

Bao-An Song

List of Publications by Year in descending order

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295
papers

10,576
citations

30070

54
h-index

62596

80
g-index

307
all docs

307
docs citations

307
times ranked

7712
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile and divergent optimization of chromazonarol enabled the identification of simplified drimane meroterpenoids as novel pharmaceutical leads. <i>European Journal of Medicinal Chemistry</i> , 2022, 227, 113912.	5.5	4
2	Discovery of Novel Benzo[4,5]thiazolo(oxazolo)[3,2- <i>a</i>]pyrimidinone Mesoionic Derivatives as Potential Antibacterial Agents and Mechanism Research. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 99-110.	5.2	12
3	New Synthetic Method and Insecticidal Activities of Novel Imidazopyridine Mesoionic Derivatives Containing an Ester Group. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 1019-1028.	5.2	11
4	Enhancing pesticide droplet deposition through O/W Pickering Emulsion: Synergistic stabilization by Flower-like ZnO particles and polymer emulsifier. <i>Chemical Engineering Journal</i> , 2022, 434, 134761.	12.7	12
5	Palladium Catalyzed Enantioselective Hayashi-Miyaura Reaction for Pharmaceutically Important 4-Aryl-3,4-dihydrocoumarins. <i>Organic Letters</i> , 2022, 24, 1329-1334.	4.6	11
6	Multi-Omics Analysis Reveals that the Antimicrobial Kasugamycin Potential Targets Nitrate Reductase in <i>Didymella segeticola</i> to Achieve Control of Tea Leaf Spot. <i>Phytopathology</i> , 2022, 112, 1894-1906.	2.2	5
7	Defense Mechanism of <i>Capsicum annuum</i> L. Infected with Pepper Mild Mottle Virus Induced by Vanisulfane. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3618-3632.	5.2	13
8	Web support for the more efficient discovery of kinase inhibitors. <i>Drug Discovery Today</i> , 2022, , .	6.4	0
9	Pesticidal Activity and Mode of Action of Monoterpenes. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4556-4571.	5.2	26
10	Methyl Eugenol Binds Recombinant Gamma-Aminobutyric Acid Receptor-Associated Protein from the Western Flower Thrips <i>Frankliniella occidentalis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2022, , .	5.2	8
11	Design, Synthesis, and Insecticidal Activity of Novel Pyrido[1, 2- <i>a</i>]pyrimidinone Mesoionic Compounds Containing an Indole Moiety as Potential Acetylcholine Receptor Insecticides. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5349-5356.	5.2	7
12	Coumarin Derivatives Containing Sulfonamide and Dithioacetal Moieties: Design, Synthesis, Antiviral Activity, and Mechanism. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5773-5783.	5.2	12
13	Design, Synthesis, Anti-Tomato Spotted Wilt Virus Activity, and Mechanism of Action of Thienopyrimidine-Containing Dithioacetal Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6015-6025.	5.2	6
14	First Discovery of Novel Cytosine Derivatives Containing a Sulfonamide Moiety as Potential Antiviral Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6026-6036.	5.2	4
15	Discovery of Mesoionic Derivatives Containing a Dithioacetal Skeleton as Novel Potential Antibacterial Agents and Mechanism Research. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7015-7028.	5.2	4
16	First Discovery of Imidazo[1,2- <i>a</i>]pyridine Mesoionic Compounds Incorporating a Sulfonamide Moiety as Antiviral Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7375-7386.	5.2	14
17	Discovery of Pyrido[1,2- <i>a</i>]pyrimidine Mesoionic Compounds Containing Benzo[<i>b</i>]thiophene Moiety as Potential Pesticide Candidates. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8598-8608.	5.2	8
18	Mapping the resources and approaches facilitating computer-aided synthesis planning. <i>Organic Chemistry Frontiers</i> , 2021, 8, 812-824.	4.5	10

