

Yong Deng

List of Publications by Year in descending order

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67
papers

1,612
citations

236912

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h-index

330122

37
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72
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72
docs citations

72
times ranked

1773
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis and evaluation of genistein-O-alkylbenzylamines as potential multifunctional agents for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 314-331.	5.5	93
2	Multifunctional scutellarin-rivastigmine hybrids with cholinergic, antioxidant, biometal chelating and neuroprotective properties for the treatment of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 668-680.	3.0	77
3	Design, synthesis and evaluation of scutellarein-O-alkylamines as multifunctional agents for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2015, 94, 348-366.	5.5	77
4	Multitarget drug design strategy against Alzheimer's disease: Homoisoflavonoid Mannich base derivatives serve as acetylcholinesterase and monoamine oxidase B dual inhibitors with multifunctional properties. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 714-726.	3.0	73
5	Pyridoxine-resveratrol hybrids Mannich base derivatives as novel dual inhibitors of AChE and MAO-B with antioxidant and metal-chelating properties for the treatment of Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2017, 71, 305-314.	4.1	62
6	Aurone Mannich base derivatives as promising multifunctional agents with acetylcholinesterase inhibition, anti- β -amyloid aggregation and neuroprotective properties for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 762-775.	5.5	62
7	Synthesis and evaluation of 4-hydroxyl aurone derivatives as multifunctional agents for the treatment of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2342-2351.	3.0	59
8	Design, synthesis and biological evaluation of 4-aminochalcone-rivastigmine hybrids as multifunctional agents for the treatment of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1030-1041.	3.0	55
9	Highly Efficient Cyanoimidation of Aldehydes. <i>Organic Letters</i> , 2009, 11, 5482-5485.	4.6	54
10	Design, synthesis and evaluation of 4-OH-flurbiprofen-chalcone hybrids as potential multifunctional agents for Alzheimer's disease treatment. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 1102-1115.	3.0	50
11	Design, synthesis and evaluation of chromone-2-carboxamido-alkylbenzylamines as multifunctional agents for the treatment of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 911-923.	3.0	47
12	Flurbiprofen-chalcone hybrid Mannich base derivatives as balanced multifunctional agents against Alzheimer's disease: Design, synthesis and biological evaluation. <i>Bioorganic Chemistry</i> , 2020, 94, 103477.	4.1	44
13	Crystallizable and tough aliphatic thermoplastic poly(ether urethane)s synthesized through a non-isocyanate route. <i>RSC Advances</i> , 2014, 4, 43406-43414.	3.6	42
14	Visible light photoredox catalyzed thiophosphate synthesis using methylene blue as a promoter. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1416-1422.	4.5	42
15	Discovery of novel anti-tuberculosis agents with pyrrolo[1,2-a]quinoxaline-based scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2084-2090.	2.2	37
16	Design, synthesis and evaluation of scutellarein-O-acetamidoalkylbenzylamines as potential multifunctional agents for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 307-323.	5.5	34
17	Design, synthesis and evaluation of chalcone Mannich base derivatives as multifunctional agents for the potential treatment of Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2019, 87, 395-408.	4.1	33
18	Pyridoxine-resveratrol hybrids as novel inhibitors of MAO-B with antioxidant and neuroprotective activities for the treatment of Parkinson's disease. <i>Bioorganic Chemistry</i> , 2020, 97, 103707.	4.1	33

