Hui Xu

List of Publications by Year
in descending order

148	3,151	172457	233421
papers	citations	29 h-index	45 g-index

164	164	164	2611
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review on Hemisynthesis, Biosynthesis, Biological Activities, Mode of Action, and Structure-Activity Relationship of Podophyllotoxins: 2003- 2007. Current Medicinal Chemistry, 2009, 16, 327-349.	2.4	175
2	Recent Advances in the Chemistry and Biology of Podophyllotoxins. Chemistry - A European Journal, 2017, 23, 4467-4526.	3.3	160
3	Synthesis and antifungal activities of novel 5,6-dihydro-indolo[1,2-a]quinoxaline derivatives. European Journal of Medicinal Chemistry, 2011, 46, 1919-1925.	5.5	90
4	Matrine: Bioactivities and Structural Modifications. Current Topics in Medicinal Chemistry, 2016, 16, 3365-3378.	2.1	79
5	A mild and efficient ultrasound-assisted synthesis of diaryl ethers without any catalyst. Ultrasonics Sonochemistry, 2007, 14, 779-782.	8.2	69
6	Developments of Indoles as Anti-HIV-1 Inhibitors. Current Pharmaceutical Design, 2009, 15, 2120-2148.	1.9	68
7	Synthesis of diaryl-azo derivatives as potential antifungal agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4193-4195.	2.2	65
8	Antifungal agents. Part 4: Synthesis and antifungal activities of novel indole[1,2-c]-1,2,4-benzotriazine derivatives against phytopathogenic fungi in vitro. European Journal of Medicinal Chemistry, 2011, 46, 364-369.	5.5	65
9	Recent progress in the chemistry and biology of limonoids. RSC Advances, 2017, 7, 35191-35220.	3.6	60
10	Fluorescence â€˜on-off-onâ€™ chemosensor for sequential recognition of Fe3+ and Hg2+ in water based on tetraphenylethylene motif. Bioorganic and Medicinal Chemistry, 2013, 21, 508-513.	3.0	56
11	Semisynthesis and Quantitative Structureâ^'Activity Relationship (QSAR) Study of Novel Aromatic Esters of 4â€²-Demethyl-4-deoxypodophyllotoxin as Insecticidal Agents. Journal of Agricultural and Food Chemistry, 2009, 57, 7919-7923.	5.2	53
12	Synthesis and Quantitative Structureâ€“Activity Relationship (QSAR) Study of Novel N-Arylsulfonyl-3-acylindole Arylcarbonyl Hydrazone Derivatives as Nematicidal Agents. Journal of Agricultural and Food Chemistry, 2013, 61, 5696-5705.	5.2	53
13	A Selective and Sensitive â€œTurnâ€onâ€•Fluorescent Chemosensor for Recognition of Hg²⁺ Ions in Water. Chemistry - A European Journal, 2012, 18, 11188-11191.	3.3	44
14	Synthesis and Quantitative Structureâ€“Activity Relationship (QSAR) Study of Novel Isoxazoline and Oxime Derivatives of Podophyllotoxin as Insecticidal Agents. Journal of Agricultural and Food Chemistry, 2012, 60, 8435-8443.	5.2	43
15	A water-soluble 1,8-naphthalimide-based â€˜turn onâ€™ fluorescent chemosensor for selective and sensitive recognition of mercury ion in water. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5141-5144.	2.2	41
16	Semisynthesis of Esters of Fraxinellone C4/10-Oxime and Their Pesticidal Activities. Journal of Agricultural and Food Chemistry, 2016, 64, 5472-5478.	5.2	41
17	Semisynthesis of Matrinic Acid/Alcohol/Ester Derivatives, Their Pesticidal Activities, and Investigation of Mechanisms of Action against Tetranychus cinnabarinus. Journal of Agricultural and Food Chemistry, 2018, 66, 12898-12910.	5.2	41
18	Semisynthesis of some matrine ether derivatives as insecticidal agents. RSC Advances, 2017, 7, 15997-16004.	3.6	40

#	Article	IF	Citations
19	Natural products-based insecticidal agents 4. Semisynthesis and insecticidal activity of novel esters of 2-chloropodophyllotoxin against Mythimna separata Walker in vivo. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5415-5418.	2.2	39
