

# Jehâ€Jeng Wang

## List of Publications by Year in descending order

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94  
papers

2,431  
citations

172457

29  
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243625

44  
g-index

110  
all docs

110  
docs citations

110  
times ranked

2586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient synthesis of unsymmetrical disulfides. <i>Tetrahedron</i> , 2011, 67, 8895-8901.	1.9	107
2	Facile, Selective, and Regiocontrolled Synthesis of Oxazolines and Oxazoles Mediated by $ZnI_2$ and $FeCl_3$ . <i>Organic Letters</i> , 2012, 14, 4478-4481.	4.6	103
3	$I_2$ -TBHP-Catalyzed Oxidative Cross-Coupling of <i>N</i> -Sulfonyl Hydrazones and Isocyanides to 5-Aminopyrazoles. <i>Organic Letters</i> , 2015, 17, 1521-1524.	4.6	93
4	Iodine-promoted cyclization of <i>N</i> -propynyl amides and <i>N</i> -allyl amides via sulfonylation and sulfenylation. <i>Chemical Communications</i> , 2016, 52, 11410-11413.	4.1	79
5	Design, Synthesis, and Biological Evaluation of Pyrrolo[2,1- <i>c</i> ][1,4]benzodiazepine and Indole Conjugates as Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1442-1449.	6.4	71
6	Metal-Free, Acid-Promoted Synthesis of Imidazole Derivatives via a Multicomponent Reaction. <i>Organic Letters</i> , 2013, 15, 6116-6119.	4.6	71
7	Alkene versus alkyne reactivity in unactivated 1,6-enynes: regio- and chemoselective radical cyclization with chalcogens under metal- and oxidant-free conditions. <i>Green Chemistry</i> , 2020, 22, 2288-2300.	9.0	63
8	Discovery, Synthetic Methodology, and Biological Evaluation for Antiphotaging Activity of Bicyclic[1,2,3]triazoles: In Vitro and in Vivo Studies. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5422-5435.	6.4	61
9	Iodine-Catalyzed, Stereo- and Regioselective Synthesis of 4-Arylidine- <i>H</i> -benzo[1,3]oxazines and their Applications for the Synthesis of Quinazoline Oxides. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2218-2228.	4.3	59
10	Iron-Catalyzed Oxidative Direct $\alpha$ -C-H Bond Functionalization of Cyclic Ethers: Selective $\alpha$ -O Bond Formation in the Presence of a Labile Aldehyde Group. <i>Organic Letters</i> , 2014, 16, 1912-1915.	4.6	59
11	Synthesis, and biological evaluation of 2-(4-aminophenyl)benzothiazole derivatives as photosensitizing agents. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6197-6207.	3.0	55
12	$BF_3$ -Etherate-Promoted Cascade Reaction of 2-Alkynylanilines with Nitriles: One-Pot Assembly of 4-Amido-Cinnolines. <i>Organic Letters</i> , 2016, 18, 2890-2893.	4.6	54
13	Palladium-Catalyzed Double-Isocyanide Insertion via Oxidative $N$ -O Cleavage of Acetyl Oximes: Syntheses of 2- <i>H</i> -Pyrrol-2-imines. <i>Organic Letters</i> , 2017, 19, 1172-1175.	4.6	53
14	Palladium(0)-Catalyzed Single and Double Isonitrile Insertion: A Facile Synthesis of Benzofurans, Indoles, and Isatins. <i>Chemistry - A European Journal</i> , 2015, 21, 998-1003.	3.3	51
15	Comparison of a DSB-120 DNA Interstrand Cross-Linked Adduct with the Corresponding Bis-tomaymycin Adduct: An Example of a Successful Template-Directed Approach to Drug Design Based upon the Monoalkylating Compound Tomaymycin. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 3132-3140.	6.4	47
16	A one-pot hypiodite catalysed oxidative cycloetherification approach to benzoxazoles. <i>Chemical Communications</i> , 2014, 50, 6726-6728.	4.1	46
17	Copper-Catalyzed Oxidative Coupling of Formamides with Salicylaldehydes: Synthesis of Carbamates in the Presence of a Sensitive Aldehyde Group. <i>Journal of Organic Chemistry</i> , 2014, 79, 3206-3214.	3.2	45
18	Synthesis of Carbamates by Direct $\alpha$ -H Bond Activation of Formamides. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6760-6766.	2.4	44