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19	Efficient pesticide formulation and regulation mechanism for improving the deposition of droplets on the leaves of rice (<i>Oryza sativa</i> L.). <i>Pest Management Science</i> , 2021, 77, 3198-3207.	3.4	21
20	Synthesis, Antibacterial Activity, and Mechanisms of Novel 6-Sulfonyl-1,2,4-triazolo[3,4- <i>b</i>][1,3,4]thiadiazole Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4645-4654.	5.2	44
21	Integration of Transcriptomic and Proteomic Data Reveals the Possible Action Mechanism of the Antimicrobial Zhongshengmycin Against <i>Didymella segeticola</i> , the Causal Agent of Tea Leaf Spot. <i>Phytopathology</i> , 2021, 111, 2238-2249.	2.2	7
22	Future direction of agrochemical development for plant disease in China. <i>Food and Energy Security</i> , 2021, 10, e293.	4.3	21
23	Purine Nucleoside Derivatives Containing a Sulfa Ethylamine Moiety: Design, Synthesis, Antiviral Activity, and Mechanism. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 5575-5582.	5.2	32
24	Web repositories of natural agents promote pests and pathogenic microbes management. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	4
25	Dysregulation of ClpP by Small-Molecule Activators Used Against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Infections. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7545-7553.	5.2	24
26	Design, Synthesis, Antibacterial Activity, and Mechanisms of Novel 1,3,4-Thiadiazole Derivatives Containing an Amide Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8660-8670.	5.2	31
27	RNA demethylation increases the yield and biomass of rice and potato plants in field trials. <i>Nature Biotechnology</i> , 2021, 39, 1581-1588.	17.5	102
28	A Novel Sulfone Derivative Controls <i>Lasiodiplodia theobromae</i> in Tea Leaf Spot by Reducing the Ergosterol Content. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, MPMI-12-20-0343.	2.6	3
29	<i>In Silico</i> Resources of Drug-Likeness as a Mirror: What Are We Lacking in Pesticide-Likeness?. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10761-10773.	5.2	13
30	Discovery of Novel Chromone Derivatives as Potential Anti-TSWV Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10819-10829.	5.2	11
31	Bioinformatic tools support decision-making in plant disease management. <i>Trends in Plant Science</i> , 2021, 26, 953-967.	8.8	14
32	Novel Cinnamic Acid Derivatives Containing the 1,3,4-Oxadiazole Moiety: Design, Synthesis, Antibacterial Activities, and Mechanisms. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11804-11815.	5.2	21
33	First Report on Anti-TSWV Activities of Quinazolinone Derivatives Containing a Dithioacetal Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12135-12142.	5.2	14
34	Discovery of Novel Chromone Derivatives Containing a Sulfonamide Moiety as Anti-ToCV Agents through the Tomato Chlorosis Virus Coat Protein-Oriented Screening Method. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12126-12134.	5.2	20
35	Discovery of novel chromone derivatives containing a sulfonamide moiety as potential anti-TSWV agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 53, 128431.	2.2	7
36	The first N-ligand assisted Pd catalyzed asymmetric synthesis of 3-arylsuccinimides as novel antifungal leads. <i>Organic Chemistry Frontiers</i> , 2021, 9, 183-189.	4.5	6