20	Synthesis and HIV-1 Integrase Inhibition Activity of some N-Arylindoles. Chemical and Pharmaceutical Bulletin, 2008, 56, 720-722.	1.3	37
21	Synthesis of Novel 4Î±-(Acyloxy)-2â€²(2â€²,6â€²)-(di)halogenopodophyllotoxin Derivatives as Insecticidal Agents. Journal of Agricultural and Food Chemistry, 2013, 61, 8148-8155.	5.2	37
22	Natural-product-based insecticidal agents 14. Semisynthesis and insecticidal activity of new piperine-based hydrazone derivatives against Mythimna separata Walker in vivo. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5552-5557.	2.2	36
23	Synthesis of Novel Oxime Sulfonate Derivatives of 2â€²(2â€²,6â€²)-(Di)chloropicropodophyllotoxins as Insecticidal Agents. Journal of Agricultural and Food Chemistry, 2015, 63, 6668-6674.	5.2	36
24	Synthesis and Insecticidal Activity of Some Novel Fraxinellone-Based Esters. Journal of Agricultural and Food Chemistry, 2012, 60, 7016-7021.	5.2	35
25	Regioselective synthesis of fraxinellone-based hydrazone derivatives as insecticidal agents. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5384-5387.	2.2	32
26	Preparation of Matrinic/Oxymatrinic Amide Derivatives as Insecticidal/Acaricidal Agents and Study on the Mechanisms of Action against Tetranychus cinnabarinus. Journal of Agricultural and Food Chemistry, 2019, 67, 12182-12190.	5.2	32
27	Stereoselective Synthesis of 4Î±â€Alkyloxyâ€2â€Î±/Î²â€Bromopodophyllotoxin Derivatives as Insecticidal Agents. Chemistry - A European Journal, 2011, 17, 8299-8303.	3.3	31
28	Synthesis of matrinic amide derivatives containing 1,3,4-thiadiazole scaffold as insecticidal/acaricidal agents. Bioorganic Chemistry, 2018, 81, 88-92.	4.1	31
29	Anti HIV-1 agents 5: Synthesis and anti-HIV-1 activity of some N-arylsulfonyl-3-acetylindoles in vitro. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 3534-3536.	2.2	30
30	A Selective â€œTurnâ€Onâ€•Fluorescent Probe for Recognition of Mercury(II) Ions in Aqueous Solution Based on a Desulfurization Reaction. ChemPlusChem, 2013, 78, 628-631.	2.8	30
31	Application of Sustainable Natural Bioesources in Crop Protection: Insight into a Podophyllotoxin-Derived Botanical Pesticide for Regulating Insect Vestigial Wing of Mythimna separata Walker. ACS Sustainable Chemistry and Engineering, 2017, 5, 3945-3954.	6.7	30
32	Synthesis of Piperine Analogs Containing Isoxazoline/Pyrazoline Scaffold and Their Pesticidal Bioactivities. Journal of Agricultural and Food Chemistry, 2018, 66, 11254-11264.	5.2	29
33	Anti Human Immunodeficiency Virus-1 (HIV-1) Agents 3. Synthesis and in Vitro Anti-HIV-1 Activity of Some N-Arylsulfonylindoles. Chemical and Pharmaceutical Bulletin, 2009, 57, 797-800.	1.3	28
34	Insight into dihalogenation of E-ring of podophyllotoxins, and their acyloxyation derivatives at the C4 position as insecticidal agents. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5592-5598.	2.2	28
35	Discovery of Some Piperine-Based Phenylsulfonylhydrazone Derivatives as Potent Botanically Narcotic Agents. Scientific Reports, 2015, 5, 13077.	3.3	28
36	Natural products-based insecticidal agents 5. Design, semisynthesis and insecticidal activity of novel 4â€²-substituted benzenesulfonate derivatives of 4-deoxypodophyllotoxin against Mythimna separata Walker in vivo. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2500-2502.	2.2	27

#	Article	IF	Citations
37	Construction of Cholesterol Oxime Ether Derivatives Containing Isoxazoline/Isoxazole Fragments and Their Agricultural Bioactive Properties/Control Efficiency. Journal of Agricultural and Food Chemistry, 2021, 69, 8098-8109.	5.2	27
38	Piperine: Bioactivities and Structural Modifications. Mini-Reviews in Medicinal Chemistry, 2015, 15, 145-156.	2.4	26
