

Jian-Quan Weng

List of Publications by Year in descending order

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62
papers

1,317
citations

304743

22
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377865

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all docs

62
docs citations

62
times ranked

995
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, crystal structure, herbicidal activities and 3D-QSAR study of some novel 1,2,4-triazolo[4,3- <i>a</i>]pyridine derivatives. <i>Pest Management Science</i> , 2015, 71, 292-301.	3.4	87
2	Synthesis, Dimeric Crystal Structure, and Fungicidal Activity of 1-(4-Methylphenyl)-2-(5-((3,5-dimethyl-1H-pyrazol-1-yl)methyl)-4-phenyl-4H-1,2,4-triazol-3-ylthio)ethanone. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 558-564.	1.6	72
3	Asymmetric Friedel-Crafts Alkylation of β -Substituted α -Nitroacrylates: Access to β -Amino Acids Bearing Indolic All-Carbon Quaternary Stereocenters. <i>Organic Letters</i> , 2014, 16, 776-779.	4.6	72
4	Synthesis and insecticidal activity of novel pyrimidine derivatives containing urea pharmacophore against <i>Aedes aegypti</i> . <i>Pest Management Science</i> , 2017, 73, 953-959.	3.4	71
5	Novel 4-pyrazole carboxamide derivatives containing flexible chain motif: design, synthesis and antifungal activity. <i>Pest Management Science</i> , 2019, 75, 2892-2900.	3.4	67
6	Synthesis and Pesticidal Activities of New Quinoxalines. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7324-7332.	5.2	65
7	Phase Transfer-Catalyzed, One-Pot Synthesis of Some Novel <i>N</i> -Pyrimidinyl- <i>N</i> -nicotinyl Thiourea Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 552-557.	1.6	53
8	Synthesis and <i>in vivo</i> fungicidal activity of some new quinoline derivatives against rice blast. <i>Pest Management Science</i> , 2017, 73, 1900-1907.	3.4	47
9	Facile and efficient synthesis and herbicidal activity determination of novel 1,2,4-triazolo[4,3- <i>a</i>]pyridin-3(2H)-one derivatives via microwave irradiation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5524-5528.	2.2	45
10	Palladium-catalyzed dearomative arylphosphorylation of indoles. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1577-1580.	4.5	42
11	Microwave-assisted synthesis of novel fluorinated 1,2,4-triazole derivatives, and study of their biological activity. <i>Research on Chemical Intermediates</i> , 2014, 40, 2605-2612.	2.7	39
12	Synthesis and Antifungal Activity of 1,2,4-triazole Derivatives Containing Cyclopropane Moiety. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 431-435.	0.7	35
13	Enantioselective Friedel-Crafts Alkylation Reactions of 3-Substituted Indoles with Electron-Deficient Alkenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 3023-3030.	3.2	34
14	Synthesis, Crystal Structure, and Fungicidal Activity of a Novel 1,2,3-Thiadiazole Compound. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012, 187, 990-996.	1.6	32
15	Synthesis and Mosquitocidal Activity of Novel Hydrazone Containing Pyrimidine Derivatives against <i>Aedes aegypti</i> . <i>Letters in Drug Design and Discovery</i> , 2018, 15, 951-956.	0.7	30
16	Novel Trifluoromethylpyrazole Acyl Thiourea Derivatives: Synthesis, Antifungal Activity and Docking Study. <i>Letters in Drug Design and Discovery</i> , 2019, 16, 785-791.	0.7	30
17	Synthesis, Antifungal Activity, and SAR Study of Some New β -Perfluoropropanyl Quinoline Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 240-245.	2.6	28
18	Recent Advances in Visible-Light-Induced Cross Dehydrogenation Coupling Reaction under Transition Metal-Free Conditions. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 3065.	1.3	24

