

Wen-Gui Duan

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

686
citations

623734

14
h-index

713466

21
g-index

59
all docs

59
docs citations

59
times ranked

538
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, antifungal activity and 3D-QSAR study of novel acyl thiourea compounds containing gem-dimethylcyclopropane ring. <i>Molecular Diversity</i> , 2022, 26, 125-136.	3.9	8
2	Palladium-catalyzed denitrative <i>N</i> -arylation of nitroarenes with pyrroles, indoles, and carbazoles. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2351-2356.	4.5	6
3	Design, synthesis, and antiproliferative evaluation of novel longifolene-derived tetraline pyrimidine derivatives with fluorescence properties. <i>New Journal of Chemistry</i> , 2022, 46, 8688-8697.	2.8	9
4	Synthesis, Antifungal Activity and 3D-QSAR Study of Novel Anisaldehyde-Derived Amide-Thiourea Compounds. <i>Chemistry and Biodiversity</i> , 2022, 19, .	2.1	4
5	Efficient control of the formation of pillar[5]arene-based supramolecular polymers. <i>Current Chinese Science</i> , 2022, 02, .	0.5	0
6	Synthesis, Antifungal Activity, Three-Dimensional Quantitative Structure-Activity Relationship and Molecular Docking Study of 4-Acyl-3-amino-1,2,4-triazole-thioether Derivatives Containing Natural Pinene Structure. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 871.	1.3	2
7	Synthesis of <i>carene</i> -derived nanocellulose/1,3,4-thiadiazole-amide complexes with antifungal activity for plant protection. <i>Pest Management Science</i> , 2022, 78, 3277-3286.	3.4	8
8	Turpentine-Derived <i>sec</i> - <i>menthane</i> - <i>menthane</i> -amine Derivatives: Synthesis, Herbicidal Activity, and 3D-QSAR Study. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1
9	Effective enantiomeric identification of aromatic amines by tyrosine-modified pillar[5]arenes as chiral NMR solvating agents. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4144-4152.	4.5	9
10	Mussel-Inspired Polydopamine-Enhanced Polyimide for Ultrahigh Toughness and Ultraviolet Shielding Applications. <i>ACS Applied Polymer Materials</i> , 2021, 3, 896-907.	4.4	17
11	Synthesis, Antifungal Activity, and 3D-QSAR Study of Novel Nopol-Derived 1,3,4-Thiadiazole-Thiourea Compounds. <i>Molecules</i> , 2021, 26, 1708.	3.8	14
12	Design, Synthesis, and Antifungal Activity of Novel Longifolene-Derived Diacylhydrazine Compounds. <i>ACS Omega</i> , 2021, 6, 9104-9111.	3.5	17
13	A pH-Responsive Supramolecular Drug Delivery System Constructed by Cationic Pillar[5]arene for Enhancing Antitumor Activity. <i>Frontiers in Chemistry</i> , 2021, 9, 661143.	3.6	8
14	Synthesis, Antifungal Activity and 3D-QSAR Study of Novel (<i>E</i>)-Longifolene-Derived Tetralone Oxime Ethers. <i>ChemistrySelect</i> , 2021, 6, 4515-4520.	1.5	7
15	Synthesis, antifungal activity and 3D-QSAR study of novel nopol-based 1,3,4-thiadiazole-thioether compounds. <i>Research on Chemical Intermediates</i> , 2021, 47, 4029-4049.	2.7	9
16	Synthesis and Biological Activities of Novel (<i>Z</i>)-(<i>E</i>)-Anisaldehyde-Based Oxime Ester Compounds. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100235.	2.1	6
17	Analysis of the Composition and Anti-Rheumatoid Arthritis Mechanism of Qintengtongbi Decoction Based on Network Pharmacology. <i>Natural Product Communications</i> , 2021, 16, 1934578X2110414.	0.5	1
18	Synthesis, 3D-QSAR and Molecular Docking Study of Nopol-Based 1,2,4-Triazole-Thioether Compounds as Potential Antifungal Agents. <i>Frontiers in Chemistry</i> , 2021, 9, 757584.	3.6	13