39	Advances on Semisynthesis, Total Synthesis, and Structure-Activity Relationships of Honokiol and Magnolol Derivatives. Mini-Reviews in Medicinal Chemistry, 2016, 16, 404-426.	2.4	26
40	Synthesis and Insecticidal Activity of Novel 4.BETA.-Halogenated Benzoylamino Podophyllotoxins against Pieris rapae LINNAEUS.. Chemical and Pharmaceutical Bulletin, 2002, 50, 399-402.	1.3	25
41	Antifungal agents. Part 5: Synthesis and antifungal activities of aminoguanidine derivatives of N-arylsulfonyl-3-acylindoles. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7274-7277.	2.2	25
42	Antifungal Activity of some Diaryl Ethers. Chemical and Pharmaceutical Bulletin, 2007, 55, 1755-1757.	1.3	24
43	Synthesis and Insecticidal Activity of New Deoxypodophyllotoxin-Based Phenazine Analogues against Mythimna separata Walker. Journal of Agricultural and Food Chemistry, 2013, 61, 6336-6343.	5.2	24
44	Semisynthesis and Pesticidal Activities of Derivatives of the Diterpenoid Andrographolide and Investigation on the Stress Response of Aphis citricola Van der Goot (Homoptera: Aphididae). Journal of Agricultural and Food Chemistry, 2020, 68, 4131-4143.	5.2	24
45	Synthesis of Dibenzofurans Directly from Aryl Halides and ortho-Bromophenols via One-Pot Consecutive SNAr and Intramolecular Palladium-Catalyzed Aryl-Aryl Coupling Reactions. Chemical and Pharmaceutical Bulletin, 2008, 56, 1496-1498.	1.3	22
46	Discovery of 5,6-Dihydro-indolo[1,2-a]quinoxaline Derivatives as New HIV-1 Inhibitors In Vitro. Letters in Drug Design and Discovery, 2012, 9, 44-47.	0.7	22
47	Semisynthesis and Insecticidal Activity of Some Fraxinellone Derivatives Modified in the B Ring. Journal of Agricultural and Food Chemistry, 2013, 61, 11937-11944.	5.2	22
48	Non-food bioactive products: Semisynthesis, biological activities, and mechanisms of action of oximinoether derivatives of matrine from Sophora flavescens. Industrial Crops and Products, 2019, 131, 134-141.	5.2	22
49	Semisynthesis and quantitative structureâ€“activity relationship (QSAR) study of some cholesterol-based hydrazone derivatives as insecticidal agents. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4806-4812.	2.2	21
50	Phenanthroimidazole-based thiobenzamide as an effective sensor for highly selective detection of mercury(II). Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3382-3384.	2.2	21
51	Synthesis and quantitative structureâ€“activity relationship (QSAR) study of C7-oxime ester derivatives of obacunone as insecticidal agents. RSC Advances, 2015, 5, 31700-31707.	3.6	21
52	Construction of oxime ester derivatives of osthole from <scp>Cnidium monnieri</scp>, and evaluation of their agricultural activities and control efficiency. Pest Management Science, 2020, 76, 3560-3567.	3.4	21
53	Natural products-based insecticidal agents 6. Design, semisynthesis, and insecticidal activity of novel monomethyl phthalate derivatives of podophyllotoxin against Mythimna separata Walker in vivo. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4503-4506.	2.2	20
54	Stereoselective Synthesis of 2Î±-Chloropicropodophyllotoxins and Insecticidal Activity of Their Esters against Oriental Armyworm, Mythimna separata Walker. Journal of Agricultural and Food Chemistry, 2014, 62, 3726-3733.	5.2	20

#	Article	IF	Citations
55	Natural products-based insecticidal agents 7. Semisynthesis and insecticidal activity of novel 4Î±-alkyloxy-2-chloropodophyllotoxin derivatives against Mythimna separata Walker in vivo. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5009-5012.	2.2	19
56	Natural products-based insecticidal agents 9. Design, semisynthesis and insecticidal activity of 28-acyloxy derivatives of toosendanin against Mythimna separata Walker in vivo. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1974-1977.	2.2	19