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19	Efficient synthesis of quinoxalines with hypervalent iodine as a catalyst. <i>Tetrahedron</i> , 2013, 69, 9735-9741.	1.9	43
20	Synthesis and biological evaluation of thiobenzanilides as anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5295-5302.	3.0	41
21	Sustainable methine sources for the synthesis of heterocycles under metal- and peroxide-free conditions. <i>Green Chemistry</i> , 2019, 21, 979-985.	9.0	41
22	An Efficient Synthesis of Pyrrolo[2,1-c][1,4]benzodiazepine. Synthesis of the Antibiotic DC-81. <i>Journal of Organic Chemistry</i> , 2001, 66, 2881-2883.	3.2	39
23	Palladium(ii)-catalysed regioselective synthesis of 3,4-disubstituted quinolines and 2,3,5-trisubstituted pyrroles from alkenes via anti-Markovnikov selectivity. <i>Chemical Communications</i> , 2015, 51, 13795-13798.	4.1	37
24	Synthesis of Sulfur-Sulfur Bond Formation from Thioamides Promoted by 2,3-Dichloro-5,6-dicyanobenzoquinone. <i>Organic Letters</i> , 2010, 12, 5570-5572.	4.6	36
25	Metal-free annulation/aerobic oxidative dehydrogenation of cyclohexanones with o-acylanilines: efficient syntheses of acridines. <i>Green Chemistry</i> , 2016, 18, 6241-6245.	9.0	35
26	A New Approach to 1,4-Oxazines and 1,4-Oxazepines via Base-Promoted Exo Mode Cyclization of Alkynyl Alcohols: Mechanism and DFT Studies. <i>Organic Letters</i> , 2012, 14, 3134-3137.	4.6	34
27	Silver(I)-Catalyzed Conia-Ene Reaction: Synthesis of $\beta$ -Pyrrolines via a $5\text{-endo-dig}$ Cyclization. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3570-3574.	4.3	31
28	An Iron-Catalyzed Cascade Approach to Benzo[ <i>b</i> ]carbazole Synthesis Followed by 1,4-Sulfonyl Migration. <i>Chemistry - A European Journal</i> , 2015, 21, 3193-3197.	3.3	31
29	DC-81-Indole Conjugate Agent Induces Mitochondria Mediated Apoptosis in Human Melanoma A375 Cells. <i>Chemical Research in Toxicology</i> , 2007, 20, 905-912.	3.3	30
30	Synthesis, DNA-binding abilities and anticancer activities of triazole-pyrrolo[2,1-c][1,4]benzodiazepines hybrid scaffolds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6854-6859.	2.2	30
31	Mild Access to N-Formylation of Primary Amines using Ethers as C1 Synthons under Metal-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3960-3968.	4.3	30
32	Regio- and chemoselective synthesis of nitrogen-containing heterocycles via the oxidative cascade cyclization of unactivated 1, <i>n</i> -enynes. <i>Chemical Communications</i> , 2020, 56, 2051-2054.	4.1	27
33	Bis(dibenzylideneacetone)palladium(0)/tert-Butyl Nitrite-Catalyzed Cyclization of $\alpha$ -Alkynylanilines with tert-Butyl Nitrite: Synthesis and Applications of Indazole 2-Oxides. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2747-2753.	4.3	26
34	Oximes as reusable templates for the synthesis of ureas and carbamates by an in situ generation of carbamoyl oximes. <i>Green Chemistry</i> , 2017, 19, 4272-4277.	9.0	26
35	Synthesis and antitumor activity of novel enediyne-linked pyrrolo[2,1-c][1,4]benzodiazepine hybrids. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1172-1180.	3.0	24
36	A convenient method to construct (Z)-oxazines via 6-exo-dig iodocyclization and synthesis of indolin-3-one. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6520.	2.8	24

