

Ying Fu

List of Publications by Year in descending order

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107
papers

2,591
citations

136950

32
h-index

254184

43
g-index

112
all docs

112
docs citations

112
times ranked

1460
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel dithiourea-appended naphthalimide α -cyclodextrin fluorescent probe for detecting Hg ²⁺ and Ag ⁺ and its application in cell imaging. <i>Talanta</i> , 2019, 200, 494-502.	5.5	82
2	Two luminescent dye@MOFs systems as dual-emitting platforms for efficient pesticides detection. <i>Journal of Hazardous Materials</i> , 2020, 381, 120966.	12.4	78
3	Physicochemical properties and fungicidal activity of inclusion complexes of fungicide chlorothalonil with β -cyclodextrin and hydroxypropyl- β -cyclodextrin. <i>Journal of Molecular Liquids</i> , 2019, 293, 111513.	4.9	71
4	Design, synthesis, SAR and molecular docking of novel green niacin-triketone HPPD inhibitor. <i>Industrial Crops and Products</i> , 2019, 137, 566-575.	5.2	70
5	A highly sensitive and selective fluorescent probe for determination of Cu (II) and application in live cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 208, 198-205.	3.9	70
6	Discovery of <i>N</i> -Aroyl Diketone/Triketone Derivatives as Novel 4-Hydroxyphenylpyruvate Dioxygenase Inhibiting-Based Herbicides. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11839-11847.	5.2	59
7	Cobalt (II) complex as a fluorescent sensing platform for the selective and sensitive detection of triketone HPPD inhibitors. <i>Journal of Hazardous Materials</i> , 2021, 404, 124015.	12.4	56
8	Safeners Improve Maize Tolerance under Herbicide Toxicity Stress by Increasing the Activity of Enzymes <i>in Vivo</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11568-11576.	5.2	55
9	A lysosome-targetable fluorescent probe for imaging trivalent cations Fe ³⁺ , Al ³⁺ and Cr ³⁺ in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117242.	3.9	52
10	Thiram/hydroxypropyl- β -cyclodextrin inclusion complex electrospun nanofibers for a fast dissolving water-based drug delivery system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 201, 111625.	5.0	51
11	A built-in self-calibrating luminescence sensor based on RhB@Zr-MOF for detection of cations, nitro explosives and pesticides. <i>RSC Advances</i> , 2020, 10, 19149-19156.	3.6	51
12	Design, Synthesis, and Herbicidal Activity of Novel Diphenyl Ether Derivatives Containing Fast Degrading Tetrahydrophthalimide. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3729-3741.	5.2	50
13	Research Progress in the Design and Synthesis of Herbicide Safeners: A Review. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5499-5515.	5.2	49
14	Highly efficient nondoped blue electroluminescence based on hybridized local and charge-transfer emitter bearing pyrene-imidazole and pyrene. <i>Chemical Engineering Journal</i> , 2021, 420, 129939.	12.7	48
15	A naked-eye visible colorimetric and fluorescent chemosensor for rapid detection of fluoride anions: Implication for toxic fluorine-containing pesticides detection. <i>Journal of Molecular Liquids</i> , 2020, 302, 112549.	4.9	47
16	Encapsulation of thiabendazole in hydroxypropyl- β -cyclodextrin nanofibers via polymer-free electrospinning and its characterization. <i>Pest Management Science</i> , 2020, 76, 3264-3272.	3.4	47
17	Design, Synthesis, and Biological Activity of Novel Diazabicyclo Derivatives as Safeners. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3403-3414.	5.2	47
18	New Fluorescent Probes for the Sensitive Determination of Glyphosate in Food and Environmental Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12661-12673.	5.2	45