57	Synthesis and insecticidal activity of novel hydrazone compounds derived from a naturally occurring lignan podophyllotoxin against Mythimna separata (Walker). Bioorganic and Medicinal Chemistry Letters, 2014, 24, 2621-2624.	2.2	19
58	Synthesis and Quantitative Structureâ€“Activity Relationship (QSAR) Study of Novel 4-Acyloxypodophyllotoxin Derivatives Modified in the A and C Rings as Insecticidal Agents. Journal of Agricultural and Food Chemistry, 2013, 61, 618-625.	5.2	18
59	Seven-Membered Lactam Derivatives of Podophyllotoxins as New Pesticidal Agents. Scientific Reports, 2017, 7, 3917.	3.3	18
60	Discovery of benzotriazole-azo-phenol/aniline derivatives as antifungal agents. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 181-187.	2.2	18
61	Unexpectedly convenient and stereoselective synthesis of 4Î±-acyloxy-2-chloropodophyllotoxins in the presence of BF 3 Â·Et 2 O. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4008-4012.	2.2	17
62	Synthesis of some monosaccharide-related ester derivatives as insecticidal and acaricidal agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4336-4340.	2.2	17
63	Synthesis of andrographolide-related esters as insecticidal and acaricidal agents. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 360-364.	2.2	17
64	Optimization of Osthole in the Lactone Ring: Structural Elucidation, Pesticidal Activities, and Control Efficiency of Osthole Ester Derivatives. Journal of Agricultural and Food Chemistry, 2021, 69, 6465-6474.	5.2	17
65	Anti Human Immunodeficiency Virus-1 (HIV-1) Agents 1. Discovery of Benzyl Phenyl Ethers as New HIV-1 Inhibitors in Vitro. Chemical and Pharmaceutical Bulletin, 2009, 57, 84-86.	1.3	16
66	Natural products-based insecticidal agents 11. Synthesis and insecticidal activity of novel 4Î±-arylsulfonyloxybenzyloxy-2Î²-chloropodophyllotoxin derivatives against Mythimna separata Walker in vivo. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5177-5180.	2.2	16
67	A SBP-Box Gene VpSBP5 from Chinese Wild Vitis Species Responds to Erysiphe necator and Defense Signaling Molecules. Plant Molecular Biology Reporter, 2013, 31, 1261-1270.	1.8	16
68	Evaluation of biological activities, and exploration on mechanism of action of matrineâ€“cholesterol derivatives. Bioorganic Chemistry, 2020, 94, 103439.	4.1	16
69	Selective and Sensitive Fluorescent Chemosensors for Cu²⁺ Ion Based upon Bisâ€1,8â€naphthalimide Dyads. Chinese Journal of Chemistry, 2012, 30, 267-272.	4.9	15
70	Synthesis of benzoxazole derivatives of honokiol as insecticidal agents against Mythimna separata Walker. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2217-2219.	2.2	15
71	Application of sustainable natural resources in crop protection: Podophyllotoxin-based botanical pesticides derived from Podophyllum hexandrum for controlling crop-threatening insect pests. Industrial Crops and Products, 2017, 107, 45-53.	5.2	15
72	Synthesis of novel quinolinomatrine derivatives and their insecticidal/acaricidal activities. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1753-1757.	2.2	15

#	Article	IF	Citations
73	Regioselective hemisynthesis and insecticidal activity of C8-hydrazones/acylhydrazones/sulfonylhydrazones coumarin-type derivatives of osthole. Bioorganic and Medicinal Chemistry Letters, 2021, 40, 127962.	2.2	15
74	Natural products-based insecticidal agents 13. Semisynthesis and insecticidal activity of novel phenazine derivatives of 4Î²-acyloxypodophyllotoxin modified in the E-ring against Mythimna separata Walker in vivo. Industrial Crops and Products, 2013, 42, 520-526.	5.2	14
