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	Inhibition of Tobacco Bacterial Wilt with Sulfone Derivatives Containing an 1,3,4-Oxadiazole Moiety. Journal of Agricultural and Food Chemistry, 2012, 60, 1036-1041.	5.2	240
2	Immobilized functional ionic liquids: efficient, green, and reusable catalysts. RSC Advances, 2012, 2, 12525.	3.6	199
3	Synthesis and antifungal activities of 5-(3,4,5-trimethoxyphenyl)-2-sulfonyl-1,3,4-thiadiazole and 5-(3,4,5-trimethoxyphenyl)-2-sulfonyl-1,3,4-oxadiazole derivatives. Bioorganic and Medicinal Chemistry, 2007, 15, 3981-3989.	3.0	180
4	Synthesis and Antiviral Activities of Pyrazole Derivatives Containing an Oxime Moiety. Journal of Agricultural and Food Chemistry, 2008, 56, 10160-10167.	5.2	177
5	Acidâ€“Base Bifunctional Zirconium N-Alkyltriphosphate Nanohybrid for Hydrogen Transfer of Biomass-Derived Carboxides. ACS Catalysis, 2016, 6, 7722-7727.	11.2	158
6	Synthesis and antifungal activity of novel sulfoxide derivatives containing trimethoxyphenyl substituted 1,3,4-thiadiazole and 1,3,4-oxadiazole moiety. Bioorganic and Medicinal Chemistry, 2008, 16, 3632-3640.	3.0	153
7	Synthesis and Antiviral Activities of Chiral Thiourea Derivatives Containing an Î±-Aminophosphonate Moiety. Journal of Agricultural and Food Chemistry, 2009, 57, 1383-1388.	5.2	137
8	Design, Synthesis, and Evaluation of New Sulfone Derivatives Containing a 1,3,4-Oxadiazole Moiety as Active Antibacterial Agents. Journal of Agricultural and Food Chemistry, 2018, 66, 3093-3100.	5.2	129
9	Synthesis and Antiviral Activities of Amide Derivatives Containing the Î±-Aminophosphonate Moiety. Journal of Agricultural and Food Chemistry, 2008, 56, 998-1001.	5.2	125
10	Synthesis and antiviral activity of novel pyrazole derivatives containing oxime esters group. Bioorganic and Medicinal Chemistry, 2008, 16, 9699-9707.	3.0	120
11	Design, synthesis, and antibacterial activity against rice bacterial leaf blight and leaf streak of 2,5-substituted-1,3,4-oxadiazole/thiadiazole sulfone derivative. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1677-1680.	2.2	120
12	Synthesis, X-ray crystallographic analysis, and antitumor activity of N-(benzothiazole-2-yl)-1-(fluorophenyl)-O,O-dialkyl-Î±-aminophosphonates. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 1537-1543.	2.2	118
13	Access to P-Stereogenic Phosphinates via N-Heterocyclic Carbene-Catalyzed Desymmetrization of Bisphenols. Journal of the American Chemical Society, 2016, 138, 7524-7527.	13.7	114
14	Synthesis, structure and antibacterial activity of novel 1-(5-substituted-3-substituted-4,5-dihydropyrazol-1-yl)ethanone oxime ester derivatives. Bioorganic and Medicinal Chemistry, 2008, 16, 4075-4082.	3.0	113
15	Metal and carbene organocatalytic relay activation of alkynes for stereoselective reactions. Nature Communications, 2014, 5, 3982.	12.8	110
16	Synthesis, structure, and bioactivity of Nâ€²-substituted benzylidene-3,4,5-trimethoxybenzohydrazide and 3-acetyl-2-substituted phenyl-5-(3,4,5-trimethoxyphenyl)-2,3-dihydro-1,3,4-oxadiazole derivatives. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5036-5040.	2.2	107
17	Synthesis and Antiviral Activity of Novel Chiral Cyanoacrylate Derivatives. Journal of Agricultural and Food Chemistry, 2005, 53, 7886-7891.	5.2	106
18	Synthesis and Bioactivity Evaluation of Novel Arylimines Containing a 3-Aminoethyl-2-[(p-trifluoromethoxy)anilino]-4(3H)-quinazolinone Moiety. Journal of Agricultural and Food Chemistry, 2013, 61, 9575-9582.	5.2	106

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19	N-Heterocyclic Carbene-Catalyzed Î´-Carbon LUMO Activation of Unsaturated Aldehydes. Journal of the American Chemical Society, 2015, 137, 5658-5661.	13.7	102