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19	3D Pharmacophore-Based Virtual Screening and Docking Approaches toward the Discovery of Novel HPPD Inhibitors. <i>Molecules</i> , 2017, 22, 959.	3.8	44
20	Enhanced physicochemical properties and herbicidal activity of an environment-friendly clathrate formed by β -cyclodextrin and herbicide cyanazine. <i>Journal of Molecular Liquids</i> , 2020, 305, 112858.	4.9	44
21	Design, Synthesis, and SAR of Novel 1,3-Disubstituted Imidazolidine or Hexahydropyrimidine Derivatives as Herbicide Safeners. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 45-54.	5.2	42
22	Rational design, synthesis and structure-activity relationship of novel substituted oxazole isoxazole carboxamides as herbicide safener. <i>Pesticide Biochemistry and Physiology</i> , 2019, 157, 60-68.	3.6	41
23	Fragments recombination, design, synthesis, safener activity and CoMFA model of novel substituted dichloroacetylphenyl sulfonamide derivatives. <i>Pest Management Science</i> , 2021, 77, 1724-1738.	3.4	41
24	A New Fluorescent Chemosensor for Cobalt(II) Ions in Living Cells Based on 1,8-Naphthalimide. <i>Molecules</i> , 2019, 24, 3093.	3.8	40
25	Fragment Recombination Design, Synthesis, and Safener Activity of Novel Ester-Substituted Pyrazole Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8366-8379.	5.2	40
26	Design, Synthesis, Structure-Activity Relationship, Molecular Docking, and Herbicidal Evaluation of 2-Cinnamoyl-3-Hydroxycyclohex-2-en-1-one Derivatives as Novel 4-Hydroxyphenylpyruvate Dioxygenase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12621-12633.	5.2	39
27	Combination of Virtual Screening Protocol by in Silico toward the Discovery of Novel 4-Hydroxyphenylpyruvate Dioxygenase Inhibitors. <i>Frontiers in Chemistry</i> , 2018, 6, 14.	3.6	38
28	Preparation and characterization of cyanazine- β -hydroxypropyl-beta-cyclodextrin inclusion complex. <i>RSC Advances</i> , 2019, 9, 26109-26115.	3.6	38
29	A luminescent sensor based on a new Cd-MOF for nitro explosives and organophosphorus pesticides detection. <i>Inorganic Chemistry Communication</i> , 2020, 122, 108272.	3.9	38
30	Highly Efficient Blue Organic Light-Emitting Diode Based on a Pyrene[4,5- <i>b</i>]Imidazole-Pyrene Molecule. <i>CCS Chemistry</i> , 2022, 4, 214-227.	7.8	38
31	Design, synthesis, herbicidal activity and CoMFA of aryl-formyl piperidinone HPPD inhibitors. <i>Pesticide Biochemistry and Physiology</i> , 2021, 174, 104811.	3.6	38
32	Protective efficacy of phenoxyacetyl oxazolidine derivatives as safeners against nicosulfuron toxicity in maize. <i>Pest Management Science</i> , 2021, 77, 177-183.	3.4	37
33	Enhanced Solubility, Stability, and Herbicidal Activity of the Herbicide Diuron by Complex Formation with β -Cyclodextrin. <i>Polymers</i> , 2019, 11, 1396.	4.5	34
34	Design, Synthesis, and Herbicidal Activity Evaluation of Novel Aryl-Naphthyl Methanone Derivatives. <i>Frontiers in Chemistry</i> , 2019, 7, 2.	3.6	34
35	Herbicidal Activity and Molecular Docking Study of Novel ACCase Inhibitors. <i>Frontiers in Plant Science</i> , 2018, 9, 1850.	3.6	32
36	Design, Synthesis, and Bioevaluation of Substituted Phenyl Isoxazole Analogues as Herbicide Safeners. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10550-10559.	5.2	32