75	Synthesis and antifungal activity of ethers, alcohols, and iodohydrin derivatives of sclareol against phytopathogenic fungi in vitro. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2773-2777.	2.2	14
76	Natural products-based insecticidal agents 20. Design, synthesis and insecticidal activity of novel honokiol/magnolol azo derivatives. Industrial Crops and Products, 2015, 76, 761-767.	5.2	14
77	Insight into reduction of obacunone, and their ester derivatives as insecticidal agents against Mythimna separata Walker. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 25-29.	2.2	14
78	Synthesis of novel isoxazoline-containing podophyllotoxin/2â€²(2â€²,6â€²)-(di)halogenopodophyllotoxin derivatives and their insecticidal/acaricidal activities. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1410-1416.	2.2	14
79	Semisynthesis of novel N â€acyl/sulfonyl derivatives of 5(3,5)â€(di)halogenocytisines/cytisine and their pesticidal activities against Mythimna separata Walker, Tetranychus cinnabarinus Boisduval, and Sitobion avenae Fabricius. Pest Management Science, 2019, 75, 2598-2609.	3.4	14
80	High Value-Added Use of Citrus Industrial Wastes in Agriculture: Semisynthesis and Anti-Tobacco Mosaic Virus/Insecticidal Activities of Ester Derivatives of Limonin Modified in the B Ring. Journal of Agricultural and Food Chemistry, 2020, 68, 12241-12251.	5.2	14
81	Non-food renewable and bioactive forest products for pest management: Valuation of agricultural properties of podophyllotoxin analogs derived from Podophyllum hexandrum as botanical pesticides. Industrial Crops and Products, 2020, 153, 112608.	5.2	14
82	Src acts as the target of matrine to inhibit the proliferation of cancer cells by regulating phosphorylation signaling pathways. Cell Death and Disease, 2021, 12, 931.	6.3	14
83	Antifungal Activities of Some Indole Derivatives. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2010, 65, 437-439.	1.4	13
84	Design, Synthesis and Evaluation of Novel Isoxazolines/Oxime Sulfonates of 2â€²(2â€²,6â€²)-(Di)Chloropodophyllotoxins as Insecticidal Agents. Scientific Reports, 2016, 6, 33062.	3.3	13
85	Andrographolide: Synthetic Methods and Biological Activities. Mini-Reviews in Medicinal Chemistry, 2020, 20, 1633-1652.	2.4	13
86	Microwaveâ€Assisted Construction of Diaryl Ethers Directly from Arylmethanesulfonates as Convenient Latent Phenols with Aryl Halides. Synthetic Communications, 2007, 37, 2411-2420.	2.1	12
87	An efficient and practical synthesis of mandelic acid by combination of complex phase transfer catalyst and ultrasonic irradiation. Ultrasonics Sonochemistry, 2008, 15, 930-932.	8.2	12
88	Natural Products-Based Insecticidal Agents 1. Semisynthesis and Insecticidal Activity of 4Î²-Benzenesulfonamide Derivatives of Podophyllotoxin against Mythimna separata Walker. Heterocycles, 2009, 77, 293.	0.7	12
89	Combinatorial Synthesis of Benzimidazole-Azo-Phenol Derivatives as Antifungal Agents. Combinatorial Chemistry and High Throughput Screening, 2014, 17, 89-95.	1.1	12
90	Synthesis and insecticidal activity of new oxime derivatives of podophyllotoxin-based phenazines against Mythimna separata Walker. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5679-5682.	2.2	12

#	Article	IF	Citations
91	New Insecticidal Agents from Halogenation/Acylation of the Furyl-Ring of Fraxinellone. Scientific Reports, 2016, 6, 35321.	3.3	12
92	Synthesis of some ester derivatives of 4â€²-demethoxyepipodophyllotoxin/2â€²-chloro-4â€²-demethoxyepipodophyllotoxin as insecticidal agents against oriental armyworm, Mythimna separata Walker. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 511-517.	2.2	12