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37	Copper-Catalyzed Synthesis of Substituted 4-Quinolones using Water as a Benign Reaction Media: Application for the Construction of Oxolinic Acid and BQCA. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3373-3386.	4.3	24
38	Metal-free C-H methylation and acetylation of heteroarenes with PEG-400. <i>Green Chemistry</i> , 2020, 22, 3506-3511.	9.0	23
39	Synthesis of fused triazolo[4,5-d]quinoline/chromene/thiochromene derivatives via palladium catalysis mediated by tetrabutylammonium iodide. <i>RSC Advances</i> , 2013, 3, 2710.	3.6	22
40	Sequential, One-Pot Access to Arylated Benzoquinones/Naphthoquinones from Phenols/Naphthols. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2284-2289.	2.4	22
41	A Palladium- and Copper-Catalyzed Synthesis of Dihydro[1,2-indenoindole-9-ol and Benzofuro[3,2-b]indolines: Metal-Controlled Intramolecular C-C and C-O Bond-Forming Reactions. <i>Chemistry - A European Journal</i> , 2015, 21, 17044-17050.	3.3	21
42	Chemical and Cytotoxic Constituents from the Stem of <i>Machilus zuihoensis</i> . <i>Helvetica Chimica Acta</i> , 2002, 85, 1909.	1.6	20
43	A DC-81-indole conjugate agent suppresses melanoma A375 cell migration partially via interrupting VEGF production and stromal cell-derived factor-1-mediated signaling. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 150-159.	2.8	20
44	Nickel- or Palladium-Catalyzed Stereoselective Synthesis of Tetrasubstituted Olefinic Indolines-Fused Triazoles: Extension to the Spiroindoline Core. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3679-3693.	4.3	20
45	Synthesis of Fused-Pyrazines via Palladium-Catalyzed Double Benzyl Isocyanide Insertion and Cross-Dehydrogenative Coupling. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 491-501.	4.3	20
46	Photoinduced ynamide structural reshuffling and functionalization. <i>Nature Communications</i> , 2022, 13, 2345.	12.8	20
47	A K <sub>2</sub> CO <sub>3</sub> -Mediated Regioselective Synthesis of Indole/Pyrrrole-Fused 1,4-Oxazines: An Unexpected Indole-Fused Azlactone Synthesis. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6219-6226.	2.4	19
48	Copper-catalyzed selective C-O bond formation by oxidative C(sp <sup>3</sup> )-H/O-H coupling between ethers and salicylaldehydes. <i>Tetrahedron</i> , 2015, 71, 2290-2297.	1.9	19
49	FeCl <sub>3</sub> -Promoted ring size-dictating diversity-oriented synthesis (DOS) of N-heterocycles using in situ-generated cyclic imines and enamines. <i>Chemical Communications</i> , 2019, 55, 7542-7545.	4.1	19
50	New Meroditerpenoids from a Taiwanese Marine Sponge <i>Strongylophora Durissima</i> . <i>Journal of the Chinese Chemical Society</i> , 2000, 47, 567-570.	1.4	18
51	Novel Examples of 3-Aza-Grob Fragmentation. <i>Journal of Organic Chemistry</i> , 2000, 65, 4208-4209.	3.2	18
52	A new approach for fused isoindolines via hexadehydro-Diels-Alder reaction (HDDA) by Fe(0) catalysis. <i>RSC Advances</i> , 2014, 4, 57547-57552.	3.6	17
53	Apoptosis Induced by 2-Aryl Benzothiazoles-Mediated Photodynamic Therapy in Melanomas via Mitochondrial Dysfunction. <i>Chemical Research in Toxicology</i> , 2014, 27, 1187-1198.	3.3	17
54	A Palladium-Catalyzed Domino Approach to 2,3-Disubstituted Benzofurans via an Intermolecular Carbopalladation/C(sp <sup>3</sup> )-H Functionalization/Isomerization Sequence. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2984-2989.	4.3	17