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37	A donor-DNA-free CRISPR/Cas-based approach to gene knock-up in rice. <i>Nature Plants</i> , 2021, 7, 1445-1452.	9.3	44
38	Synthesis, Anti-Tomato Spotted Wilt Virus Activities, and Interaction Mechanisms of Novel Dithioacetal Derivatives Containing a 4(3 <i>H</i>)-Quinazolinone Pyrimidine Ring. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 14459-14466.	5.2	12
39	Discovery of Pyrido[1,2- <i>a</i>]pyrimidinone Mesoionic Compounds Incorporating a Dithioacetal Moiety as Novel Potential Insecticidal Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 15136-15144.	5.2	13
40	Design, synthesis and anti-TMV activities of novel chromone derivatives containing dithioacetal moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126945.	2.2	21
41	Design, Synthesis, and Antiviral Activities of Coumarin Derivatives Containing Dithioacetal Structures. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 975-981.	5.2	39
42	±-Haloacetophenone and analogues as potential antibacterial agents and nematicides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126814.	2.2	30
43	Design and synthesis of novel 1,3,4-oxadiazole sulfone compounds containing 3,4-dichloroisothiazolylamide moiety and evaluation of rice bacterial activity. <i>Pesticide Biochemistry and Physiology</i> , 2020, 170, 104695.	3.6	26
44	Chemical Nematicides: Recent Research Progress and Outlook. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12175-12188.	5.2	93
45	Big Data Platform: An Emerging Opportunity for Precision Pesticides. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11317-11319.	5.2	8
46	Automated synthesis: current platforms and further needs. <i>Drug Discovery Today</i> , 2020, 25, 2006-2011.	6.4	19
47	Design, synthesis, and biological activity of novel 1,2,4-oxadiazole derivatives. <i>BMC Chemistry</i> , 2020, 14, 68.	3.8	11
48	First report about the screening, characterization, and fosmid library construction of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> strain with resistance to Fubianezuofeng. <i>Pesticide Biochemistry and Physiology</i> , 2020, 169, 104645.	3.6	6
49	Discovery of Dithioacetal Derivatives Containing Sulfonamide Moiety of Novel Antiviral Agents by TMV Coat Protein as a Potential Target. <i>ACS Omega</i> , 2020, 5, 22596-22602.	3.5	18
50	Recent Research Progress in and Perspectives of Mesoionic Insecticides: Nicotinic Acetylcholine Receptor Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11039-11053.	5.2	21
51	Discovery of novel bis-sulfoxide derivatives bearing acylhydrazone and benzothiazole moieties as potential antibacterial agents. <i>Pesticide Biochemistry and Physiology</i> , 2020, 167, 104605.	3.6	27
52	New chalcone derivatives: synthesis, antiviral activity and mechanism of action. <i>RSC Advances</i> , 2020, 10, 24483-24490.	3.6	46
53	Tomato Chlorosis Virus Minor Coat Protein as a Novel Target To Screen Antiviral Drugs. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3425-3433.	5.2	8
54	Novel 1,3,4-oxadiazole thioether derivatives containing flexible-chain moiety: Design, synthesis, nematocidal activities, and pesticide-likeness analysis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127028.	2.2	25

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55	Design, synthesis, anti-TMV activity, and preliminary mechanism of cinnamic acid derivatives containing dithioacetal moiety. <i>Pesticide Biochemistry and Physiology</i> , 2020, 164, 115-121.	3.6	16
56	Novel sulfone derivatives containing a 1,3,4-oxadiazole moiety: design and synthesis based on the QSAR model as potential antibacterial agent. <i>Pest Management Science</i> , 2020, 76, 3188-3198.	3.4	33
57	Novel vanillin derivatives containing a 1,3,4-thiadiazole moiety as potential antibacterial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127113.	2.2	29
58	Discovery of novel indole derivatives containing dithioacetal as potential antiviral agents for plants. <i>Pesticide Biochemistry and Physiology</i> , 2020, 166, 104568.	3.6	29
59	Design, Synthesis, and Anti-ToCV Activity of Novel 4(3 <i>H</i>)-Quinazolinone Derivatives Bearing Dithioacetal Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5539-5544.	5.2	21
60	Design, Synthesis, and Anti-ToCV Activity of Novel Pyrimidine Derivatives Bearing a Dithioacetal Moiety that Targets ToCV Coat Protein. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6280-6285.	5.2	23
61	Green Plant Protection Innovation: Challenges and Perspectives. <i>Engineering</i> , 2020, 6, 483-484.	6.7	6
62	Naturally potential antiviral agent polysaccharide from <i>Dendrobium nobile</i> Lindl.. <i>Pesticide Biochemistry and Physiology</i> , 2020, 167, 104598.	3.6	17
63	Design, synthesis, and insecticidal activity evaluation of novel 4 <i>N</i> ,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (< i> insecticides. <i>Pest Management Science</i> , 2019, 75, 427-437.	3.4	28
64	NaOH-Promoted Chemoselective Cascade Cyclization of Cyclopropyl Esters with Unsaturated Imines: Access to Bioactive Cyclopenta[c]pyridine Derivatives. <i>Organic Letters</i> , 2019, 21, 6624-6627.	4.6	13
65	Whole Genome Sequences of the Tea Leaf Spot Pathogen <i>Didymella segeticola</i> . <i>Phytopathology</i> , 2019, 109, 1676-1678.	2.2	20
66	A polysaccharide found in <i>Dendrobium nobile</i> Lindl stimulates calcium signaling pathway and enhances tobacco defense against TMV. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 1286-1297.	7.5	19
67	Synthesis, Antiviral Activity, and Mechanisms of Purine Nucleoside Derivatives Containing a Sulfonamide Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 8459-8467.	5.2	43
68	Synthesis, Antiviral Activity, and Induction of Plant Resistance of Indole Analogues Bearing Dithioacetal Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13882-13891.	5.2	53
69	Synthesis of Anthranilic Diamide Derivatives Containing Moieties of Trifluoromethylpyridine and Hydrazone as Potential Anti-Viral Agents for Plants. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13344-13352.	5.2	42
70	Dufulin Intervenes the Viroplasmic Proteins as the Mechanism of Action against Southern Rice Black-Streaked Dwarf Virus. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11380-11387.	5.2	25
71	First Discovery of Novel Pyrido[1,2- <i>a</i>]pyrimidinone Mesoionic Compounds as Antibacterial Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11860-11866.	5.2	34
72	Design, synthesis, bioactivity and mechanism of dithioacetal derivatives containing dioxyether moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2218-2223.	2.2	23