20	RNA demethylation increases the yield and biomass of rice and potato plants in field trials. Nature Biotechnology, 2021, 39, 1581-1588.	17.5	102
21	Design, synthesis and insecticidal activities of novel pyrazole amides containing hydrazone substructures. Pest Management Science, 2012, 68, 801-810.	3.4	101
22	Antibacterial activities against rice bacterial leaf blight and tomato bacterial wilt of 2-mercapto-5-substituted-1,3,4-oxadiazole/thiadiazole derivatives. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 481-484.	2.2	100
23	Synthesis and antiviral evaluation of novel 1,3,4-oxadiazole/thiadiazole-chalcone conjugates. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4298-4301.	2.2	96
24	Benzene construction via organocatalytic formal [3+3] cycloaddition reaction. Nature Communications, 2014, 5, 5027.	12.8	95
25	Synthesis and antibacterial activity of pyridinium-tailored 2,5-substituted-1,3,4-oxadiazole thioether/sulfoxide/sulfone derivatives. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1214-1217.	2.2	95
26	Formal [5+3] Cycloaddition of Zwitterionic Allylpalladium Intermediates with Azomethine Imines for Construction of N,Oâ€Containing Eightâ€Membered Heterocycles. Advanced Synthesis and Catalysis, 2018, 360, 652-658.	4.3	95
27	Chemical Nematicides: Recent Research Progress and Outlook. Journal of Agricultural and Food Chemistry, 2020, 68, 12175-12188.	5.2	93
28	Polyhalides as Efficient and Mild Oxidants for Oxidative Carbene Organocatalysis by Radical Processes. Angewandte Chemie - International Edition, 2017, 56, 2942-2946.	13.8	91
29	Novel bisthioether derivatives containing a 1,3,4â€oxadiazole moiety: design, synthesis, antibacterial and nematocidal activities. Pest Management Science, 2018, 74, 844-852.	3.4	85
30	Novel trans-Ferulic Acid Derivatives Containing a Chalcone Moiety as Potential Activator for Plant Resistance Induction. Journal of Agricultural and Food Chemistry, 2017, 65, 4367-4377.	5.2	82
31	Synthesis and molecular docking study of novel coumarin derivatives containing 4,5-dihydropyrazole moiety as potential antitumor agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5705-5708.	2.2	80
32	Design, synthesis, and antibacterial activity of novel Schiff base derivatives of quinazolin-4(3H)-one. European Journal of Medicinal Chemistry, 2014, 77, 65-74.	5.5	80
33	Enantioselective Nucleophilic Î²â€Carbonâ€Atom Amination of Enals: Carbeneâ€Catalyzed Formal [3+2] Reactions. Angewandte Chemie - International Edition, 2016, 55, 12280-12284.	13.8	80
34	Carbene-catalysed reductive coupling of nitrobenzyl bromides and activated ketones or imines via single-electron-transfer process. Nature Communications, 2016, 7, 12933.	12.8	78
35	Carbene-Catalyzed Dynamic Kinetic Resolution of Carboxylic Esters. Journal of the American Chemical Society, 2016, 138, 7212-7215.	13.7	75
36	Pyrazolo[3,4-d]pyrimidine derivatives containing a Schiff base moiety as potential antiviral agents. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2979-2984.	2.2	75

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37	Facile Synthesis of Novel Vanillin Derivatives Incorporating a Bis(2-hydroxyethyl)dithhioacetal Moiety as Antiviral Agents. Journal of Agricultural and Food Chemistry, 2017, 65, 4582-4588.	5.2	73
38	Design, synthesis, antiviral activity and three-dimensional quantitative structure-activity relationship study of novel 1,4-pentadien-3-one derivatives containing the 1,3,4-oxadiazole moiety. Pest Management Science, 2016, 72, 534-543.	3.4	72
39	Synthesis and Antiviral Activities of Cyanoacrylate Derivatives Containing an Î±-Aminophosphonate Moiety. Journal of Agricultural and Food Chemistry, 2008, 56, 5242-5246.	5.2	71