93	Evaluation of andrographolide-based analogs derived from Andrographis paniculata against Mythimna separata Walker and Tetranychus cinnabarinus Boisduval. Bioorganic Chemistry, 2019, 86, 28-33.	4.1	12
94	Non-food bioactive products for insecticides (II): Insights into agricultural activities of matrine-type alkaloid analogs as botanical pesticides. Industrial Crops and Products, 2020, 154, 112759.	5.2	12
95	Development of Botanical Pesticides: Exploration on the Phenotype of Vestigial Wings of Insect Pests Induced by Plant Natural Products or Their Derivatives by Blocking Tyrosine Phosphorylation of Insulin Receptor 1. Journal of Agricultural and Food Chemistry, 2022, 70, 2117-2126.	5.2	12
96	Synthesis of 4Î²-acyloxypodophyllotoxin analogs modified in the C and E rings as insecticidal agents against Mythimna separata Walker. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 765-772.	2.2	11
97	A selective and sensitive â€œnaked-eyeâ€•rhodamine-based â€œturn-onâ€•sensor for recognition of Hg2+ ion in aqueous solution. Journal of Industrial and Engineering Chemistry, 2015, 25, 73-77.	5.8	11
98	Advances on the Bioactivities, Total Synthesis, Structural Modification, and Structure-Activity Relationships of Cytisine Derivatives. Mini-Reviews in Medicinal Chemistry, 2020, 20, 369-395.	2.4	11
99	A Deoxypodophyllotoxin-Based Sensor for Highly Selective Recognition of Hg2+ Ion. Heterocycles, 2014, 88, 1029.	0.7	11
100	Stereoselective synthesis of 4Î±-acyloxy-2Î±/Î²-bromopodophyllotoxin derivatives as insecticidal agents. Tetrahedron, 2013, 69, 774-781.	1.9	10
101	â€˜Naked-eyeâ€™ quinoline-based â€˜reactiveâ€™ sensor for recognition of Hg2+ ion in aqueous solution. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5373-5376.	2.2	10
102	Insight into 2Î±-Chloro-2â€²(2â€²,6â€²)-(Di)Halogenopicropodophyllotoxins Reacting with Carboxylic Acids Mediated by BF3Â·Et2O. Scientific Reports, 2015, 5, 16285.	3.3	10
103	Synthesis and biological activities of novel pyrazolomatrine derivatives. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3338-3341.	2.2	10
104	Agrochemical properties evaluation of some imines alkaloids of matrine/oxymatrine. Bioorganic and Medicinal Chemistry Letters, 2021, 48, 128246.	2.2	10
105	Natural-product-based pesticides: Semisynthesis, structural elucidation, and evaluation of new cholesterolâ€“matrine conjugates as pesticidal agents. Bioorganic and Medicinal Chemistry Letters, 2021, 50, 128350.	2.2	10
106	High Value-Added Application of Natural Products in Crop Protection: Semisynthesis and Acaricidal Activity of Limonoid-Type Derivatives and Investigation of Their Biocompatible O/W Nanoemulsions as Agronanopesticide Candidates. Journal of Agricultural and Food Chemistry, 2021, 69, 14488-14500.	5.2	10
107	Evaluation of some quinoline-based hydrazone derivatives as insecticidal agents. RSC Advances, 2016, 6, 30405-30411.	3.6	9
108	Construction of spiro-1,2,4-oxadiazoline-fused matrine-type alkaloids as pesticidal agents. Bioorganic and Medicinal Chemistry Letters, 2021, 51, 128356.	2.2	9

#	Article	IF	Citations
109	Acaricidal and insecticidal efficacy of new esters derivatives of a natural coumarin osthole. Industrial Crops and Products, 2022, 182, 114855.	5.2	9
110	One-Pot N-Arylation of Indoles Directly from N-Arylsulfonylindoles via Consecutive Deprotection and SNAr Reactions with Activated Aryl Halides. Chemical and Pharmaceutical Bulletin, 2009, 57, 321-323.	1.3	8
111	An Efficient Synthesis of Nâ€Arylsulfonylindoles from Indoles and Arylsulfonyl Chlorides in the Presence of Triethylâ€benzylammonium Chloride (TEBA) and NaOH. Chinese Journal of Chemistry, 2010, 28, 125-127.	4.9	8
