

Guang-Fu Yang

List of Publications by Year in descending order

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238
papers

9,744
citations

30070

54
h-index

54911

84
g-index

244
all docs

244
docs citations

244
times ranked

8849
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on recent developments of indole-containing antiviral agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 421-441.	5.5	643
2	Palladium-Catalyzed Cross-Coupling Reactions: A Powerful Tool for the Synthesis of Agrochemicals. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8914-8934.	5.2	266
3	Sulfur-Containing Agrochemicals. <i>Topics in Current Chemistry</i> , 2017, 375, 82.	5.8	259
4	Synthesis, antifungal activity and CoMFA analysis of novel 1,2,4-triazolo[1,5-a]pyrimidine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 595-603.	5.5	207
5	A drug-likeness toolbox facilitates ADMET study in drug discovery. <i>Drug Discovery Today</i> , 2020, 25, 248-258.	6.4	202
6	A Coumarin-Based Fluorescent Probe for Selective and Sensitive Detection of Thiophenols and Its Application. <i>Analytical Chemistry</i> , 2014, 86, 3037-3042.	6.5	175
7	An Update on Poly(ADP-ribose)polymerase-1 (PARP-1) Inhibitors: Opportunities and Challenges in Cancer Therapy. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9575-9598.	6.4	166
8	An overview of spirooxindole as a promising scaffold for novel drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 603-625.	5.0	157
9	Computational Discovery of Picomolar <i>Q</i> ₁ Site Inhibitors of Cytochrome <i>bc</i> ₁ Complex. <i>Journal of the American Chemical Society</i> , 2012, 134, 11168-11176.	13.7	147
10	Melanin-dot-mediated delivery of metallacycle for NIR-II/photoacoustic dual-modal imaging-guided chemo-photothermal synergistic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16729-16735.	7.1	141
11	Rhomboidal Pt(II) metallacycle-based NIR-II theranostic nanoprobe for tumor diagnosis and image-guided therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1968-1973.	7.1	140
12	Rational design of a multifunctional molecular dye for dual-modal NIR-II/photoacoustic imaging and photothermal therapy. <i>Chemical Science</i> , 2019, 10, 8348-8353.	7.4	137
13	Structure-Based Discovery of Potential Fungicides as Succinate Ubiquinone Oxidoreductase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1021-1029.	5.2	124
14	Synthesis and antifungal activity of 3-(1,3,4-oxadiazol-5-yl)-indoles and 3-(1,3,4-oxadiazol-5-yl)methyl-indoles. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 22-32.	5.5	123
15	ACFIS: a web server for fragment-based drug discovery. <i>Nucleic Acids Research</i> , 2016, 44, W550-W556.	14.5	111
16	Subnanomolar Inhibitor of Cytochrome <i>bc</i> ₁ Complex Designed by Optimizing Interaction with Conformationally Flexible Residues. <i>Journal of the American Chemical Society</i> , 2010, 132, 185-194.	13.7	110
17	Recent advances in cytokine detection by immunosensing. <i>Biosensors and Bioelectronics</i> , 2016, 79, 810-821.	10.1	109
18	A Highly Sensitive and Selective Fluorescent Probe for Thiophenol Designed via a Twist-Blockage Strategy. <i>Analytical Chemistry</i> , 2016, 88, 2266-2272.	6.5	103