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37	Electrospun Polymer-Free Nanofibers Incorporating Hydroxypropyl- β -cyclodextrin/Difenoconazole via Supramolecular Assembly for Antifungal Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 5871-5881.	5.2	32
38	Fragment splicing-based design, synthesis and safener activity of novel substituted phenyl oxazole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 570-576.	2.2	31
39	Quantitative Structure Activity Relationship Studies and Molecular Dynamics Simulations of 2-(Aryloxyacetyl)cyclohexane-1,3-Diones Derivatives as 4-Hydroxyphenylpyruvate Dioxygenase Inhibitors. <i>Frontiers in Chemistry</i> , 2019, 7, 556.	3.6	30
40	A new perylene-based fluorescent pH chemosensor for strongly acidic condition. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 216, 359-364.	3.9	29
41	An environmentally safe formulation with enhanced solubility and fungicidal activity: Self-assembly and characterization of Difenconazole- β -CD inclusion complex. <i>Journal of Molecular Liquids</i> , 2021, 327, 114874.	4.9	29
42	A novel colorimetric and "turn-off" fluorescent probe based on catalyzed hydrolysis reaction for detection of Cu ²⁺ in real water and in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117540.	3.9	28
43	Fabrication and characterization of thiophanate methyl/hydroxypropyl- β -cyclodextrin inclusion complex nanofibers by electrospinning. <i>Journal of Molecular Liquids</i> , 2021, 335, 116228.	4.9	28
44	Design, synthesis, and herbicidal activity of pyrazole benzophenone derivatives. <i>RSC Advances</i> , 2017, 7, 46858-46865.	3.6	27
45	A novel luminescent sensor based on Tb@UiO-66 for highly detecting Sm ³⁺ and teflubenzuron. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 126, 173-181.	5.3	26
46	Design, synthesis and biological activity of novel triketone-containing quinoxaline as HPPD inhibitor. <i>Pest Management Science</i> , 2022, 78, 938-946.	3.4	25
47	Antibacterial perillaldehyde/hydroxypropyl- β -cyclodextrin inclusion complex electrospun polymer-free nanofiber: Improved water solubility, thermostability, and antioxidant activity. <i>Industrial Crops and Products</i> , 2022, 176, 114300.	5.2	25
48	A Highly Selective and Sensitive Fluorescent Turn-Off Probe for Cu ²⁺ Based on a Guanidine Derivative. <i>Molecules</i> , 2017, 22, 1741.	3.8	23
49	Identification of novel inhibitors of p-hydroxyphenylpyruvate dioxygenase using receptor-based virtual screening. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 103, 33-43.	5.3	23
50	Quinoxaline derivatives as herbicide safeners by improving Zea mays tolerance. <i>Pesticide Biochemistry and Physiology</i> , 2021, 179, 104958.	3.6	22
51	Fabrication and Characterization of Antifungal Hydroxypropyl- β -Cyclodextrin/Pyrimethanil Inclusion Compound Nanofibers Based on Electrospinning. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7911-7920.	5.2	21
52	Based on the Virtual Screening of Multiple Pharmacophores, Docking and Molecular Dynamics Simulation Approaches toward the Discovery of Novel HPPD Inhibitors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5546.	4.1	20
53	A Switch-On fluorescent probe for detection of mesotrione based on the straightforward cleavage of carbon-nitrogen double bond of Schiff base. <i>Chemical Engineering Journal</i> , 2022, 430, 132758.	12.7	20
54	Synthesis and Fluorescent Property Study of Novel 1,8-Naphthalimide-Based Chemosensors. <i>Molecules</i> , 2018, 23, 376.	3.8	18

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55	Novel phenoxy-(trifluoromethyl)pyridine-2-pyrrolidinone-based inhibitors of protoporphyrinogen oxidase: Design, synthesis, and herbicidal activity. <i>Pesticide Biochemistry and Physiology</i> , 2020, 170, 104684.	3.6	18
56	Design, Synthesis, and Herbicidal Activity of Diphenyl Ether Derivatives Containing a Five-Membered Heterocycle. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 1003-1018.	5.2	18
57	A dual thiourea-appended perylenebisimide fluorescent chemosensor with high selectivity and sensitivity for Hg ²⁺ in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 241, 118678.	3.9	16
58	Combined 3D-quantitative structure-activity relationships and topomer technology-based molecular design of human 4-hydroxyphenylpyruvate dioxygenase inhibitors. <i>Future Medicinal Chemistry</i> , 2020, 12, 795-811.	2.3	16
59	NPA-Cu ²⁺ Complex as a Fluorescent Sensing Platform for the Selective and Sensitive Detection of Glyphosate. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9816.	4.1	16
60	Design, synthesis, and herbicidal activity of novel phenoxypyridine derivatives containing natural product coumarin. <i>Pest Management Science</i> , 2021, 77, 4785-4798.	3.4	15
61	Phenoxypyridine derivatives containing natural product coumarins with allelopathy as novel and promising proporphyrin IX oxidase-inhibiting herbicides: Design, synthesis and biological activity study. <i>Pesticide Biochemistry and Physiology</i> , 2021, 177, 104897.	3.6	14
62	A simple and rapid fluorescent approach for Pb ²⁺ determination and application in water samples and living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 263, 120168.	3.9	14
63	Design, microwave-assisted synthesis, bioactivity and SAR of novel substituted 2-phenyl-2-cyclohexanedione enol ester derivatives. <i>RSC Advances</i> , 2018, 8, 19883-19893.	3.6	13
64	A novel 1,8-naphthalimide derivative as an efficient silver(I) fluorescent sensor. <i>Journal of Luminescence</i> , 2016, 178, 156-162.	3.1	12
65	Functional Supramolecular of Inclusion Complex of Herbicide Fluroxypyr with HP β CD. <i>Polymers</i> , 2018, 10, 1294.	4.5	11
66	Novel Thiazole Phenoxypyridine Derivatives Protect Maize from Residual Pesticide Injury Caused by PPO-Inhibitor Fomesafen. <i>Biomolecules</i> , 2019, 9, 514.	4.0	11
67	Facile One-Pot Method for the Synthesis of Novel N-Dichloroacetyl-1,3-oxazolidines. <i>Synthetic Communications</i> , 2009, 39, 2454-2463.	2.1	10
68	Protective Responses Induced by Chiral 3-Dichloroacetyl Oxazolidine Safeners in Maize (<i>Zea mays</i> L.) and the Detoxification Mechanism. <i>Molecules</i> , 2019, 24, 3060.	3.8	10
69	A naked-eye visible colorimetric and ratiometric chemosensor based on Schiff base for fluoride anion detection. <i>Journal of Molecular Structure</i> , 2021, 1236, 130343.	3.6	10
70	Virtual screening based on pharmacophore model for developing novel HPPD inhibitors. <i>Pesticide Biochemistry and Physiology</i> , 2022, 184, 105109.	3.6	10
71	Alleviation of injury from chlorimuron-ethyl in maize treated with safener 3-dichloroacetyl oxazolidine. <i>Canadian Journal of Plant Science</i> , 2015, 95, 897-903.	0.9	9
72	Solvent-Free Synthesis and Safener Activity of Sulfonylurea Benzothiazolines. <i>Molecules</i> , 2017, 22, 1601.	3.8	9