40	Synthesis and bioactivity of novel sulfone derivatives containing 2,4-dichlorophenyl substituted 1,3,4-oxadiazole/thiadiazole moiety as chitinase inhibitors. Pesticide Biochemistry and Physiology, 2011, 101, 6-15.	3.6	71
41	Synthesis, Antibacterial Activities, and 3<scp>D</scp>â€<scp>QSAR</scp> of Sulfone Derivatives Containing 1, 3, 4â€Oxadiazole Moiety. Chemical Biology and Drug Design, 2013, 82, 546-556.	3.2	71
42	Label-Free Quantitative Proteomic Analysis of Chitosan Oligosaccharide-Treated Rice Infected with Southern Rice Black-Streaked Dwarf Virus. Viruses, 2017, 9, 115.	3.3	71
43	Novel amide derivatives containing 1,3,4-thiadiazole moiety: Design, synthesis, nematocidal and antibacterial activities. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1203-1210.	2.2	71
44	Synthesis and Antiviral Bioactivities of Î±-Aminophosphonates Containing Alkoxyethyl Moieties. Molecules, 2006, 11, 666-676.	3.8	70
45	Synthesis and antifungal activity of novel s-substituted 6-fluoro-4-alkyl(aryl)thioquinazoline derivatives. Bioorganic and Medicinal Chemistry, 2007, 15, 3768-3774.	3.0	69
46	Isolation and inhibitory activity against ERK Phosphorylation of hydroxyanthraquinones from rhubarb. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 563-568.	2.2	66
47	Antiproliferative activity and apoptosis-inducing mechanism of constituents from Toona sinensis on human cancer cells. Cancer Cell International, 2013, 13, 12.	4.1	66
48	Novel coumarin-dihydropyrazole thio-ethanone derivatives: Design, synthesis and anticancer activity. European Journal of Medicinal Chemistry, 2014, 74, 717-725.	5.5	66
49	Antiviral properties and interaction of novel chalcone derivatives containing a purine and benzenesulfonamide moiety. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2091-2097.	2.2	66
50	Synthesis and cytotoxicity of novel ursolic acid derivatives containing an acyl piperazine moiety. European Journal of Medicinal Chemistry, 2012, 58, 128-135.	5.5	65
51	Synthesis and Antiviral Bioactivity of Novel 3-((2-((1E,4E)-3-Oxo-5-arylpenta-1,4-dien-1-yl)phenoxy)methyl)-4(3H)-quinazolinone Derivatives. Journal of Agricultural and Food Chemistry, 2014, 62, 8928-8934.	5.2	60
52	Bounce Behavior and Regulation of Pesticide Solution Droplets on Rice Leaf Surfaces. Journal of Agricultural and Food Chemistry, 2018, 66, 11560-11568.	5.2	60
53	Rational Optimization and Action Mechanism of Novel Imidazole (or Imidazolium)-Labeled 1,3,4-Oxadiazole Thioethers as Promising Antibacterial Agents against Plant Bacterial Diseases. Journal of Agricultural and Food Chemistry, 2019, 67, 3535-3545.	5.2	59
54	Novel myricetin derivatives: Design, synthesis and anticancer activity. European Journal of Medicinal Chemistry, 2015, 97, 155-163.	5.5	58

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55	Design, synthesis, antiviral bioactivity and threeâ€dimensional quantitative structureâ€“activity relationship study of novel ferulic acid ester derivatives containing quinazoline moiety. Pest Management Science, 2017, 73, 2079-2089.	3.4	56
56	Design, Synthesis, Antiviral Bioactivity, and Defense Mechanisms of Novel Dithioacetal Derivatives Bearing a Strobilurin Moiety. Journal of Agricultural and Food Chemistry, 2018, 66, 5335-5345.	5.2	56
57	Synthesis and in vitro study of pseudo-peptide thioureas containing Î±-aminophosphonate moiety as potential antitumor agents. European Journal of Medicinal Chemistry, 2010, 45, 5108-5112.	5.5	55
58	A reaction mode of carbene-catalysed aryl aldehyde activation and induced phenol OH functionalization. Nature Communications, 2017, 8, 15598.	12.8	55
