ratiometric fluorescent chemosensor for detecting malononitrile and application assisted with smartphone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 262, 120135	4.4	0
1	WSF-CT-11, a Sesquiterpene Derivative, Activates AMP-Activated Protein Kinase with Anti-diabetic Effects in 3T3-L1 Adipocytes. <i>ACS Omega</i> , 2021 , 6, 31272-31281	3.9	