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19	Synthesis, Fungicidal, and Insecticidal Activities of Î²-Methoxyacrylate-Containing N-Acetyl Pyrazoline Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 10767-10773.	5.2	101
20	A nano-cocktail of an NIR-II emissive fluorophore and organoplatinum(Pt^{II}) metallacycle for efficient cancer imaging and therapy. <i>Chemical Science</i> , 2019, 10, 7023-7028.	7.4	98
21	Development of Quantitative Structure-Activity Relationships and Its Application in Rational Drug Design. <i>Current Pharmaceutical Design</i> , 2006, 12, 4601-4611.	1.9	97
22	4-Hydroxyphenylpyruvate Dioxygenase Inhibitors: From Chemical Biology to Agrochemicals. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8523-8537.	5.2	97
23	A highly selective and recyclable NO-responsive nanochannel based on a spiroring opening-closing reaction strategy. <i>Nature Communications</i> , 2019, 10, 1323.	12.8	96
24	LARMD: integration of bioinformatic resources to profile ligand-driven protein dynamics with a case on the activation of estrogen receptor. <i>Briefings in Bioinformatics</i> , 2020, 21, 2206-2218.	6.5	95
25	Design, Synthesis, and 3D-QSAR Analysis of Novel 1,3,4-Oxadiazol-2(3H)-ones as Protoporphyrinogen Oxidase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2643-2651.	5.2	85
26	Synthesis and Herbicidal Activity of Triketone-Quinoline Hybrids as Novel 4-Hydroxyphenylpyruvate Dioxygenase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5587-5596.	5.2	85
27	The assembly of succinate dehydrogenase: a key enzyme in bioenergetics. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 4023-4042.	5.4	84
28	A Comparative Study on the Constitutive Properties of Marketed Pesticides. <i>Molecular Informatics</i> , 2011, 30, 614-622.	2.5	81
29	Synthesis and Herbicidal Evaluation of Triketone-Containing Quinazoline-2,4-diones. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 11786-11796.	5.2	81
30	Protoporphyrinogen Oxidase Inhibitor: An Ideal Target for Herbicide Discovery. <i>Chimia</i> , 2011, 65, 961.	0.6	80
31	Syntheses of coumarin-tacrine hybrids as dual-site acetylcholinesterase inhibitors and their activity against butylcholinesterase, $\text{A}\beta$ aggregation, and Î^2 -secretase. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4784-4791.	3.0	77
32	PEGylation Regulates Self-Assembled Small-Molecule Dye-Based Probes from Single Molecule to Nanoparticle Size for Multifunctional NIR-II Bioimaging. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800973.	7.6	75
33	Design, synthesis and herbicidal activity of novel quinazoline-2,4-diones as 4-hydroxyphenylpyruvate dioxygenase inhibitors. <i>Pest Management Science</i> , 2015, 71, 1122-1132.	3.4	74
34	IgG Antibody Response Elicited by a Fully Synthetic Two-Component Carbohydrate-Based Cancer Vaccine Candidate with Î±-Galactosylceramide as Built-in Adjuvant. <i>Organic Letters</i> , 2017, 19, 456-459.	4.6	72
35	Diaryl Ether: A Privileged Scaffold for Drug and Agrochemical Discovery. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 9839-9877.	5.2	70
36	Graph attention convolutional neural network model for chemical poisoning of honey bees™ prediction. <i>Science Bulletin</i> , 2020, 65, 1184-1191.	9.0	70