112	Antifungal Agents. Part 3: Synthesis and Antifungal Activities of 3â€Acylindole Analogs against Phytopathogenic Fungi Inâ€ƒVitro. Chemical Biology and Drug Design, 2011, 78, 864-868.	3.2	8
113	Semisynthesis of new ethers from furyl-ring-based acylation derivatives of fraxinellone as insecticidal agents against Mythimna separata Walker in vivo. Chinese Chemical Letters, 2018, 29, 995-997.	9.0	8
114	Combinatorial Synthesis of A Series of Alkyl/Alkenylacyloxy Derivatives at the C-28 Position of Toosendanin as Insecticidal Agents. Combinatorial Chemistry and High Throughput Screening, 2013, 16, 394-399.	1.1	8
115	Anti Human Immunodeficiency Virus Type 1 (HIV-1) Agents 4. Discovery of 5,5'-(p-Phenylenebisazo)-8-hydroxyquinoline Sulfonates as New HIV-1 Inhibitors in Vitro. Chemical and Pharmaceutical Bulletin, 2010, 58, 976-979.	1.3	7
116	Synthesis of heterocycle-attached methylidenebenzenesulfonohydrazones as antifungal agents. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5092-5096.	2.2	7
117	Insecticidal activity of twin compounds from podophyllotoxin and cytisine. Bioorganic and Medicinal Chemistry Letters, 2021, 43, 128104.	2.2	7
118	C(aryl)-O Bond Formation from Aryl Methanesulfonates via Consecutive Deprotection and SNAr Reactions with Aryl Halides in an Ionic Liquid. Molecules, 2007, 12, 861-867.	3.8	6
119	Anhydrous K₂CO₃â€mediated Tandem Deprotection of (Un)substituted Phenyl Methanesulfonate/S_NAr Reactions to Construct Unsymmetrical Diphenyl Ethers in an Ionic Liquid. Chinese Journal of Chemistry, 2008, 26, 1465-1468.	4.9	6
120	Ultrasound-Assisted N-Arylation of Indoles without any Catalyst. Heterocycles, 2008, 76, 249.	0.7	6
121	A New Fluorescent Chemosensor for Metal Ions Based upon 1,8â€Naphthalimide and 8â€Hydroxyquinoline. Chinese Journal of Chemistry, 2011, 29, 2165-2168.	4.9	6
122	Semisynthesis of esters and oxime esters/sulfonates from furyl-ring-based acetylation derivatives of fraxinellone as insecticidal agents. RSC Advances, 2017, 7, 28009-28015.	3.6	6
123	Spirodiclofen ether derivatives: semisynthesis, structural elucidation, and pesticidal activities against Tetranychus cinnabarinus<scp>Boisduval</scp>, Aphis citricola<scp>Van der Goot</scp> and Mythimna separata<scp>Walker</scp>. Pest Management Science, 2021, 77, 2395-2402.	3.4	6
124	Non-food bioactive products for pesticides candidates (III): Agricultural properties of isoxazole esters from the plant product podophyllotoxin as botanical pesticides. Industrial Crops and Products, 2021, 174, 114181.	5.2	6
125	Progress of Bis(heteroaryl)piperazines (BHAPs) as Non-nucleoside Reverse Transcriptase Inhibitors (NNRTIs) against Human Immunodeficiency Virus Type 1 (HIV-1). Mini-Reviews in Medicinal Chemistry, 2010, 10, 62-72.	2.4	5
126	Semisynthesis and insecticidal activity of arylmethylamine derivatives of the neolignan honokiol against Mythimna separata Walker. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2015, 70, 65-69.	1.4	5

#	Article	IF	Citations
127	Non-food bioactive products for insecticides (I): Pesticidal activities and control efficieny of derivatives based on the natural alkaloid matrine. Industrial Crops and Products, 2020, 153, 112480.	5.2	5
128	14-Formyl-15-aryloxy/methoxymatrine and 14-Aryloxymethylidenyl-matrine Derivatives as Anti-HIV-1 Agents. Medicinal Chemistry, 2018, 14, 249-252.	1.5	5
129	Microwave-assisted N-Arylation of Indoles via C(sp2)â€“N(sp2) Bond Formation by Aromatic Nucleophilic Substitution Reactions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 298-302.	0.7	4
130	Synthesis and insecticidal activity of new deoxypodophyllotoxin derivatives modified in the D-ring. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4542-4545.	2.2	4