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19	DL -3- n -butylphthalide-Edaravone hybrids as novel dual inhibitors of amyloid- β^2 aggregation and monoamine oxidases with high antioxidant potency for Alzheimer's therapy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 718-722.	2.2	32
20	Repurposed drug candidates for antituberculosis therapy. <i>European Journal of Medicinal Chemistry</i> , 2020, 192, 112175.	5.5	32
21	Synthesis of 2,4-Diaminoquinazolines and Tricyclic Quinazolines by Cascade Reductive Cyclization of Methyl <i>N</i> -Cyano-2-nitrobenzimidates. <i>Journal of Organic Chemistry</i> , 2012, 77, 2649-2658.	3.2	29
22	Pterostilbene-O-acetamidoalkylbenzylamines derivatives as novel dual inhibitors of cholinesterase with anti- β^2 -amyloid aggregation and antioxidant properties for the treatment of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2035-2039.	2.2	28
23	Design, Synthesis, and Biological Evaluation of Scutellarein Carbamate Derivatives as Potential Multifunctional Agents for the Treatment of Alzheimer's Disease. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1168-1177.	3.2	27
24	Design, synthesis and evaluation of flurbiprofen-clioquinol hybrids as multitarget-directed ligands against Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115374.	3.0	27
25	Multifunctional thioxanthone derivatives with acetylcholinesterase, monoamine oxidases and β^2 -amyloid aggregation inhibitory activities as potential agents against Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1997-2009.	3.0	26
26	Synthesis and Biological Evaluation of 2-(3-Fluoro-4-nitro phenoxy)-N-phenylacetamide Derivatives as Novel Potential Affordable Antitubercular Agents. <i>Molecules</i> , 2012, 17, 2248-2258.	3.8	20
27	Design, synthesis and evaluation of novel dimethylamino chalcone-O-alkylamines derivatives as potential multifunctional agents against Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2021, 216, 113310.	5.5	20
28	Preparation and Characterization of a Novel Nonviral Gene Transfer System: Procationic-Liposome-Protamine-DNA Complexes. <i>Drug Delivery</i> , 2007, 14, 177-183.	5.7	19
29	Discovery of 4-OH-flurbiprofen Mannich base derivatives as potential Alzheimer's disease treatment with multiple inhibitory activities. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 991-1001.	3.0	19
30	A facile total synthesis of amorfrutin A. <i>Tetrahedron Letters</i> , 2013, 54, 2658-2660.	1.4	17
31	Therapeutic efficacy of a novel non-peptide $\alpha^2\beta^3$ integrin antagonist for pathological retinal angiogenesis in mice. <i>Experimental Eye Research</i> , 2014, 129, 119-126.	2.6	17
32	Aliphatic thermoplastic poly(ether urethane)s having long PEG sequences synthesized through a non-isocyanate route. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015, 33, 880-889.	3.8	17
33	Novel salicylamide derivatives as potent multifunctional agents for the treatment of Alzheimer's disease: Design, synthesis and biological evaluation. <i>Bioorganic Chemistry</i> , 2019, 84, 137-149.	4.1	17
34	Preparation of α^2 -Sulfonylketone Oximes from Oxidized Hydroxylamine. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2711-2714.	2.4	16
35	Synthesis and biological evaluation of novel naphthalene compounds as potential antidepressant agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 263-273.	5.5	16
36	Multifunctional 5,6-dimethoxybenzo[d]isothiazol-3(2H)-one-N-alkylbenzylamine derivatives with acetylcholinesterase, monoamine oxidases and β^2 -amyloid aggregation inhibitory activities as potential agents against Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 1885-1895.	3.0	16

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37	Design, synthesis and evaluation of pterostilbene β -amino alcohol derivatives as multifunctional agents for Alzheimer's disease treatment. <i>Bioorganic Chemistry</i> , 2018, 78, 298-306.	4.1	16
38	Design, synthesis and evaluation of phthalide alkyl tertiary amine derivatives as promising acetylcholinesterase inhibitors with high potency and selectivity against Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115400.	3.0	16
39	Novel 3-benzylidene/benzylphthalide Mannich base derivatives as potential multifunctional agents for the treatment of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 35, 116074.	3.0	16
40	Discovery of novel bis-oxazolidinone compounds as potential potent and selective antitubercular agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1496-1501.	2.2	15
41	Design, synthesis, and evaluation of chalcone-Vitamin E-donepezil hybrids as multi-target-directed ligands for the treatment of Alzheimer's disease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 69-85.	5.2	15
42	Synthesis of pterostilbene and resveratrol carbamate derivatives as potential dual cholinesterase inhibitors and neuroprotective agents. <i>Research on Chemical Intermediates</i> , 2014, 40, 787-800.	2.7	12
43	Discovery of novel 2,5-dihydroxyterephthalamide derivatives as multifunctional agents for the treatment of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 6115-6127.	3.0	12
44	Synthesis, Characterization, Antibacterial and Antifungal Evaluation of Novel Monosaccharide Esters. <i>Molecules</i> , 2012, 17, 8661-8673.	3.8	11
45	First synthesis and characterization of SRR/RSS-Ezetimibe. <i>Tetrahedron Letters</i> , 2013, 54, 6443-6446.	1.4	11
46	Scaffold Hopping Toward Agomelatine: Novel 3, 4-Dihydroisoquinoline Compounds as Potential Antidepressant Agents. <i>Scientific Reports</i> , 2016, 6, 34711.	3.3	11
47	Improving the pharmacokinetics and tissue distribution of pyrenezolid by self-assembled polymeric micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 149-156.	5.0	11
48	Comparative genomics analysis of <i>Acinetobacter haemolyticus</i> isolates from sputum samples of respiratory patients. <i>Genomics</i> , 2020, 112, 2784-2793.	2.9	11
49	Discovery of novel 3-butyl-6-benzoyloxyphthalide Mannich base derivatives as multifunctional agents against Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 58, 116660.	3.0	10
50	First synthesis and characterization of key stereoisomers related to Ezetimibe. <i>Chinese Chemical Letters</i> , 2014, 25, 1157-1160.	9.0	9
51	Design, synthesis, and in vitro evaluation of 4-aminoalkyl-1(2H)-phthalazinones as potential multifunctional anti-Alzheimer's disease agents. <i>Bioorganic Chemistry</i> , 2021, 111, 104895.	4.1	9
52	Reactions of Disulfides with Silyl Phosphites to Generate Thiophosphates Under Neat Conditions. <i>ChemSusChem</i> , 2018, 11, 1426-1431.	6.8	7
53	Design, synthesis, and antibacterial evaluation of novel derivatives of NPS-2143 for the treatment of methicillin-resistant <i>S. aureus</i> (MRSA) infection. <i>Journal of Antibiotics</i> , 2019, 72, 545-554.	2.0	7
54	Development of novel 2-aminoalkyl-6-(2-hydroxyphenyl)pyridazin-3(2H)-one derivatives as balanced multifunctional agents against Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2022, 230, 114098.	5.5	7

