

Ya-Wen Wang

List of Publications by Year in descending order

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45
papers

2,699
citations

331259

21
h-index

233125

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45
docs citations

45
times ranked

3607
citing authors

#	ARTICLE	IF	CITATIONS
1	Thioether-Based Fluorescent Covalent Organic Framework for Selective Detection and Facile Removal of Mercury(II). <i>Journal of the American Chemical Society</i> , 2016, 138, 3031-3037.	6.6	1,076
2	A colorimetric and fluorescent chemosensor for the detection of an explosive—2,4,6-trinitrophenol (TNP). <i>Chemical Communications</i> , 2011, 47, 4505.	2.2	279
3	Fluorescein-Based Chromogenic and Ratiometric Fluorescence Probe for Highly Selective Detection of Cysteine and Its Application in Bioimaging. <i>Analytical Chemistry</i> , 2017, 89, 1937-1944.	3.2	216
4	A fluorescent probe for relay recognition of homocysteine and Group IIIA ions including Ga(<i>III</i>). <i>Chemical Communications</i> , 2016, 52, 827-830.	2.2	97
5	Two fluorescein-based chemosensors for the fast detection of 2,4,6-trinitrophenol (TNP) in water. <i>Chemical Communications</i> , 2017, 53, 10524-10527.	2.2	93
6	Colorimetric and Fluorescent Chemosensors for the Detection of 2,4,6-Trinitrophenol and Investigation of their Co-Crystal Structures. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1321-1330.	1.7	78
7	A Terbium(III)-Complex-Based On-Off Fluorescent Chemosensor for Phosphate Anions in Aqueous Solution and Its Application in Molecular Logic Gates. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4415-4422.	4.0	65
8	A fluorescein-based chemosensor for relay fluorescence recognition of Cu(<i>II</i>) ions and biothiols in water and its applications to a molecular logic gate and living cell imaging. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4115-4121.	1.5	63
9	Divergent Asymmetric Syntheses of Podophyllotoxin and Related Family Members via Stereoselective Reductive Ni-Catalysis. <i>Organic Letters</i> , 2018, 20, 1651-1654.	2.4	59
10	Sensitive fluorescence on-off probes for the fast detection of a chemical warfare agent mimic. <i>Journal of Hazardous Materials</i> , 2018, 342, 10-19.	6.5	53
11	Stereospecific Synthesis of Tetrahydronaphtho[2,3- <i>b</i>]furans Enabled by a Nickel-Promoted Tandem Reductive Cyclization. <i>Organic Letters</i> , 2016, 18, 5170-5173.	2.4	51
12	A water-soluble dual-site fluorescent probe for the rapid detection of cysteine with high sensitivity and specificity. <i>Chemical Communications</i> , 2019, 55, 11762-11765.	2.2	51
13	Synthesis, radii dependent self-assembly crystal structures and luminescent properties of rare earth (III) complexes with a tripodal salicylic derivative. <i>Dalton Transactions</i> , 2010, 39, 9013.	1.6	48
14	A NIR fluorescent probe for rapid turn-on detection and bioimaging of hypochlorite anion. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130484.	4.0	42
15	A Series of Fluorescent and Colorimetric Chemodosimeters for Selective Recognition of Cyanide Based on the FRET Mechanism. <i>Journal of Organic Chemistry</i> , 2017, 82, 6259-6267.	1.7	36
16	Total synthesis of (±)-sacidum lignans D and A through Ueno's Stork radical cyclization reaction. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2498.	1.5	32
17	An Iminocoumarin Sulfonamide Based Turn-On Fluorescent Probe for the Detection of Biothiols in Aqueous Solution. <i>Chemistry - an Asian Journal</i> , 2015, 10, 422-426.	1.7	32
18	Structure Variation and Luminescence Properties of Lanthanide Complexes Incorporating a Naphthalene-Derived Chromophore Featuring Salicylamide Pendant Arms. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1901-1912.	1.0	31