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73	Sulfone-Based Probes Unraveled Dihydrolipoamide S-Succinyltransferase as an Unprecedented Target in Phytopathogens. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6962-6969.	5.2	17
74	First Anti-ToCV Activity Evaluation of Glucopyranoside Derivatives Containing a Dithioacetal Moiety through a Novel ToCVCP-Oriented Screening Method. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 7243-7248.	5.2	18
75	Rational Optimization and Action Mechanism of Novel Imidazole (or Imidazolium)-Labeled 1,3,4-Oxadiazole Thioethers as Promising Antibacterial Agents against Plant Bacterial Diseases. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3535-3545.	5.2	59
76	Novel 1,3,4-Oxadiazole Derivatives Containing a Cinnamic Acid Moiety as Potential Bactericide for Rice Bacterial Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1020.	4.1	28
77	Novel amide derivatives containing 1,3,4-thiadiazole moiety: Design, synthesis, nematocidal and antibacterial activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1203-1210.	2.2	71
78	Diverse Oxidative C(sp ²)-N Bond Cleavages of Aromatic Fused Imidazoles for Synthesis of α -Ketoamides and N-(pyridin-2-yl)arylamides. <i>Journal of Organic Chemistry</i> , 2019, 84, 8411-8422.	3.2	12
79	Synthesis, antiviral activity, and 3D-QSAR study of novel chalcone derivatives containing malonate and pyridine moieties. <i>Arabian Journal of Chemistry</i> , 2019, 12, 2685-2696.	4.9	17
80	Design, Synthesis, and Evaluation of New Sulfone Derivatives Containing a 1,3,4-Oxadiazole Moiety as Active Antibacterial Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3093-3100.	5.2	129
81	Binding constants of Southern rice black-streaked dwarf virus Coat Protein with ferulic acid derivatives. <i>Data in Brief</i> , 2018, 17, 321-324.	1.0	1
82	Antiviral properties and interaction of novel chalcone derivatives containing a purine and benzenesulfonamide moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2091-2097.	2.2	66
83	Label-free quantitative proteomics analysis of Cytosinepeptidemycin responses in southern rice black-streaked dwarf virus-infected rice. <i>Pesticide Biochemistry and Physiology</i> , 2018, 147, 20-26.	3.6	31
84	Synthesis and antiviral bioactivity of novel chalcone derivatives containing purine moiety. <i>Chinese Chemical Letters</i> , 2018, 29, 127-130.	9.0	22
85	Novel bithioether derivatives containing a 1,3,4-oxadiazole moiety: design, synthesis, antibacterial and nematocidal activities. <i>Pest Management Science</i> , 2018, 74, 844-852.	3.4	85
86	Investigating the antifungal activity and mechanism of a microbial pesticide Shenqinmycin against <i>Phoma</i> sp.. <i>Pesticide Biochemistry and Physiology</i> , 2018, 147, 46-50.	3.6	26
87	Synthesis and investigation of the antibacterial activity and action mechanism of 1,3,4-oxadiazole thioether derivatives. <i>Pesticide Biochemistry and Physiology</i> , 2018, 147, 11-19.	3.6	33
88	Characterization and antifungal activity against <i>Pestalotiopsis</i> of a fusaricidin-type compound produced by <i>Paenibacillus polymyxa</i> Y-1. <i>Pesticide Biochemistry and Physiology</i> , 2018, 147, 67-74.	3.6	19
89	Hydrolysis and Photolysis Kinetics, and Identification of Degradation Products of the Novel Bactericide 2-(4-Fluorobenzyl)-5-(Methylsulfonyl)-1,3,4-Oxadiazole in Water. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2741.	2.6	3
90	Induced Resistance Mechanism of Novel Curcumin Analogs Bearing a Quinazoline Moiety to Plant Virus. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4065.	4.1	10

