

Ya-Wen Wang

List of Publications by Citations

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41
papers

2,036
citations

18
h-index

45
g-index

45
ext. papers

2,396
ext. citations

5
avg, IF

5.07
L-index

#	Paper	IF	Citations
41	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, 3031-7	16.4	788
40	A colorimetric and fluorescent chemosensor for the detection of an explosive--2,4,6-trinitrophenol (TNP). <i>Chemical Communications</i> , 2011 , 47, 4505-7	5.8	245
39	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	7.8	177
38	A fluorescent probe for relay recognition of homocysteine and Group IIIA ions including Ga(III). <i>Chemical Communications</i> , 2016 , 52, 827-30	5.8	84
37	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, 1321-30	4.5	71
36	Two fluorescein-based chemosensors for the fast detection of 2,4,6-trinitrophenol (TNP) in water. <i>Chemical Communications</i> , 2017 , 53, 10524-10527	5.8	67
35	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, 4418-22	8.5	54
34	A fluorescein-based chemosensor for relay fluorescence recognition of Cu(ii) 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	3.9	48
33	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, 9013-21	4.3	48
32	Stereospecific Synthesis of Tetrahydronaphtho[2,3-b]furans Enabled by a Nickel-Promoted Tandem Reductive Cyclization. <i>Organic Letters</i> , 2016 , 18, 5170-5173	6.2	42
31	Divergent Asymmetric Syntheses of Podophyllotoxin and Related Family Members via Stereoselective Reductive Ni-Catalysis. <i>Organic Letters</i> , 2018 , 20, 1651-1654	6.2	41
30	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	12.8	34
29	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	4.2	31
28	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	2.3	31
27	An iminocoumarin sulfonamide based turn-on fluorescent probe for the detection of biothiols in aqueous solution. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 422-6	4.5	29
26	Total synthesis of (±)-sacidumlignans D and A through Ueno-Stork radical cyclization reaction. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 2498-513	3.9	27
25	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	5.8	25

24	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	3.7	23
23	Fluorescent sensors for Ca(2+) and Pb(2+) based on binaphthyl derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 72, 322-6	4.4	17
22	Divergent Total Syntheses of C3 α -C7 Linked Diketopiperazine Alkaloids (+)-Asperazine and (+)-Pestalazine A Enabled by a Ni-Catalyzed Reductive Coupling of Tertiary Alkyl Chloride. <i>Chemistry - A European Journal</i> , 2019 , 25, 989-992	4.8	15
21	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	3.3	14
20	Unified Synthesis of (E)-Folicanthine and (E)-Ditryptophenaline Enabled by a Room Temperature Nickel-Mediated Reductive Dimerization. <i>Synthesis</i> , 2014 , 46, 1908-1916	2.9	14
19	Nickel-Promoted Reductive Cyclization Cascade: A Short Synthesis of a New Aromatic Strigolactone Analogue. <i>Synthesis</i> , 2017 , 49, 3576-3581	2.9	13
18	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	8.1	13
17	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	1.3	13
16	Studies on ¹ H 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, 2459-63	4.4	11
15	A NIR fluorescent probe for rapid turn-on detection and bioimaging of hypochlorite anion. <i>Sensors and Actuators B: Chemical</i> , 2021 , 346, 130484	8.5	9
14	Base-promoted addition of DMA with 1,1-diarylethylenes: application to a total synthesis of (-)-sacidumignan B. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 2054-2057	3.9	6
13	A colorimetric proton receptor for low pH values based on a pyrene- π -propiopyran conjugate. <i>Supramolecular Chemistry</i> , 2013 , 25, 116-120	1.8	6
12	Ratiometric detection and bioimaging of endogenous alkaline phosphatase by a NIR fluorescence probe. <i>Sensors and Actuators B: Chemical</i> , 2022 , 358, 131505	8.5	6
11	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	3.9	6
10	Concise Synthesis of (+)- β and β -Apopicropodophyllins, and Dehydrodesoxy podophyllotoxin. <i>Molecules</i> , 2018 , 23,	4.8	5
9	Structure and fluorescence properties of a europium complex with N-ethyl-2- $\{2-[(\text{ethylphenylcarbamoyl})\text{ methoxy}]-[1,1']\text{binaphthalenyl-2-yloxy}\}$ -N-phenylacetamide. <i>Journal of Coordination Chemistry</i> , 2005 , 58, 701-711	1.6	3
8	(1R,4R,7S)-1,7-Dimethyl-7-(phenyl-sulfonyl-meth-yl)spiro-[bicyclo-[2.2.1]heptane-2,2V1,3-dioxolane]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 64, o57		3
7	Ni-Catalyzed Intramolecular Reductive 1,2-Dicarbonylfunctionalization of Alkene: Facile Access to Podophyllum Lignans Core. <i>Synlett</i> , 2020 , 32,	2.2	3

6	(S)-2-(Iodo-meth-yl)-1-tosyl-pyrrolidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 64, o56		2
5	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	4.6	2
4	Crystal Structure of Bis(benzoylacetato)methanolzinc(II). <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X279-X280		1
3	Methyl 2-(1,3-dioxoisindolin-2-yl)acrylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 64, o296		1
2	N-(4-Bromo-benzo-yl)-N,N'dicyclo-hexyl-urea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 64, o160		1
1	Total syntheses of (+)-adunctins C and D: assignment of their absolute configurations. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 9840-9843	3.9	0