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19	Synthesis of Myrtenal-Based Nanocellulose/Diacylhydrazine Complexes with Antifungal Activity for Plant Protection. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12956-12965.	5.2	20
20	Synthesis, Antifungal Activity, 3D-QSAR, and Molecular Docking Study of Novel Menthol-Derived 1,2,4-Triazole-thioether Compounds. <i>Molecules</i> , 2021, 26, 6948.	3.8	9
21	Synthesis and Antitumor Evaluation of Menthone-Derived Pyrimidine-Urea Compounds as Potential PI3K/Akt/mTOR Signaling Pathway Inhibitor. <i>Frontiers in Chemistry</i> , 2021, 9, 815531.	3.6	5
22	The synthesis of a DHAD/ZnAlTi-LDH composite with advanced UV blocking and antibacterial activity for skin protection. <i>RSC Advances</i> , 2020, 10, 9786-9790.	3.6	14
23	Synthesis and Antiproliferative Evaluation of Novel Longifolene-Derived Tetralone Derivatives Bearing 1,2,4-Triazole Moiety. <i>Molecules</i> , 2020, 25, 986.	3.8	21
24	Synthesis, Biological Activity and Three-Dimensional Quantitative Structure-Activity Relationship (3D-QSAR) Study of Novel 4-Methyl-1,2,4-triazole-thioethers Containing <i>gem</i> -Dimethylcyclopropane Ring. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 1647.	1.3	16
25	Synthesis and Cytotoxicity Evaluation of Dehydroabietic Acid Derivatives Bearing Nitrate Moiety. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 2845.	1.3	10
26	Recognition Selectivities of Lasso-Type Pseudo[1]rotaxane Based on a Mono-Ester-Functionalized Pillar[5]arene. <i>Molecules</i> , 2019, 24, 2693.	3.8	5
27	Synthesis of Bioactive Compounds from 3-Carene (II): Synthesis, Antifungal Activity and 3D-QSAR Study of (Z)- and (E)-3-Caren-5-One Oxime Sulfonates. <i>Molecules</i> , 2019, 24, 477.	3.8	20
28	High Value-Added Application of Sustainable Natural Forest Product α -Pinene: Synthesis of Myrtenal Oxime Esters as Potential KARI Inhibitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7862-7868.	6.7	37
29	Synthesis and Antiproliferative Evaluation of Novel Hybrids of Dehydroabietic Acid Bearing 1,2,3-Triazole Moiety. <i>Molecules</i> , 2019, 24, 4191.	3.8	15
30	Synthesis and Bioactivity of N-(4-(N^2 -Substituted Sulfamoyl)Phenyl)Myrtenamides Containing a Heterocycle. <i>Chemistry of Natural Compounds</i> , 2018, 54, 56-62.	0.8	8
31	Synthesis of Nitrogen-Rich Polymers by Click Polymerization Reaction and Gas Sorption Property. <i>Molecules</i> , 2018, 23, 1732.	3.8	11
32	Synthesis and Biological Activity of Novel Myrtenal-Derived 2-Acyl-1,2,4-triazole-3-thione Compounds. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 2085.	1.3	15
33	Synthesis and In Vitro Anticancer Activity of Novel Dehydroabietic Acid-Based Acylhydrazones. <i>Molecules</i> , 2017, 22, 1087.	3.8	26
34	Synthesis and Antifungal Activity of Novel 3-Caren-5-One Oxime Esters. <i>Molecules</i> , 2017, 22, 1538.	3.8	9
35	Synthesis and Antifungal Activity of Novel Myrtenal-Based 4-Methyl-1,2,4-triazole-thioethers. <i>Molecules</i> , 2017, 22, 193.	3.8	40
36	Synthesis and Biological Activity of Novel (Z)- and (E)-Verbenone Oxime Esters. <i>Molecules</i> , 2017, 22, 1678.	3.8	19