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91	The spectrogram data of quinazoline derivatives containing a dithioacetal moiety. <i>Data in Brief</i> , 2018, 20, 1775-1778.	1.0	0
92	Back Cover: Synthesis, Nematicidal Activity, and 3D-QSAR of Novel 1,3,4-Oxadiazole/Thiadiazole Thioether Derivatives (<i>Chin. J. Chem.</i> 10/2018). <i>Chinese Journal of Chemistry</i> , 2018, 36, 980-980.	4.9	0
93	Bounce Behavior and Regulation of Pesticide Solution Droplets on Rice Leaf Surfaces. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11560-11568.	5.2	60
94	Toxicokinetics, Tissue Distribution, and Excretion of Dufulin Racemate and Its R(S)-Enantiomers in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7265-7274.	5.2	9
95	Preface to the special issue: Fungicide toxicology in China. <i>Pesticide Biochemistry and Physiology</i> , 2018, 147, 1-2.	3.6	4
96	Syntheses, antiviral activities and induced resistance mechanisms of novel quinazoline derivatives containing a dithioacetal moiety. <i>Bioorganic Chemistry</i> , 2018, 80, 433-443.	4.1	41
97	Pyrazolo[3,4-d]pyrimidine derivatives containing a Schiff base moiety as potential antiviral agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2979-2984.	2.2	75
98	Synthesis, Nematicidal Activity, and 3D-QSAR of Novel 1,3,4-Oxadiazole/Thiadiazole Thioether Derivatives. <i>Chinese Journal of Chemistry</i> , 2018, 36, 939-944.	4.9	19
99	Proteomics analysis of Xiangcaoliusuobingmi-treated <i>Capsicum annuum</i> L. infected with Cucumber mosaic virus. <i>Pesticide Biochemistry and Physiology</i> , 2018, 149, 113-122.	3.6	38
100	N ⁶ -methyl-adenosine level in <i>Nicotiana tabacum</i> is associated with tobacco mosaic virus. <i>Virology Journal</i> , 2018, 15, 87.	3.4	43
101	Formal [5+3] Cycloaddition of Zwitterionic Allylpalladium Intermediates with Azomethine Imines for Construction of N-Containing Eight-Membered Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 652-658.	4.3	95
102	Design, Synthesis, Antiviral Bioactivity, and Defense Mechanisms of Novel Dithioacetal Derivatives Bearing a Strobilurin Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 5335-5345.	5.2	56
103	Synthesis, Nematicidal Evaluation, and 3D-QSAR Analysis of Novel 1,3,4-Oxadiazole-Cinnamic Acid Hybrids. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 9616-9623.	5.2	55
104	Polyhalides as Efficient and Mild Oxidants for Oxidative Carbene Organocatalysis by Radical Processes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2942-2946.	13.8	91
105	Design, Synthesis, and Antiviral Activity of Novel Chalcone Derivatives Containing a Purine Moiety. <i>Chinese Journal of Chemistry</i> , 2017, 35, 665-672.	4.9	30
106	Label-free quantitative proteomic analysis of inhibition of <i>Xanthomonas axonopodis</i> pv. <i>citri</i> by the novel bactericide Fubianezuofeng. <i>Pesticide Biochemistry and Physiology</i> , 2017, 138, 37-42.	3.6	25
107	Synthesis and biological evaluation of 4-methyl-1,2,3-thiadiazole-5-carboxaldehyde benzoyl hydrazone derivatives. <i>Chinese Chemical Letters</i> , 2017, 28, 1238-1242.	9.0	9
108	Interaction research on an antiviral molecule that targets the coat protein of southern rice black-streaked dwarf virus. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 919-930.	7.5	17