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19	Ratiometric detection and bioimaging of endogenous alkaline phosphatase by a NIR fluorescence probe. <i>Sensors and Actuators B: Chemical</i> , 2022, 358, 131505.	4.0	27
20	A variety of metal-organic and supramolecular networks constructed from a new flexible multifunctional building block bearing picolinate and terephthalate functionalities: hydrothermal self-assembly, structural features, magnetic and luminescent properties. <i>RSC Advances</i> , 2015, 5, 87484-87495.	1.7	25
21	Divergent Total Syntheses of C ₃ -Linked Diketopiperazine Alkaloids (+)-Asperazine and (+)-Pestalazine Enabled by a Ni-Catalyzed Reductive Coupling of Tertiary Alkyl Chloride. <i>Chemistry - A European Journal</i> , 2019, 25, 989-992.	1.7	23
22	Fluorescent sensors for Ca ²⁺ and Pb ²⁺ based on binaphthyl derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 322-326.	2.0	21
23	A quinoline-based chromogenic and ratiometric fluorescent probe for selective detection of Mg ²⁺ ion: Design, synthesis and its application in salt lake brines and bioimaging. <i>Dyes and Pigments</i> , 2021, 185, 108896.	2.0	20
24	Unified Synthesis of (â€“)-Folicanthine and (â€“)-Ditryptophenaline Enabled by a Room Temperature Nickel-Mediated Reductive Dimerization. <i>Synthesis</i> , 2014, 46, 1908-1916.	1.2	17
25	Syntheses of three terbium complexes as fluorescent probes and their application on the pH detection of routine urine test. <i>Chinese Chemical Letters</i> , 2017, 28, 2009-2013.	4.8	16
26	Exploring biphenyl-2,4,4-tricarboxylic acid as a flexible building block for the hydrothermal self-assembly of diverse metal-organic and supramolecular networks. <i>CrystEngComm</i> , 2016, 18, 765-778.	1.3	15
27	Nickel-Promoted Reductive Cyclization Cascade: A Short Synthesis of a New Aromatic Strigolactone Analogue. <i>Synthesis</i> , 2017, 49, 3576-3581.	1.2	15
28	A novel near-infrared fluorescent probe based on isophorone for the bioassay of endogenous cysteine. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 873-877.	1.5	14
29	Spectroscopic and Crystal Structure of Europium(III) Picrate Complexes with Novel BINOL Derivatives. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 482-486.	0.6	13
30	Concise Synthesis of (+)-Î²- and Î³-Apopicropodophyllins, and Dehydrodesoxy-podophyllotoxin. <i>Molecules</i> , 2018, 23, 3037.	1.7	13
31	Base-promoted addition of DMA with 1,1-diarylethylenes: application to a total synthesis of (â€“)-sacidumlignan B. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2054-2057.	1.5	13
32	Studies on 1H NMR, infrared and fluorescence spectra of rare earth complexes with a new binaphthylamide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 2459-2463.	2.0	11
33	Rapid sensing and imaging of methylglyoxal in living cells enabled by a near-infrared fluorescent probe. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 4782-4786.	1.5	11
34	A Double-Site Chemodosimeter for Selective Fluorescence Detection of a Nerve Agent Mimic. <i>Molecules</i> , 2022, 27, 489.	1.7	8
35	A colorimetric proton receptor for low pH values based on a pyrene-spiropyran conjugate. <i>Supramolecular Chemistry</i> , 2013, 25, 116-120.	1.5	6
36	Recent advances in the total synthesis of 2,7-cyclolignans. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1623-1636.	1.5	6

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37	Ni-Catalyzed Intramolecular Reductive 1,2-Dicarbonylfunctionalization of Alkene: Facile Access to Podophyllum Lignans Core. <i>Synlett</i> , 2021, 32, 1662-1664.	1.0	5
38	Total syntheses of (+)-adunctins C and D: assignment of their absolute configurations. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9840-9843.	1.5	4
39	Structure and fluorescence properties of a europium complex with N-ethyl-2-{2-[(ethylphenylcarbamoyl) methoxy]-[1,1'-binaphthalenyl-2-yloxy]}-N-phenylacetamide. <i>Journal of Coordination Chemistry</i> , 2005, 58, 701-711.	0.8	3
40	(1R,4R,7S)-1,7-Dimethyl-7-(phenylsulfonylmethyl)spiro[bicyclo[2.2.1]heptane-2,1,3-dioxolane]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o57-o57.	0.2	3
41	A Rapid Near-Infrared Fluorescent Probe for Cysteine Based on Isophorone and its Application in B16 Cell Imaging. <i>Journal of Fluorescence</i> , 2022, 32, 1661-1667.	1.3	3
42	(S)-2-(Iodomethyl)-1-tosylpyrrolidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o56-o56.	0.2	2
43	Crystal Structure of Bis(benzoylacetato)methanolzinc(II). <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006, 22, X279-X280.	0.1	1
44	Methyl 2-(1,3-dioxoisindolin-2-yl)acrylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o296-o296.	0.2	1
45	N-(4-Bromobenzoyl)-N,N'-dicyclohexylurea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o160-o160.	0.2	1