59	Construction of Fused Pyrrolidines and Î²â€Lactones by Carbeneâ€Catalyzed Câˆ’N, Câˆ’C, and Câˆ’O Bond Formations. Angewandte Chemie - International Edition, 2017, 56, 4201-4205.	13.8	55
60	Synthesis, Nematicidal Evaluation, and 3D-QSAR Analysis of Novel 1,3,4-Oxadiazoleâ€“Cinnamic Acid Hybrids. Journal of Agricultural and Food Chemistry, 2018, 66, 9616-9623.	5.2	55
61	Antiviral Activity and Mechanism of Action of Novel Thiourea Containing Chiral Phosphonate on Tobacco Mosaic Virus. International Journal of Molecular Sciences, 2011, 12, 4522-4535.	4.1	53
62	Synthesis, Antiviral Activity, and Induction of Plant Resistance of Indole Analogues Bearing Dithioacetal Moiety. Journal of Agricultural and Food Chemistry, 2019, 67, 13882-13891.	5.2	53
63	Synthesis and Antifungal Activity of Novel ChiralÎ±-Aminophosphonates Containing Fluorine Moiety. Chinese Journal of Chemistry, 2006, 24, 1581-1588.	4.9	52
64	Studies on the chemical constituents and anticancer activity of Saxifraga stolonifera (L) Meeb. Bioorganic and Medicinal Chemistry, 2008, 16, 1337-1344.	3.0	51
65	Origins of enantioselectivity in the chiral BrÃ¸nsted acid catalyzed hydrophosphonylation of imines. Organic and Biomolecular Chemistry, 2009, 7, 1292.	2.8	51
66	Synthesis, antiviral activity, and molecular docking study of trans-ferulic acid derivatives containing acylhydrazone moiety. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4096-4100.	2.2	51
67	Synthesis and Antiviral Bioactivities of 2-Aryl- or 2-Methyl-3-(substituted-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 Td (Benz	3.8	50
68	Dufulin Activates HrBP1 to Produce Antiviral Responses in Tobacco. PLoS ONE, 2012, 7, e37944.	2.5	50
69	Design, synthesis, and antiviral activities of 1,5-benzothiazepine derivatives containing pyridine moiety. European Journal of Medicinal Chemistry, 2017, 125, 657-662.	5.5	50
70	Antiproliferation and cell apoptosis inducing bioactivities of constituents from Dysosma versipellis in PC3 and Bcap-37 cell lines. Cell Division, 2011, 6, 14.	2.4	49
71	Synthesis, antiviral activity, 3D-QSAR, and interaction mechanisms study of novel malonate derivatives containing quinazolin-4(3H)-one moiety. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 168-173.	2.2	48
72	Synthesis and antiviral bioactivity of novel (1E,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (4E)-1-aryl-5-(2-(quinazolin-4-yloxy)phenyl)-1 Medicinal Chemistry, 2013, 63, 662-669.	5.5	46

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73	New chalcone derivatives: synthesis, antiviral activity and mechanism of action. RSC Advances, 2020, 10, 24483-24490.	3.6	46
74	Synthesis, structure and antibacterial activity of new 2-(1-(2-(substituted-phenyl)-5-methyloxazol-4-yl)-3-(2-substitued-phenyl)-4,5-dihydro-1H-pyrazol-5-yl)-7-substitued-1,2,3,4-tetrahydroisoquinoline derivatives. Bioorganic and Medicinal Chemistry, 2009, 17, 1207-1213.	3.2	44
75	Synthesis and biological evaluation of pyridinium-functionalized carbazole derivatives as promising antibacterial agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4294-4297.	2.2	44
76	Synthesis, Antibacterial Activity, and Mechanisms of Novel 6-Sulfonyl-1,2,4-triazolo[3,4-b][1,3,4]thiadiazole Derivatives. Journal of Agricultural and Food Chemistry, 2021, 69, 4645-4654.	5.2	44
77	A donor-DNA-free CRISPR/Cas-based approach to gene knock-up in rice. Nature Plants, 2021, 7, 1445-1452.	9.3	44
78	Synthesis and Bioactivity of a-Aminophosphonates Containing Fluorine. Molecules, 2003, 8, 186-192.	3.8	43
79	N 6 -methyl-adenosine level in Nicotiana tabacum is associated with tobacco mosaic virus. Virology Journal, 2018, 15, 87.	3.4	43