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37	Synthesis and antifungal activity of dehydroabietic acid-based 1,3,4-thiadiazole-thiazolidinone compounds. <i>Molecular Diversity</i> , 2016, 20, 897-905.	3.9	22
38	Synthesis of Copillar[5]arenes and Their Host-Guest Complexation with Two Types of Guests. <i>Chinese Journal of Chemistry</i> , 2015, 33, 384-388.	4.9	6
39	Crystal Structure and Host-Guest Binding Ability of Three Types of Pillar[5]arenes. <i>Chinese Journal of Chemistry</i> , 2015, 33, 346-350.	4.9	7
40	Synthesis and antifungal activity of dehydroabietic acid-based thiadiazole-phosphonates. <i>Holzforchung</i> , 2015, 69, 1069-1075.	1.9	5
41	Synthesis and Biological Activity of N-Aminoethyl-terpinene-maleimidebased Thiourea Compounds. <i>Letters in Organic Chemistry</i> , 2015, 12, 283-289.	0.5	6
42	Synthesis and biological activities of \pm -pinene-based dithiadiazoles. <i>Holzforchung</i> , 2014, 68, 75-83.	1.9	11
43	Synthesis and antifungal activity of camphoric acid-based acylhydrazone compounds. <i>Holzforchung</i> , 2014, 68, 889-895.	1.9	9
44	Synthesis and biological activities of maleated rosin-based dithiourea compounds. <i>Holzforchung</i> , 2014, 68, 549-554.	1.9	5
45	Synthesis and insecticidal activities of N-(5-dehydroabietyl-1,3,4-thiadiazol-2-yl)-benzenesulfonamides. <i>Medicinal Chemistry Research</i> , 2014, 23, 4420-4426.	2.4	9
46	Synthesis and fungicidal activity of dehydroabietyl-1,2,4-triazolo-thiazolidinones. <i>Holzforchung</i> , 2013, 67, 107-112.	1.9	8
47	Three coordination polymers of 5-aminoisophthalic acid with similar benzimidazole derivative ligands: synthesis, structure and DNA-binding studies. <i>Supramolecular Chemistry</i> , 2012, 24, 810-818.	1.2	11
48	Synthesis, crystal structure and DNA interaction studies of three coordination polymers with mixed ligand. <i>Supramolecular Chemistry</i> , 2012, 24, 707-712.	1.2	2
49	Quantum chemical study on the mechanism of intramolecular cyclization of 2-benzyloxyphenyl trimethylsilyl ketone to give the benzofuran derivatives. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 400-408.	1.9	7
50	Synthesis of cellulose dehydroabietate in ionic liquid [bmim]Br. <i>Carbohydrate Research</i> , 2011, 346, 2024-2027.	2.3	6
51	Mechanism of Gold(I)-Catalyzed Conia-Ene Reaction of α -Ketoesters with Alkynes: A DFT Study. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2320-2326.	4.9	4
52	Synthesis and herbicidal activity of 5-dehydroabietyl-1,3,4-oxadiazole derivatives. <i>Holzforchung</i> , 2011, 65, .	1.9	13
53	Synthesis and Crystal Structure of a Green Photoluminescent 1D Cobalt(II) Coordination Polymer Constructed from 2,2' Bibenzimidazole. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2011, 66, 889-893.	0.7	1
54	Synthesis of dehydroabietic acid-modified chitosan and its drug release behavior. <i>Carbohydrate Research</i> , 2009, 344, 9-13.	2.3	29

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55	Synthesis of Dehydroabietic Acid (2-Acryloyloxy) Ethyl Ester in Ionic Liquids. Synthetic Communications, 2009, 39, 2321-2328.	2.1	7
56	Synthesis of methyl 12-benzoyldehydroabietate in ionic liquid. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2008, 3, 363-369.	0.4	2
57	Preparation and characterization of the graft copolymer of chitosan with poly[rosin-(2-acryloyloxy)ethyl ester]. Carbohydrate Polymers, 2008, 73, 582-586.	10.2	49
58	Condensed tannins from steamed <i>Acacia mearnsii</i> bark. <i>Holzforschung</i> , 2005, 59, 289-294.	1.9	21
59	Synthesis, bioactivity and computational simulation study of novel (Z)-3-carene-5-one oxime ethers as potential antifungal agents. <i>Research on Chemical Intermediates</i> , 0, , 1.	2.7	7