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55	Acid-Promoted Intramolecular Decarbonylative Coupling Reactions of Unstrained Ketones: A Modular Approach to Synthesis of Acridines and Diaryl Ketones. <i>Organic Letters</i> , 2020, 22, 1955-1960.	4.6	17
56	A simple and efficient method for constructing azepino[4,5-b]indole derivatives via acid catalysis. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1872-1875.	2.8	16
57	Induction of Apoptosis by DC-81-Indole Conjugate Agent Through NF- $\kappa$ B and JNK/AP-1 Pathway. <i>Chemical Research in Toxicology</i> , 2008, 21, 1330-1336.	3.3	15
58	Time and Atom Economical Regio- and Chemoselective Radical Cyclization of Unactivated 1,6-Enynes Under Metal- and Oxidant-Free Conditions. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	15
59	Palladium-Catalyzed Regioselective Synthesis of 1-Benzoazepine Carbonitriles from <i>o</i> -Alkynylanilines via <i>endo</i> -dig Annulation and Cyanation. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4754-4763.	4.3	14
60	Novel 3-Aza-Grob Fragmentation in Hydride Reduction of Ether-Protected Aromatic Lactams. <i>Journal of Organic Chemistry</i> , 1999, 64, 5725-5727.	3.2	13
61	DC-81-enediyne induces apoptosis of human melanoma A375 cells: involvement of the ROS, p38 MAPK, and AP-1 signaling pathways. <i>Cell Biology and Toxicology</i> , 2013, 29, 85-99.	5.3	13
62	Au( <i>sc</i> ) <sub>2</sub> -catalyzed synthesis of 8-oxabicyclo[3.2.1]oct-2-enes and 9-oxabicyclo[3.3.1]nona-2,6-dienes from enynol via oxonium/Prins-type cyclization. <i>Chemical Communications</i> , 2015, 51, 12435-12438.	4.1	12
63	ZnBr <sub>2</sub> -Mediated Cascade Reaction of <i>o</i> -Alkoxy Alkynols: Synthesis of Indeno[1,2- <i>c</i> ]chromenes. <i>Organic Letters</i> , 2017, 19, 488-491.	4.6	12
64	Efficient Approach to Amide Bond Formation with Nitriles and Peroxides: One-Pot Access to Boronated $\beta$ -Ketoamides. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3014-3021.	4.3	12
65	Silver(I)-Catalyzed Tandem Approach to $\beta$ -Oxo Amides. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3171-3177.	2.4	11
66	Unraveling innate substrate-controlled arylation and bicyclization of 1,5-enynes with $\hat{1}, \hat{2}$ conjugates: synthesis of substituted benzo[ <i>a</i> ]fluorenes. <i>Green Chemistry</i> , 2021, 23, 4144-4149.	9.0	11
67	Aryl $\hat{3}$ - $\beta$ -iodane-Mediated <i>exo</i> - <i>trig</i> Cyclization to Synthesize Highly Substituted Chiral Morpholines. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2788-2794.	4.3	10
68	Metal-free cycloaddition to synthesize naphtho[2,3- <i>d</i> ][1,2,3]triazole-4,9-diones. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9261-9266.	2.8	10
69	Design and synthesis of pyrrolobenzodiazepine-gallic hybrid agents as p53-dependent and -independent apoptogenic signaling in melanoma cells. <i>European Journal of Medicinal Chemistry</i> , 2016, 109, 59-74.	5.5	10
70	Palladium-Catalyzed Intramolecular Cross-Dehydrogenative Coupling: Synthesis of Fused Imidazo[1,2- <i>a</i> ]pyrimidines and Pyrazolo[1,5- <i>a</i> ]pyrimidines. <i>ACS Omega</i> , 2017, 2, 11-19.	3.5	10
71	<i>p</i> -TsOH promoted synthesis of benzo-fused O-heterocycles from alkynols via ring contraction and C=O scission strategy. <i>Green Chemistry</i> , 2018, 20, 3420-3425.	9.0	10
72	A sequential one-pot approach to 1,2,4,5-tetrasubstituted-2H-imidazole synthesis from disubstituted alkynes. <i>New Journal of Chemistry</i> , 2015, 39, 6914-6918.	2.8	9