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19	A Facile One-Pot Synthesis of Novel 1,2,4-Triazolo[4,3-a]Pyridine Derivatives Containing the Trifluoromethyl Moiety Using Microwave Irradiation. <i>Journal of Chemical Research</i> , 2015, 39, 521-523.	1.3	23
20	Synthesis and Nematocidal Activity of N-Substituted 3-Methyl-1H-pyrazole-4-carboxamide Derivatives Against <i>Meloidogyne incognita</i> . <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 946-950.	2.6	23
21	Synthesis and Antifungal Activity of Novel 1,2,4-Triazole Derivatives Containing 1,2,3-Thiadiazole Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 690-694.	2.6	22
22	Synthesis, Crystal Structure, Antifungal Activity, and Docking Study of Difluoromethyl Pyrazole Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2536-2541.	2.6	22
23	Visible light-induced hydroxyalkylation of 2H-benzothiazoles with alcohols via selectfluor oxidation. <i>Chinese Chemical Letters</i> , 2020, 31, 3245-3249.	9.0	20
24	K ²⁺ S ²⁻ O ⁸⁻ -Mediated Hydroxyalkylation of Benzothiazoles with Alcohols in Aqueous Solution. <i>ACS Omega</i> , 2019, 4, 11285-11292.	3.5	19
25	Synthesis and Insecticidal Activity of New Quinoline Derivatives Containing Perfluoropropanyl Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 1312-1317.	2.6	19
26	Synthesis and Antifungal Activity of Some 6-tert-butyl-8-chloro-2,3-dimethylquinolin-4-ol Derivatives against <i>Pyricularia oryzae</i> . <i>Letters in Drug Design and Discovery</i> , 2018, 15, 1314-1318.	0.7	19
27	Synthesis, Crystal Structure, and Biological Activity of A Novel 1,2,3-Thiadiazole Compound Containing 1,2,4-Triazole Moiety. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 379-386.	1.6	18
28	Synthesis and Herbicidal Activity of 1,2,4-Triazole Derivatives Containing a Pyrazole Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 968-971.	2.6	18
29	Synthesis and biological activity of acyl thiourea containing difluoromethyl pyrazole motif. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 22-28.	1.6	17
30	Alkylation reactions of benzothiazoles with N,N-dimethylamides catalyzed by the two-component system under visible light. <i>Tetrahedron Letters</i> , 2019, 60, 390-396.	1.4	16
31	Synthesis, Crystal Structure and DFT Studies of 8-chloro-3-((3-chlorobenzyl)thio)-[1,2,4]triazolo[4,3-a]pyridine. <i>Crystals</i> , 2015, 5, 491-500.	2.2	15
32	Synthesis and Biological Activity of 1,2,4-Triazole Thioether Derivatives Containing Pyrazole Moiety. <i>Chinese Journal of Organic Chemistry</i> , 2017, 37, 232.	1.3	15
33	Synthesis, Crystal Structure, and Fungicidal Activity of 5-(4-cyclopropyl-5-((3-fluorobenzyl)thio)-4H-1,2,4-triazol-3-yl)-4-methyl-1,2,3-thiadiazole. <i>Journal of Chemistry</i> , 2013, 2013, 1-5.	1.9	12
34	Novel stilbene analogues containing thiazole moiety: Synthesis, biological evaluation and docking study. <i>Journal of Molecular Structure</i> , 2019, 1180, 780-786.	3.6	12
35	Metal and acid-free visible light-mediated Friedel-Crafts alkylation reactions of indole with anilines. <i>Tetrahedron Letters</i> , 2018, 59, 2945-2949.	1.4	11
36	Synthesis and fungicidal activity of hydrazones containing 4-methylbenzo[d]thiazole moiety. <i>Journal of Pesticide Sciences</i> , 2012, 37, 164-168.	1.4	10