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109	Solvent-free enantioselective conjugate addition and bioactivities of nitromethane to Chalcone containing pyridine. <i>Tetrahedron</i> , 2017, 73, 129-136.	1.9	20
110	Synthesis of novel 1,3,4-oxadiazole derivatives containing diamides as promising antibacterial and antiviral agents. <i>Research on Chemical Intermediates</i> , 2017, 43, 6115-6130.	2.7	16
111	A reaction mode of carbene-catalysed aryl aldehyde activation and induced phenol OH functionalization. <i>Nature Communications</i> , 2017, 8, 15598.	12.8	55
112	Facile Synthesis of Novel Vanillin Derivatives Incorporating a Bis(2-hydroxyethyl)dithioacetal Moiety as Antiviral Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4582-4588.	5.2	73
113	Design, synthesis, antiviral bioactivity and three-dimensional quantitative structure-activity relationship study of novel ferulic acid ester derivatives containing quinazoline moiety. <i>Pest Management Science</i> , 2017, 73, 2079-2089.	3.4	56
114	Novel <i>trans</i> -Ferulic Acid Derivatives Containing a Chalcone Moiety as Potential Activator for Plant Resistance Induction. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4367-4377.	5.2	82
115	Construction of Fused Pyrrolidines and β -Lactones by Carbene-Catalyzed C ^α -N, C ^α -C, and C ^α -O Bond Formations. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4201-4205.	13.8	55
116	Study of the synthesis, antiviral bioactivity and interaction mechanisms of novel chalcone derivatives that contain the 1,1-dichloropropene moiety. <i>Chinese Chemical Letters</i> , 2017, 28, 1566-1570.	9.0	13
117	Potent antibacterial agents: pyridinium-functionalized amphiphiles bearing 1,3,4-oxadiazole scaffolds. <i>Chemical Papers</i> , 2017, 71, 1013-1018.	2.2	6
118	Synthesis and antiviral evaluation of novel 1,3,4-oxadiazole/thiadiazole-chalcone conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4298-4301.	2.2	96
119	Synthesis and biological evaluation of pyridinium-functionalized carbazole derivatives as promising antibacterial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4294-4297.	2.2	44
120	Novel β , β' -unsaturated amide derivatives bearing β -amino phosphonate moiety as potential antiviral agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4270-4273.	2.2	30
121	Synthesis, antiviral activity, and molecular docking study of <i>trans</i> -ferulic acid derivatives containing acylhydrazone moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4096-4100.	2.2	51
122	A novel method for transmitting southern rice black-streaked dwarf virus to rice without insect vector. <i>Virology Journal</i> , 2017, 14, 155.	3.4	4
123	Binding interactions between enantiomeric β -aminophosphonate derivatives and tobacco mosaic virus coat protein. <i>International Journal of Biological Macromolecules</i> , 2017, 94, 603-610.	7.5	17
124	Synthesis and bioactivities of 1-aryl-4-hydroxy-1H-pyrrol-2(5H)-one derivatives bearing 1,3,4-oxadiazole moiety. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 315-323.	5.2	22
125	Design, synthesis, and antiviral activities of 1,5-benzothiazepine derivatives containing pyridine moiety. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 657-662.	5.5	50
126	Progress in the development and application of plant-based antiviral agents. <i>Journal of Integrative Agriculture</i> , 2017, 16, 2772-2783.	3.5	19

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127	Evaluation of Rice Resistance to Southern Rice Black-Streaked Dwarf Virus and Rice Ragged Stunt Virus through Combined Field Tests, Quantitative Real-Time PCR, and Proteome Analysis. <i>Viruses</i> , 2017, 9, 37.	3.3	11
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