80	Synthesis, Antiviral Activity, and Mechanisms of Purine Nucleoside Derivatives Containing a Sulfonamide Moiety. Journal of Agricultural and Food Chemistry, 2019, 67, 8459-8467.	5.2	43
81	Design and synthesis of novel 5-phenyl-N-piperidine ethanone containing 4,5-dihydropyrazole derivatives as potential antitumor agents. European Journal of Medicinal Chemistry, 2012, 51, 294-299.	5.5	42
82	Nucleophilic Î²â€Carbon Activation of Propionic Acid as a 3â€Carbon Synthon by Carbene Organocatalysis. Chemistry - A European Journal, 2015, 21, 9360-9363.	3.3	42
83	Synthesis of Anthranilic Diamide Derivatives Containing Moieties of Trifluoromethylpyridine and Hydrazone as Potential Anti-Viral Agents for Plants. Journal of Agricultural and Food Chemistry, 2019, 67, 13344-13352.	5.2	42
84	Syntheses, antiviral activities and induced resistance mechanisms of novel quinazoline derivatives containing a dithioacetal moiety. Bioorganic Chemistry, 2018, 80, 433-443.	4.1	41
85	Bifunctional Chiral Organocatalysts in Organic Transformations. Current Organic Synthesis, 2009, 6, 380-399.	1.3	41
86	Synthesis and bioactivity of fluorine compounds containing isoxazolylamino and phosphonate groups. Journal of Fluorine Chemistry, 2005, 126, 1419-1424.	1.7	40
87	Asymmetric Synthesis and Bioselective Activities of Î±-Amino-phosphonates Based on the Dufulin Motif. Journal of Agricultural and Food Chemistry, 2016, 64, 4207-4213.	5.2	40
88	Novel hydrazone derivatives containing pyridine amide moiety: Design, synthesis, and insecticidal activity. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1161-1164.	2.2	40
89	Synthesis, anti-tobacco mosaic virus and cucumber mosaic virus activity, and 3D-QSAR study of novel 1,4-pentadien-3-one derivatives containing 4-thioquinazoline moiety. European Journal of Medicinal Chemistry, 2015, 102, 639-647.	5.5	39
90	Design, Synthesis, and Antiviral Activities of Coumarin Derivatives Containing Dithioacetal Structures. Journal of Agricultural and Food Chemistry, 2020, 68, 975-981.	5.2	39

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91	Synthesis and Antifungal Bioactivities of 3-Alkylquinazolin- 4-one Derivatives. Molecules, 2006, 11, 383-392.	3.8	38
92	Novel 2,4,5-trisubstituted oxazole derivatives: Synthesis and antiproliferative activity. European Journal of Medicinal Chemistry, 2009, 44, 3930-3935.	5.5	38
93	Synthesis and anti-TMV activity of novel Î²-amino acid ester derivatives containing quinazoline and benzothiazole moieties. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3452-3454.	2.2	38
94	Proteomics analysis of Xiangcaoliusuobingmi-treated Capsicum annuum L. infected with Cucumber mosaic virus. Pesticide Biochemistry and Physiology, 2018, 149, 113-122.	3.6	38
95	Asymmetric Mannich reactions catalyzed by cinchona alkaloid thiourea: enantioselective one-pot synthesis of novel Î²-amino ester derivatives. Tetrahedron: Asymmetry, 2011, 22, 518-523.	1.8	37
96	Environment-Friendly Antiviral Agents for Plants. , 2010, , .		37
97	The Development and Application of a Dot-ELISA Assay for Diagnosis of Southern Rice Black-Streaked Dwarf Disease in the Field. Viruses, 2012, 4, 167-183.	3.3	36
98	Enantioselective Degradation of Dufulin in Four Types of Soil. Journal of Agricultural and Food Chemistry, 2014, 62, 1771-1776.	5.2	36
99	Oxidative Nâ€Heterocyclic Carbeneâ€Catalyzed Î³â€Carbon Addition of Enals to Imines: Mechanistic Studies and Access to Antimicrobial Compounds. Chemistry - A European Journal, 2015, 21, 9984-9987.	3.3	36
100	Determination of carbohydrates in tobacco by pressurized liquid extraction combined with a novel ultrasound-assisted dispersive liquidâ€“liquid microextraction method. Analytica Chimica Acta, 2015, 882, 90-100.	5.4	36