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37	Computational Design of a Human Butyrylcholinesterase Mutant for Accelerating Cocaine Hydrolysis Based on the Transition-State Simulation. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 653-657.	13.8	69
38	Discovery of Potent Succinate-Ubiquinone Oxidoreductase Inhibitors via Pharmacophore-linked Fragment Virtual Screening Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4830-4837.	5.2	68
39	Molecular insights into the mechanism of 4-hydroxyphenylpyruvate dioxygenase inhibition: enzyme kinetics, X-ray crystallography and computational simulations. <i>FEBS Journal</i> , 2019, 286, 975-990.	4.7	68
40	Detection of Intracellular Selenol-Containing Molecules Using a Fluorescent Probe with Near-Zero Background Signal. <i>Analytical Chemistry</i> , 2016, 88, 6084-6091.	6.5	67
41	Discovery of Butyrylcholinesterase-Activated Near-Infrared Fluorogenic Probe for Live-Cell and <i>In Vivo</i> Imaging. <i>ACS Sensors</i> , 2018, 3, 2118-2128.	7.8	67
42	Chemical Manipulation of Abscisic Acid Signaling: A New Approach to Abiotic and Biotic Stress Management in Agriculture. <i>Advanced Science</i> , 2020, 7, 2001265.	11.2	67
43	Design and Syntheses of Novel Phthalazin-1(2H)-one Derivatives as Acetohydroxyacid Synthase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 9135-9139.	5.2	65
44	Where are the new herbicides?. <i>Pest Management Science</i> , 2021, 77, 2620-2625.	3.4	65
45	Graphene Oxide Signal Reporter Based Multifunctional Immunosensing Platform for Amperometric Profiling of Multiple Cytokines in Serum. <i>ACS Sensors</i> , 2018, 3, 1553-1561.	7.8	64
46	Synthesis, Herbicidal Activity, and QSAR of Novel <i>N</i> -Benzothiazolyl-pyrimidine-2,4-diones as Protoporphyrinogen Oxidase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 552-562.	5.2	63
47	Succinate Dehydrogenase: An Ideal Target for Fungicide Discovery. <i>ACS Symposium Series</i> , 2015, , 175-194.	0.5	62
48	Rational Design of a Multifunctional Molecular Dye with Single Dose and Laser for Efficiency NIR-II Fluorescence/Photoacoustic Imaging Guided Photothermal Therapy. <i>Analytical Chemistry</i> , 2019, 91, 12476-12483.	6.5	62
49	Crystal Structure of 4-Hydroxyphenylpyruvate Dioxygenase in Complex with Substrate Reveals a New Starting Point for Herbicide Discovery. <i>Research</i> , 2019, 2019, 2602414.	5.7	62
50	An Efficient One-Pot Synthesis of 2-(Aryloxyacetyl)cyclohexane-1,3-diones as Herbicidal 4-Hydroxyphenylpyruvate Dioxygenase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8986-8993.	5.2	60
51	Synthesis and antifungal activity of novel indole-replaced streptochlorin analogues. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 669-674.	5.5	60
52	Multienzyme-Targeted Fluorescent Probe as a Biosensing Platform for Broad Detection of Pesticide Residues. <i>Analytical Chemistry</i> , 2021, 93, 7079-7085.	6.5	59
53	Design of a Metallacycle-Based Supramolecular Photosensitizer for <i>In Vivo</i> Image-Guided Photodynamic Inactivation of Bacteria. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202110048.	13.8	59
54	Design and Syntheses of Novel <i>N</i> -(Benzo[thiazol-5-yl]-4,5,6,7-tetrahydro-1 <i>H</i> -isoindole-1,3(2 <i>H</i>)-dione and <i>N</i> -(Benzo[thiazol-5-yl])isoindoline-1,3-dione as Potent Protoporphyrinogen Oxidase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 6172-6179.	5.2	57

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55	Synthesis and Antifungal Activity of Novel Sclerotiorin Analogues. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4480-4491.	5.2	56
56	Structural insight into human variegate porphyria disease. <i>FASEB Journal</i> , 2011, 25, 653-664.	0.5	54
57	Synthesis and antifungal activity of novel streptochlorin analogues. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 776-783.	5.5	54
58	Design, Synthesis, and Herbicidal Activity of Pyrimidine-Biphenyl Hybrids as Novel Acetohydroxyacid Synthase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3773-3782.	5.2	54
59	Computational and Experimental Insight into the Molecular Mechanism of Carboxamide Inhibitors of Succinate-Ubiquinone Oxidoreductase. <i>ChemMedChem</i> , 2014, 9, 1512-1521.	3.2	53
60	pH-Responsive Surface Activity and Solubilization with Novel Pyrrolidone-Based Gemini Surfactants. <i>Langmuir</i> , 2012, 28, 7174-7181.	3.5	52
61	Ametoctradin is a Potent Q_o Site Inhibitor of the Mitochondrial Respiration Complex III. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 3377-3386.	5.2	52
62	ACID: a free tool for drug repurposing using consensus inverse docking strategy. <i>Journal of Cheminformatics</i> , 2019, 11, 73.	6.1	52
63	Design and synthesis of N-2,6-difluorophenyl-5-methoxyl-1,2,4-triazolo[1,5-a]-pyrimidine-2-sulfonamide as acetohydroxyacid synthase inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3011-3017.	3.0	51
64	Rational Design Based on Bioactive Conformation Analysis of Pyrimidinylbenzoates as Acetohydroxyacid Synthase Inhibitors by Integrating Molecular Docking, CoMFA, CoMSIA, and DFT Calculations. <i>Journal of Chemical Information and Modeling</i> , 2007, 47, 2335-2344.	5.4	50
65	Rational Design and Application of an Indolium-Derived Heptamethine Cyanine with Record-Long Second Near-Infrared Emission. <i>CCS Chemistry</i> , 2022, 4, 1961-1976.	7.8	50
66	Computational Design and Discovery of Conformationally Flexible Inhibitors of Acetohydroxyacid Synthase to Overcome Drug Resistance Associated with the W586L Mutation. <i>ChemMedChem</i> , 2008, 3, 1203-1206.	3.2	49
67	Understanding the Mechanism of Drug Resistance Due to a Codon Deletion in Protoporphyrinogen Oxidase through Computational Modeling. <i>Journal of Physical Chemistry B</i> , 2009, 113, 4865-4875.	2.6	47
68	Natural Product Neopeltolide as a Cytochrome c_1 Complex Inhibitor: Mechanism of Action and Structural Modification. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2774-2781.	5.2	47
69	An Efficient Intramolecular Stetter Reaction in Room Temperature Ionic Liquids Promoted By Microwave Irradiation. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1826-1830.	4.3	46
70	Syntheses and herbicidal activity of new triazolopyrimidine-2-sulfonamides as acetohydroxyacid synthase inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4897-4904.	3.0	46
71	Computational Mutation Scanning and Drug Resistance Mechanisms of HIV-1 Protease Inhibitors. <i>Journal of Physical Chemistry B</i> , 2010, 114, 9663-9676.	2.6	45
72	PADFrag: A Database Built for the Exploration of Bioactive Fragment Space for Drug Discovery. <i>Journal of Chemical Information and Modeling</i> , 2018, 58, 1725-1730.	5.4	45