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73	Arsenic leads to autophagy of keratinocytes by increasing aquaporin 3 expression. <i>Scientific Reports</i> , 2021, 11, 17523.	3.3	9
74	Pyrrolo[2,1-c][1,4]benzodiazepine and indole conjugate (IN6CPBD) has better efficacy and superior safety than the mother compound DC-81 in suppressing the growth of established melanoma in vivo. <i>Chemico-Biological Interactions</i> , 2009, 180, 360-367.	4.0	8
75	Rapid Access to Indeno[1,2- <i>bc</i> ]quinolines via Brønsted Acid-Catalyzed Cascade Reaction. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1844-1848.	4.3	8
76	Metal-Free Solvent/Base-Switchable Divergent Synthesis of Multisubstituted Dihydrofurans. <i>Organic Letters</i> , 2020, 22, 6160-6165.	4.6	8
77	Photodynamic Therapy Using Indolines-Fused-Triazoles Induces Mitochondrial Apoptosis in Human Non-Melanoma BCC Cells. , 2017, 37, 5499-5505.		8
78	Diacid architecture effect on the synthesis and microstructure of rigid-rod poly(benzobisthiazole)s. <i>Polymer International</i> , 2006, 55, 1450-1455.	3.1	7
79	Unusual C <sub>3</sub> -acetylation of quinoxalin-2(1 <i>H</i> )-one via oxidative C and O bond cleavages of PEG-400. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5567-5571.	2.8	7
80	ortho-Amide-Directed Oxidation of Internal Aryl Alkynes Mediated by Cerium(IV) Ammonium Nitrate. <i>Synlett</i> , 2012, 23, 2132-2136.	1.8	6
81	Probing the structural diversities of long alpha-neurotoxins by fluorescence quenching studies. <i>The Protein Journal</i> , 2001, 20, 115-121.	1.1	5
82	A Bioorthogonally Synthesized and Disulfide-Containing Fluorescence Turn-On Chemical Probe for Measurements of Butyrylcholinesterase Activity and Inhibition in the Presence of Physiological Glutathione. <i>Catalysts</i> , 2020, 10, 1169.	3.5	5
83	An Efficient Approach to Functionalized Indoles from $\beta$ -iodanes via Acyloxylation and Acyl Transfer. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2911-2920.	4.3	5
84	Lewis Acid Catalyzed Atom-Economic Synthesis of C2-Substituted Indoles from <i>o</i> -Amido Alkynols. <i>Organic Letters</i> , 2020, 22, 3531-3536.	4.6	5
85	A Simple Visible Recognition Method for Copper Ions Using Dibenzo[ <i>b,j</i> ][1,10]Phenanthroline Scaffold as a Colorimetric Sensor. <i>Chemosensors</i> , 2021, 9, 7.	3.6	5
86	Visible light-assisted Ni/Ir-catalysed atom-economic synthesis of spiro[furan-3,1- <i>indene</i> ] derivatives. <i>Chemical Communications</i> , 2022, 58, 4087-4090.	4.1	5
87	Copper-catalyzed one-pot process to construct triazole-linked urea derivatives. <i>Synthetic Communications</i> , 2016, 46, 1612-1618.	2.1	4
88	De Novo Protocol for the Construction of Benzo[ <i>a</i> ]fluorenes via Nitrile/Alkene Activation. <i>Organic Letters</i> , 2020, 22, 7848-7852.	4.6	4
89	A metal-free strategy for the cross-dehydrogenative coupling of 1,3-dicarbonyl compounds with 2-methoxyethanol. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1226-1230.	2.8	4
90	Halogenation of Arenes via an In situ Generated Hypohalous Acid from <i>m</i> -CPBA and HX: Mechanistic Insights from Cyclic Voltammetry. <i>ChemistrySelect</i> , 2016, 1, 2207-2211.	1.5	3

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91	Involvement of cytotoxicity and variation of the mitochondrial membrane potential induced by hybrid agent. <i>Drug Development Research</i> , 2004, 61, 1-5.	2.9	1
92	Bis(phenylidenebenzeneamine)-1-disulfide Derivatives Induce Autophagy in Melanoma Cells Through a Mitochondria-mediated Pathway. <i>Anticancer Research</i> , 2015, 35, 6075-80.	1.1	1
93	Sensitive Assay for the Lactonase Activity of Serum Paraoxonase 1 (PON1) by Harnessing the Fluorescence Turn-On Characteristics of Bioorthogonally Synthesized and Geometrically Controlled Chemical Probes. <i>Molecules</i> , 2022, 27, 2435.	3.8	1
94	DBU-Promoted Synthesis of 1,3-Benzoxazines from Geminal Dibromo Olefins: Applications to the Construction of $\alpha$ -Amido Phenacyl Bromides. <i>ChemistrySelect</i> , 2020, 5, 3778-3783.	1.5	0