101	Synthesis and Antiviral Activities of Î±-Aminophosphonate Derivatives Containing a Pyridazine Moiety. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 186, 81-87.	1.6	35
102	Design, synthesis, and antiviral activity of novel rutin derivatives containing 1, 4-pentadien-3-one moiety. European Journal of Medicinal Chemistry, 2015, 92, 732-737.	5.5	35
103	Ningnanmycin inhibits tobacco mosaic virus virulence by binding directly to its coat protein discs. Oncotarget, 2017, 8, 82446-82458.	1.8	35
104	Synthesis and bioactivity of 2-cyanoacrylates containing a trifluoromethylphenyl moiety. Journal of Fluorine Chemistry, 2005, 126, 87-92.	1.7	34
105	New coumarin derivatives: Design, synthesis and use as inhibitors of hMAO. Bioorganic and Medicinal Chemistry, 2014, 22, 3732-3738.	3.0	34
106	First Discovery of Novel Pyrido[1,2-a]pyrimidinone Mesoionic Compounds as Antibacterial Agents. Journal of Agricultural and Food Chemistry, 2019, 67, 11860-11866.	5.2	34
107	Design, synthesis and insecticidal activities of novel acetamido derivatives containing N-pyridylpyrazole carboxamides. European Journal of Medicinal Chemistry, 2013, 67, 14-18.	5.5	33
108	Antiviral activity and interaction mechanisms study of novel glucopyranoside derivatives. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3840-3844.	2.2	33

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109	Synthesis and investigation of the antibacterial activity and action mechanism of 1,3,4-oxadiazole thioether derivatives. Pesticide Biochemistry and Physiology, 2018, 147, 11-19.	3.6	33
110	Novel sulfone derivatives containing a 1,3,4â€oxadiazole moiety: design and synthesis based on the <scp>3Dâ€QSAR</scp> model as potential antibacterial agent. Pest Management Science, 2020, 76, 3188-3198.	3.4	33
111	Copper-catalyzed oxidative amidation between aldehydes and arylamines under mild conditions. Tetrahedron Letters, 2015, 56, 831-833.	1.4	32
112	Purine Nucleoside Derivatives Containing a Sulfa Ethylamine Moiety: Design, Synthesis, Antiviral Activity, and Mechanism. Journal of Agricultural and Food Chemistry, 2021, 69, 5575-5582.	5.2	32
113	Label-free quantitative proteomics analysis of Cytosinpeptidemycin responses in southern rice black-streaked dwarf virus-infected rice. Pesticide Biochemistry and Physiology, 2018, 147, 20-26.	3.6	31
114	Design, Synthesis, Antibacterial Activity, and Mechanisms of Novel 1,3,4-Thiadiazole Derivatives Containing an Amide Moiety. Journal of Agricultural and Food Chemistry, 2021, 69, 8660-8670.	5.2	31
115	Synthesis and molecular docking studies of novel 2-chloro-pyridine derivatives containing flavone moieties as potential antitumor agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4163-4167.	2.2	30
116	Design and synthesis of N-phenylacetyl (sulfonyl) 4,5-dihydropyrazole derivatives as potential antitumor agents. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2916-2920.	2.2	30
117	Synthesis and antifungal activity of novel pyrazolecarboxamide derivatives containing a hydrazone moiety. Chemistry Central Journal, 2012, 6, 51.	2.6	30
118	Synthesis and anticancer activities of 4-(4-substituted piperazin)-5,6,7-trialkoxy quinazoline derivatives. European Journal of Medicinal Chemistry, 2014, 78, 23-34.	5.5	30
119	Design, Synthesis, and Antiviral Activity of Novel Chalcone Derivatives Containing a Purine Moiety. Chinese Journal of Chemistry, 2017, 35, 665-672.	4.9	30
120	Novel Î±,Î²-unsaturated amide derivatives bearing Î±-amino phosphonate moiety as potential antiviral agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4270-4273.	2.2	30