131	Cytotoxic activity of a synthetic deoxypodophyllotoxin derivative with an opened D-ring. Journal of Asian Natural Products Research, 2016, 18, 486-494.	1.4	4
132	Non-food bioactive products for insecticides (II): Investigation on stress responses of Tetranychus cinnabarinus Boisduval against a derivative of the alkaloid matrine. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127346.	2.2	4
133	Cholesterol: Bioactivities, Structural Modification, Mechanisms of Action, and Structure-Activity Relationships. Mini-Reviews in Medicinal Chemistry, 2021, 21, 1830-1848.	2.4	4
134	Construction of new oxime esters of cholesterol containing piperic acid-like fragments as insecticidal agents against Aphis citricola Van der Goot (Homoptera: Aphididae) and Plutella xylostella Linnaeus (Lepidoptera: Plutellidae). Bioorganic and Medicinal Chemistry Letters, 2022, 62, 128634.	2.2	4
135	High Value-Added Application of Natural Plant Products in Crop Protection: Honokiol Monoester/Diester Derivatives Containing the Novel Core Scaffold of Benzodihydrofuran and Their Agricultural Bioactivities and Control Effects. Journal of Agricultural and Food Chemistry, 2022, 70, 5319-5329.	5.2	4
136	One-pot Microwave-assisted Tandem Deprotection of Arylmethanesulfonates / SNAr Reaction for K2CO3-mediated C(Aryl)â€“O Bond Formation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 1183-1186.	0.7	3
137	Natural Products-Based Insecticidal Agents 8. Design, Semisynthesis and Insecticidal Activity of Novel O-(Deoxypodophyllotoxin-4â€™-yl)-(N-((un)substituted benzyl)indol-3-yl)glyoxylesters against Mythimna separata Walker. Heterocycles, 2012, 84, 505.	0.7	3
138	Synthesis and Antifungal Activities of 2-(N-Arylsulfonylindol-3-yl)-3-aryl-1,3-thiazinan-4-ones. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 77-81.	1.4	3
139	Toxicology study of fraxinellone as ovicidal agents against Mythimna separata Walker and Bombyx mori Linaeus. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2020, 75, 291-295.	1.4	3
140	Synthesis and Antifungal Activities of Drimane-Amide Derivatives from Sclareol. Combinatorial Chemistry and High Throughput Screening, 2018, 21, 501-509.	1.1	3
141	Natural-Product-Based Insecticidal Agents 16. Semisynthesis of C7-Oxime Sulfonate Ester Derivatives of Obacunone as Insecticidal Agents against Mythimna separata Walker. Heterocycles, 2015, 90, 1367.	0.7	3
142	Synthesis of benzopyrano[4,3-b](N-arylsulfonyl)indoles and benzopyrano[3,4-b](N-arylsulfonyl)indoles via intramolecular palladium-catalyzed arylâ€“aryl coupling reaction. Molecular Diversity, 2012, 16, 415-421.	3.9	2
143	One-pot Synthesis of Dibenzofurans via SNAr and Subsequent Ligand-free Palladium-catalyzed Intramolecular Aryl-aryl Cross-coupling Reactions under Microwave Irradiation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 833-836.	0.7	1
144	Frontispiece: Recent Advances in the Chemistry and Biology of Podophyllotoxins. Chemistry - A European Journal, 2017, 23, .	3.3	1

#	Article	IF	Citations
145	Synthesis and Biological Evaluation of Hexahydropyrrolo[2,3-b]Indole Derivatives as Fungicides against Phytopathogenic Fungi. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 892-900.	1.1	1
146	Synthesis and Antifungal Activities of Some 2,6-Bis-(Un)Substituted Phenoxymethylpyridines. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2010, 65, 433-436.	1.4	0
147	Anti HIV-1 Agents 6. Synthesis and Anti-HIV-1 Activity of Indolyl Glyoxamides. Medicinal Chemistry, 2012, 8, 831-833.	1.5	0
148	A Selective and Sensitive Phenanthroimidazoleâ€Based â€œReactiveâ€•Ratiometric Sensor for Recognition of Hg²⁺ Ions in Aqueous Solution. ChemPlusChem, 2014, 79, 1676-1680.	2.8	0