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37	Synthesis and biological activity of novel 1,3,4-oxadiazole derivatives containing a pyrazole moiety. <i>Research on Chemical Intermediates</i> , 2019, 45, 5989-6001.	2.7	10
38	Synthesis and Biological Evaluation of 3,5-Dimethoxystilbene Analogs. <i>Chemistry and Biodiversity</i> , 2016, 13, 1165-1177.	2.1	9
39	Synthesis, Structure and Antifungal Activity of New 3-[(5-Aryl-1,3,4-oxadiazol-2-yl)methyl]benzo[d]thiazol-2(3H)-ones. <i>Molecules</i> , 2012, 17, 989-1001.	3.8	8
40	Crystal structure and molecular docking studies of new pyrazole-4-carboxamides. <i>Heterocyclic Communications</i> , 2019, 25, 66-72.	1.2	8
41	Microwave-assisted Synthesis and Antifungal Activity of Novel 1,2,4-Triazole Thioether Derivatives Containing Pyrimidine Moiety. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 347-352.	0.7	8
42	Photocatalysis with $g-C_3N_4$ Applied to Organic Synthesis. <i>Chinese Journal of Organic Chemistry</i> , 2017, 37, 577.	1.3	8
43	NCS/TBHP promoted C2 arylation of benzothiazoles with aldehydes in DMSO. <i>Tetrahedron Letters</i> , 2020, 61, 151807.	1.4	7
44	Copper-catalyzed cascade reactions of N-(2-bromoallyl)amines with $KHCO_3$ as the C1 source: an efficient process for the synthesis of oxazolidin-2-ones. <i>RSC Advances</i> , 2014, 4, 26990.	3.6	6
45	Switchable Copper-Catalyzed Cascade Synthesis of Thiazolidine-2-thiones and Thiazole-2(3H)-thiones. <i>Synthesis</i> , 2015, 47, 2991-2996.	2.3	6
46	Synthesis and Biological Activity of Some New α -perfluoropropanyl Quinoline Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2585-2589.	2.6	6
47	Synthesis and Biological Activity of Novel 1,3,4-Thiadiazole Thioether Derivatives Containing Pyrimidine Moiety. <i>Chinese Journal of Organic Chemistry</i> , 2017, 37, 1009.	1.3	6
48	Application of Oxime Organic Dyes in Visible-Light-Induced Organic Synthesis. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 2807.	1.3	6
49	Synthesis, Crystal Structure, and Biological Activity of Some Novel Sulfoxide Compounds Containing 1,2,3-Thiadiazole Moiety. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 1884-1892.	1.6	5
50	Synthesis and herbicidal activity of new pyrazole ketone derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2021, 196, 200-205.	1.6	5
51	Recent Advances of 1,2,4-triazolo[3,4- λ]pyridines: Synthesis and Bioactivities. <i>Current Organic Chemistry</i> , 2017, 21, .	1.6	5
52	Synthesis and Antifungal Activity of Novel 3-[(5-Benzylthio-1H-tetrazol-2-yl)methyl]benzimidazole Derivatives. <i>Organic Chemistry</i> , 2015, 35, 1166.	1.3	5
53	Design, Synthesis and Cytotoxicity of Thiazole-Based Stilbene Analogs as Novel DNA Topoisomerase II Inhibitors. <i>Molecules</i> , 2022, 27, 1009.	3.8	5
54	The process of biotransformation can produce insect protein and promote the effective inactivation of heavy metals. <i>Science of the Total Environment</i> , 2021, 776, 145864.	8.0	4

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55	Synthesis and Biological Activity of Novel 2-(Substituted-benzylthio)-5-(4,6-dimethylpyrimidin-2-thiomethyl)-1,3,4-oxadiazoles. Chinese Journal of Organic Chemistry, 2018, 38, 3112.	1.3	4
56	C2-arylation of 2H-benzothiazoles with methyl arenes via Selectfluor oxidation. Tetrahedron Letters, 2021, 75, 153184.	1.4	3
57	Synthesis and Herbicidal Activity of Novel N-Acyl-7-methoxybenzo[4,5]thiazolo-[2,3-c][1,2,4]triazole-3(2H)-thione. Chinese Journal of Organic Chemistry, 2014, 34, 419.	1.3	3
58	Synthesis and Herbicidal Evaluation of Aryloxyphenoxypropionate Derivatives Containing Purine Moiety. Letters in Drug Design and Discovery, 2018, 15, 15-20.	0.7	2
59	Synthesis and Antifungal Activity of Novel Substituted-3-aryl-1,2,4-triazolo[3,4-b]benzothiazoles. Chinese Journal of Organic Chemistry, 2012, 32, 957.	1.3	2
60	A Novel PIFA/KOH Promoted Approach to Synthesize C2-arylated Benzothiazoles as Potential Drug Scaffolds. Molecules, 2022, 27, 726.	3.8	2
61	Cover Image, Volume 73, Issue 5. Pest Management Science, 2017, 73, i-i.	3.4	0
62	Design and Synthesis of Novel Nature-Inspired Stilbene Analogues as Potential Topoisomerase 1 Inhibitors. Chinese Journal of Organic Chemistry, 2021, 41, 3321.	1.3	0