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73	Discovery of Pyrazine-Carboxamide-Diphenyl-Ethers as Novel Succinate Dehydrogenase Inhibitors via Fragment Recombination. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14001-14008.	5.2	45
74	Non-Peptide-Based Fluorogenic Small-Molecule Probe for Elastase. <i>Analytical Chemistry</i> , 2013, 85, 11304-11311.	6.5	44
75	Synthesis and Herbicidal Activity of Pyrido[2,3- <i>d</i>]pyrimidine-2,4-dione-Benzoxazinone Hybrids as Protoporphyrinogen Oxidase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5278-5286.	5.2	44
76	FungiPAD: A Free Web Tool for Compound Property Evaluation and Fungicide-Likeness Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1823-1830.	5.2	44
77	Activity-Based Near-Infrared Fluorogenic Probe for Enabling in Vitro and in Vivo Profiling of Neutrophil Elastase. <i>Analytical Chemistry</i> , 2019, 91, 3877-3884.	6.5	44
78	Development of a general quantum-chemical descriptor for steric effects: Density functional theory based QSAR study of herbicidal sulfonylurea analogues. <i>Journal of Computational Chemistry</i> , 2006, 27, 1571-1576.	3.3	43
79	Discovery of N-benzoxazol-5-yl-pyrazole-4-carboxamides as nanomolar SQR inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 95, 424-434.	5.5	43
80	Pyrazole-Isoindoline-1,3-dione Hybrid: A Promising Scaffold for 4-Hydroxyphenylpyruvate Dioxygenase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10844-10852.	5.2	43
81	Discovery of a butyrylcholinesterase-specific probe via a structure-based design strategy. <i>Chemical Communications</i> , 2017, 53, 3952-3955.	4.1	42
82	Understanding the structure-activity and structure-selectivity correlation of cyclic guanine derivatives as phosphodiesterase-5 inhibitors by molecular docking, CoMFA and CoMSIA analyses. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 1462-1473.	3.0	41
83	Design, synthesis, and bioevaluation of benzamides: Novel acetylcholinesterase inhibitors with multi-functions on butyrylcholinesterase, A β aggregation, and β -secretase. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6739-6750.	3.0	39
84	Triazolopyrimidines as a New Herbicidal Lead for Combating Weed Resistance Associated with Acetohydroxyacid Synthase Mutation. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4845-4857.	5.2	39
85	Bioactive Permethrin/ β -Cyclodextrin Inclusion Complex. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7044-7048.	2.6	38
86	PlantSPEAD: a web resource towards comparatively analysing stress-responsive expression of splicing-related proteins in plant. <i>Plant Biotechnology Journal</i> , 2021, 19, 227-229.	8.3	38
87	A Selective Transformation of Flavanones to 3-Bromoflavones and Flavones Under Microwave Irradiation. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 63-67.	4.3	37
88	The first example of a regioselective Biginelli-like reaction based on 3-alkylthio-5-amino-1,2,4-triazole. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 139-148.	2.6	37
89	An Activity-Based Fluorogenic Probe Enables Cellular and in Vivo Profiling of Carboxylesterase Isozymes. <i>Analytical Chemistry</i> , 2020, 92, 9205-9213.	6.5	37
90	A comprehensive study on micellization of dissymmetric pyrrolidinium headgroup-based gemini surfactants. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10265-10273.	2.8	36