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55	Synthesis and antiangiogenic activities of 5-amino-1,3-dihydro-1,3-dioxo-2H-isoindole-2-propanoic acid derivatives. Chinese Chemical Letters, 2007, 18, 7-9.	9.0	6
56	Synthesis and Biological Evaluation of Genistein Carbamate Derivatives. Chinese Journal of Organic Chemistry, 2013, 33, 621.	1.3	6
57	6-Benzyloxyphthalides as selective and reversible monoamine oxidase B inhibitors with antioxidant and anti-neuroinflammatory activities for Parkinson's disease treatment. Bioorganic Chemistry, 2022, 120, 105623.	4.1	6
58	Characterization of Transferrin-Modified Procationic-Liposome Protamine-DNA Complexes. Yakugaku Zasshi, 2007, 127, 533-539.	0.2	4
59	Synthesis and Properties of Non-isocyanate Crystallizable Aliphatic Thermoplastic Polyurethanes. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 1275-1280.	1.0	3
60	Risk factors for postoperative pneumonia in patients with posterior fossa meningioma after microsurgery. Heliyon, 2020, 6, e03880.	3.2	3
61	Synthesis of 5-Carbonyl-1,3-dihydro-1,3-dioxo-2H-isoindole-2-propanoic Acid Integrin Antagonists. Synthetic Communications, 2003, 33, 2109-2117.	2.1	2
62	Risk factors for the recurrence of world health organization grade II ependymomas of spinal cord in adults after microsurgical resections: A retrospective study of 118 patients in a single center. Clinical Neurology and Neurosurgery, 2020, 195, 105856.	1.4	2
63	2-(3-Hydroxybenzyl)benzo[d]isothiazol-3(2H)-one Mannich base derivatives as potential multifunctional anti-Alzheimer's agents. Medicinal Chemistry Research, 2021, 30, 1249-1264.	2.4	2
64	Phthalimide-N-alkylbenzylamine cysteamide hybrids as multifunctional agents against Alzheimer's disease: Design, synthesis, and biological evaluation. Chemical Biology and Drug Design, 2021, 98, 493-500.	3.2	2
65	An Improved Synthesis of 1,2,6,7-Tetrahydro-8H-indeno[5,4-b]furan-8-one. Chinese Journal of Organic Chemistry, 2012, 32, 2368.	1.3	1
66	Synthesis of 5-Carbonyl-1,3-dihydro-1,3-dioxo-2H-isoindole-2-propanoic Acid Integrin Antagonists.. ChemInform, 2003, 34, no.	0.0	0
67	Synthesis of Major Degradation Products of the Injection of Linezolid. Chinese Journal of Organic Chemistry, 2014, 34, 989.	1.3	0