121	Î±-Haloacetophenone and analogues as potential antibacterial agents and nematicides. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126814.	2.2	30
122	Synthesis and bioactivity of 4-alkyl(aryl)thioquinazoline derivatives. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2193-2196.	2.2	29
123	Synthesis and antibacterial activity against ralstonia solanacearum for novel hydrazone derivatives containing a pyridine moiety. Chemistry Central Journal, 2012, 6, 28.	2.6	29
124	Novel vanillin derivatives containing a 1,3,4-thiadiazole moiety as potential antibacterial agents. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127113.	2.2	29
125	Discovery of novel indole derivatives containing dithioacetal as potential antiviral agents for plants. Pesticide Biochemistry and Physiology, 2020, 166, 104568.	3.6	29
126	Synthesis and Anticancer Activity of 2,3,4-Trimethoxyacetophenoxime Ester Containing Benzothiazole Moiety. Chinese Journal of Chemistry, 2005, 23, 1236-1240.	4.9	28

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127	Synthesis and antiviral activity of novel pyrazole amides containing Î±â€aminophosphonate moiety. Journal of Heterocyclic Chemistry, 2011, 48, 389-396.	2.6	28
128	Crystal Structure of a Four-Layer Aggregate of Engineered TMV CP Implies the Importance of Terminal Residues for Oligomer Assembly. PLoS ONE, 2013, 8, e77717.	2.5	28
129	Design, synthesis, and insecticidal activity evaluation of novel 4â€(N,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (N,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 655 Td insecticides. Pest Management Science, 2019, 75, 427-437.	3.4	28
130	Novel 1,3,4-Oxadiazole Derivatives Containing a Cinnamic Acid Moiety as Potential Bactericide for Rice Bacterial Diseases. International Journal of Molecular Sciences, 2019, 20, 1020.	4.1	28
131	Synthesis and Antifungal Activity of 5-Chloro-6-Phenylpyridazin-3(2H)-one Derivatives. Molecules, 2009, 14, 3676-3687.	3.8	27
132	Design and synthesis of novel 2-methyl-4,5-substitutedbenzo[f]-3,3a,4,5-tetrahydro-pyrazolo[1,5-d][1,4]oxazepin-8(7H)-one derivatives as telomerase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 720-723.	2.2	27
133	New 2H-chromene-3-carboxamide derivatives: Design, synthesis and use as inhibitors of hMAO. European Journal of Medicinal Chemistry, 2014, 80, 278-284.	5.5	27
134	Discovery of novel bis-sulfoxide derivatives bearing acylhydrazone and benzothiazole moieties as potential antibacterial agents. Pesticide Biochemistry and Physiology, 2020, 167, 104605.	3.6	27
135	Some Potential Chiral Catalysts for Preparation of Asymmetric α-Aminophosphonates. Current Organic Synthesis, 2008, 5, 134-150.	1.3	27
136	An effective route to fluorine containing asymmetric Î±â€aminophosphonates using chiral Bronsted acid catalyst. Chirality, 2009, 21, 547-557.	2.6	26
137	Investigating the antifungal activity and mechanism of a microbial pesticide Shenqinmycin against Phoma sp.. Pesticide Biochemistry and Physiology, 2018, 147, 46-50.	3.6	26
138	Design and synthesis of novel 1,3,4-oxadiazole sulfone compounds containing 3,4-dichloroisothiazolylamide moiety and evaluation of rice bacterial activity. Pesticide Biochemistry and Physiology, 2020, 170, 104695.	3.6	26
139	Pesticidal Activity and Mode of Action of Monoterpenes. Journal of Agricultural and Food Chemistry, 2022, 70, 4556-4571.	5.2	26
140	Antiproliferative and cell apoptosis-inducing activities of compounds from Buddleja davidii in Mgc-803 cells. Cell Division, 2012, 7, 20.	2.4	25
141	Synthesis and Bioactivities of Î±-Aminophosphonate Derivatives Containing Benzothiazole and Thiourea Moieties. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 61-70.	1.6	25
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