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91	Cloud 3D-QSAR: a web tool for the development of quantitative structure-activity relationship models in drug discovery. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	36
92	Expanding the Chemical Space of Succinate Dehydrogenase Inhibitors via the Carbon-Silicon Switch Strategy. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3965-3971.	5.2	36
93	Quantitative structure-activity relationships of 1,3,4-thiadiazol-2(3H)-ones and 1,3,4-oxadiazol-2(3H)-ones as human protoporphyrinogen oxidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 296-304.	3.0	35
94	Pyrazolone-quinazolone hybrids: A novel class of human 4-hydroxyphenylpyruvate dioxygenase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5194-5211.	3.0	34
95	Discovery of Novel Pyrazole-Quinazoline-2,4-dione Hybrids as 4-Hydroxyphenylpyruvate Dioxygenase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5059-5067.	5.2	34
96	A Hg(II)-specific probe for imaging application in living systems and quantitative analysis in environmental/food samples. <i>Chinese Chemical Letters</i> , 2021, 32, 1527-1531.	9.0	33
97	Structure-Guided Discovery of Silicon-Containing Subnanomolar Inhibitor of Hydroxyphenylpyruvate Dioxygenase as a Potential Herbicide. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 459-473.	5.2	33
98	Genetic, epigenetic and biochemical regulation of succinate dehydrogenase function. <i>Biological Chemistry</i> , 2020, 401, 319-330.	2.5	32
99	Rational Redesign of Enzyme via the Combination of Quantum Mechanics/Molecular Mechanics, Molecular Dynamics, and Structural Biology Study. <i>Journal of the American Chemical Society</i> , 2021, 143, 15674-15687.	13.7	32
100	Synthesis and bioevaluation of pyrazole-benzimidazolone hybrids as novel human 4-Hydroxyphenylpyruvate dioxygenase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 427-438.	5.5	30
101	Discovery of 1,2,4-triazole-1,3-disulfonamides as dual inhibitors of mitochondrial complex II and complex III. <i>New Journal of Chemistry</i> , 2015, 39, 7281-7292.	2.8	30
102	Human Neutrophil Elastase Activated Fluorescent Probe for Pulmonary Diseases Based on Fluorescence Resonance Energy Transfer Using CdSe/ZnS Quantum Dots. <i>ACS Nano</i> , 2020, 14, 4244-4254.	14.6	30
103	Phylogenetic comparison of 5' splice site determination in central spliceosomal proteins of the <i>U1</i> gene family, in response to developmental cues and stress conditions. <i>Plant Journal</i> , 2020, 103, 357-378.	5.7	30
104	Synthesis of 5-aryltriazole ribonucleosides via Suzuki coupling and promoted by microwave irradiation. <i>Tetrahedron Letters</i> , 2006, 47, 6727-6731.	1.4	29
105	Understanding Resistance Mechanism of Protoporphyrinogen Oxidase-Inhibiting Herbicides: Insights from Computational Mutation Scanning and Site-Directed Mutagenesis. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 7209-7215.	5.2	29
106	A Time Dependent Density Functional Theory Study of λ -84 Phycocyanobilin Chromophore in C-Phycocyanin. <i>Journal of Physical Chemistry B</i> , 2005, 109, 11088-11090.	2.6	27
107	Supramolecular Rhombic Grids Formed from Bimolecular Building Blocks. <i>Journal of the American Chemical Society</i> , 2009, 131, 11695-11697.	13.7	27
108	Recent Developments in the Synthesis and Applications of Isatins. <i>Organic Preparations and Procedures International</i> , 2014, 46, 317-362.	1.3	27