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73	Synthesis, Crystal Structure and Biological Activity of Novel <i>N</i> -substituted Diazabicyclo Derivatives. Journal of Heterocyclic Chemistry, 2018, 55, 335-341.	2.6	9
74	A Highly Selective Perylenediimide-Based Chemosensor: "Naked-Eye" Colorimetric and Fluorescent Turn-On Recognition for Al ³⁺ . Frontiers in Chemistry, 2020, 8, 702.	3.6	9
75	Synthesis and Safener Activity of Novel Substituted 4-Phenoxyacetyl-1,4-benzoxazines. Heterocycles, 2015, 91, 1256.	0.7	8
76	Design, Synthesis And Biological Activity Of Novel Sulfonylurea Oxazolidines. Heterocycles, 2016, 92, 740.	0.7	8
77	Design, Synthesis and Evaluation of Novel Trichloromethyl Dichlorophenyl Triazole Derivatives as Potential Safener. Biomolecules, 2019, 9, 438.	4.0	8
78	Development and application of fluorescent probes for the selective and sensitive detection of F ⁺ and oxyfluorfen. Inorganica Chimica Acta, 2021, 522, 120362.	2.4	8
79	The safener effect of chiral derivatives of 3-dichloroacetyl oxazolidine against haloxyfop-P-methyl-induced toxicity in maize. Zemdirbyste, 2016, 103, 29-34.	0.8	8
80	A dual-mode colorimetric/fluorescent probe based on perylene: Response to acidic pH values. Journal of the Taiwan Institute of Chemical Engineers, 2021, 129, 97-103.	5.3	8
81	The novel 4-hydroxyphenylpyruvate dioxygenase inhibitors in vivo and in silico approach: 3D-QSAR analysis, molecular docking, bioassay and molecular dynamics. Arabian Journal of Chemistry, 2022, 15, 103919.	4.9	8
82	One-Pot Microwave-Assisted Synthesis of Novel Substituted <i>N</i> -Dichloroacetyl-4,5-dimethyl-1,3-oxazolidines. Journal of Heterocyclic Chemistry, 2012, 49, 1235-1238.	2.6	7
83	Synthesis, crystal structure, and bioactivity of <i>N</i> -dichloroacetyl diazabicyclo compounds. Heterocyclic Communications, 2013, 19, 75-78.	1.2	7
84	Identification of key residues determining the binding specificity of human 4-hydroxyphenylpyruvate dioxygenase. European Journal of Pharmaceutical Sciences, 2020, 154, 105504.	4.0	7
85	Herbicidal activity and molecular docking study of novel PPO inhibitors. Weed Science, 2020, 68, 565-574.	1.5	7
86	New Research for Quinazoline-2,4-diones as HPPD Inhibitors Based on 2D-MLR and 3D-QSAR Models. Combinatorial Chemistry and High Throughput Screening, 2018, 20, 748-759.	1.1	7
87	Discovery of novel phenoxypyridine as promising protoporphyrinogen IX oxidase inhibitors. Pesticide Biochemistry and Physiology, 2022, 184, 105102.	3.6	7
88	Simple and efficient synthesis of novel <i>N</i> -dichloroacetyl-3,4-dihydro-2 <i>H</i> -1,4-benzoxazines. Heterocyclic Communications, 2012, 18, 143-146.	1.2	6
89	One-Pot Synthesis, Crystal structure, and Bioactivity of <i>N</i> -Phenoxyacetyl-2,4-trisubstituted-1,3-oxazolidines. Journal of Heterocyclic Chemistry, 2017, 54, 1660-1664.	2.6	6
90	Computer-Aided and AILDE Approaches to Design Novel 4-Hydroxyphenylpyruvate Dioxygenase Inhibitors. International Journal of Molecular Sciences, 2022, 23, 7822.	4.1	6