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109	Discovery of a Fungicide Candidate Targeting Succinate Dehydrogenase via Computational Substitution Optimization. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 13227-13234.	5.2	27
110	New Facile Synthesis of 3,5-Dihydro-6H-imidazo[1,2-b]-1,2,4-triazol-6-ones by an Iminophosphorane-Mediated Annulation. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 4170-4176.	2.4	26
111	Nonpeptide-Based Small-Molecule Probe for Fluorogenic and Chromogenic Detection of Chymotrypsin. <i>Analytical Chemistry</i> , 2017, 89, 3687-3693.	6.5	26
112	InsectiPAD: A Web Tool Dedicated to Exploring Physicochemical Properties and Evaluating Insecticide-Likeness of Small Molecules. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 630-635.	5.4	26
113	Synthesis and Herbicidal Activity of Triketone-Aminopyridines as Potent <i>p</i> -Hydroxyphenylpyruvate Dioxygenase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 5734-5745.	5.2	26
114	Graphene Oxide Based Recyclable <i>in Vivo</i> Device for Amperometric Monitoring of Interferon- β in Inflammatory Mice. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33078-33087.	8.0	25
115	Molecular pathogenesis of tumorigenesis caused by succinate dehydrogenase defect. <i>European Journal of Cell Biology</i> , 2020, 99, 151057.	3.6	25
116	Near-Infrared Fluorescence/Photoacoustic Agent with an Intensifying Optical Performance for Imaging-Guided Effective Photothermal Therapy. <i>Advanced Therapeutics</i> , 2020, 3, 2000170.	3.2	25
117	Multifunctional Protein Conjugates with Built-in Adjuvant (Adjuvant-Protein-Antigen) as Cancer Vaccines Boost Potent Immune Responses. <i>IScience</i> , 2020, 23, 100935.	4.1	25
118	Redox probes tagged electrochemical aptasensing device for simultaneous detection of multiple cytokines in real time. <i>Sensors and Actuators B: Chemical</i> , 2021, 336, 129747.	7.8	25
119	A photo-responsive macroscopic switch constructed using a chiral azo-calix[4]arene functionalized silicon surface. <i>Chemical Communications</i> , 2018, 54, 2978-2981.	4.1	24
120	2,7-naphthyridinone-based MET kinase inhibitors: A promising novel scaffold for antitumor drug development. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 705-714.	5.5	24
121	A capillary electrophoresis assay for recombinant <i>Bacillus subtilis</i> protoporphyrinogen oxidase. <i>Analytical Biochemistry</i> , 2008, 383, 200-204.	2.4	23
122	Computational Discovery of Potent and Bioselective Protoporphyrinogen IX Oxidase Inhibitor via Fragment Deconstruction Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5581-5588.	5.2	23
123	Fluorescence Probes for Reactive Sulfur Species in Agricultural Chemistry. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 13700-13712.	5.2	23
124	Self-Adjuvanting Lipoprotein Conjugate $\hat{\pm}$ GalCer-RBD Induces Potent Immunity against SARS-CoV-2 and its Variants of Concern. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2558-2570.	6.4	23
125	Construction of a combinatorial library of 2-(4-oxo-4H-1-benzopyran-3-yl)-4-thiazolidinones by microwave-assisted one-pot parallel syntheses. <i>Heteroatom Chemistry</i> , 2007, 18, 381-389.	0.7	22
126	Novel coumarin-based sensitive and selective fluorescent probes for biothiols in aqueous solution and in living cells. <i>RSC Advances</i> , 2013, 3, 26059.	3.6	22

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127	Hydrophobicity-oriented drug design (HODD) of new human 4-hydroxyphenylpyruvate dioxygenase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 166, 22-31.	5.5	22
128	Synthesis and biological evaluation of new MET inhibitors with 1,6-naphthyridinone scaffold. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111803.	5.5	22
129	Auto In Silico Ligand Directing Evolution to Facilitate the Rapid and Efficient Discovery of Drug Lead. <i>IScience</i> , 2020, 23, 101179.	4.1	22
130	Fragment-based drug design facilitates selective kinase inhibitor discovery. <i>Trends in Pharmacological Sciences</i> , 2021, 42, 551-565.	8.7	22
131	Discovery of Next-Generation Tropomyosin Receptor Kinase Inhibitors for Combating Multiple Resistance Associated with Protein Mutation. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15503-15514.	6.4	22
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