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91	A convenient synthesis of novel <i>N</i> -dichloroacetyl-1,3-oxazolidine. Journal of Heterocyclic Chemistry, 2010, 47, 229-232.	2.6	5
92	Design, Synthesis, and Safener Activity of Novel Methyl (R)-N-Benzoyl/Dichloroacetyl-Thiazolidine-4-Carboxylates. Molecules, 2018, 23, 155.	3.8	5
93	Synthesis and Structure of Novel 4-Arylamino-2-phenyl-6-substituted-quinazoline. Journal of Heterocyclic Chemistry, 2012, 49, 1210-1213.	2.6	5
94	Facile Synthesis and Bioactivity of Novel <i>N</i> , <i>N</i> -disubstituted-1,2,3,4-tetrahydroquinoxalines. Journal of Heterocyclic Chemistry, 2017, 54, 3023-3029.	2.6	4
95	Synthesis and Configurational Character Study of Novel Structural Isomers Based on Pyrene-Imidazole. Molecules, 2019, 24, 2293.	3.8	4
96	Design, synthesis, herbicidal activity, and the molecular docking study of novel diphenyl ether derivatives as protoporphyrinogen IX oxidase inhibitors. Journal of Molecular Structure, 2022, 1258, 132670.	3.6	4
97	Discovery of novel HPPD inhibitors based on a combination strategy of pharmacophore, consensus docking and molecular dynamics. Journal of Molecular Liquids, 2022, 362, 119683.	4.9	4
98	Microwave-Assisted Synthesis and Bioactivity of Novel 2,2,4,5-Tetrasubstituted 3-Dichloroacetyl-1,3-oxazolidines. Heterocycles, 2011, 83, 2607.	0.7	3
99	Synthesis and biological activity of some novel N-dichloroacetyl-2,3-dihydrobenzoxazole derivatives. Heterocyclic Communications, 2011, 17, .	1.2	3
100	A Mild and Highly Efficient Synthesis of Chiral <i>N</i> -Dichloroacetyl-4-ethyl-1,3-oxazolidines. Journal of Heterocyclic Chemistry, 2012, 49, 943-946.	2.6	3
101	Design, Synthesis, Safener Activity, and Molecular Docking of Novel <i>N</i> -Substituted Thiazide/Thiazole Derivatives. Journal of Heterocyclic Chemistry, 2019, 56, 180-187.	2.6	3
102	A Multifunctional and Fast-Response Lysosome-Targetable Fluorescent Probe for Monitoring pH and Isoxaflutole. International Journal of Molecular Sciences, 2022, 23, 6256.	4.1	2
103	A convenient one-pot synthesis and bioactivity of <i>N</i> -dichloroacetyl-5-aryl-1,3-oxazolidines. Heterocyclic Communications, 2013, 19, 201-205.	1.2	1
104	Synthesis and Crystal Structure of <i>N</i> -Dichloroacetyl-3,4-dihydro-3-methyl-6-chloro-2- <i>H</i> -1,4-benzoxazine. Journal of Chemistry, 2015, 2015, 1-5.	1.9	1
105	Synthesis and crystal structure of (R)-(-)-N-dichloroacetyl-3-ethyl-1-oxa-4-aza-spiro-4.5-decane. Heterocyclic Communications, 2011, 17, .	1.2	0
106	Crystal structure of (4-ethoxynaphthalen-1-yl)(furan-2-yl)methanone, C ₁₇ H ₁₄ O ₃ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 855-856.	0.3	0
107	Crystal structure of 5,5-dimethyl-3-oxocyclohex-1-en-1-yl 4-(2,2-dichloroacetyl)-3,4-dihydro-2- <i>H</i> -benzo[<i>b</i>][1,4]oxazine-7-carboxylate, C ₁₉ H ₁₉ Cl ₂ NO ₅ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 361-363.	0.3	0