Yong Deng

List of Publications by Citations

64 papers	1,189 citations	21 h-index	31 g-index
72 ext. papers	1,386 ext. citations	4.1 avg, IF	4.38 L-index

#	Paper	IF	Citations
64	Design, synthesis and evaluation of genistein-O-alkylbenzylamines as potential multifunctional agents for the treatment of Alzheimer's disease. *European Journal of Medicinal Chemistry*, **2014**, 76, 314-31	6.8	81
63	Multifunctional scutellarin-rivastigmine hybrids with cholinergic, antioxidant, biometal chelating and neuroprotective properties for the treatment of Alzheimer's disease. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 668-80	3.4	64
62	Multitarget drug design strategy against Alzheimer's disease: Homoisoflavonoid Mannich base derivatives serve as acetylcholinesterase and monoamine oxidase B dual inhibitors with multifunctional properties. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 714-726	3.4	60
61	Design, synthesis and evaluation of scutellarein-O-alkylamines as multifunctional agents for the treatment of Alzheimer's disease. *European Journal of Medicinal Chemistry*, **2015**, 94, 348-66	6.8	60
60	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. *Bioorganic Chemistry*, **2017**, 71, 305-314	5.1	49
59	Synthesis and evaluation of 4-hydroxyl aurone derivatives as multifunctional agents for the treatment of Alzheimer's disease. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 2342-51	3.4	48
58	Aurone Mannich base derivatives as promising multifunctional agents with acetylcholinesterase inhibition, anti-β-amyloid aggragation and neuroprotective properties for the treatment of Alzheimer's disease. *European Journal of Medicinal Chemistry*, **2017**, 126, 762-775	6.8	46
57	Design, synthesis and biological evaluation of 4'-aminochalcone-rivastigmine hybrids as multifunctional agents for the treatment of Alzheimer's disease. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 1030-1041	3.4	42
56	Highly efficient cyanoimidation of aldehydes. *Organic Letters*, **2009**, 11, 5482-5	6.2	41
55	Crystallizable and tough aliphatic thermoplastic poly(ether urethane)s synthesized through a non-isocyanate route. *RSC Advances*, **2014**, 4, 43406-43414	3.7	36
54	Design, synthesis and evaluation of chromone-2-carboxamido-alkylbenzylamines as multifunctional agents for the treatment of Alzheimer's disease. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 911-23	3.4	36
53	Design, synthesis and evaluation of 4'-OH-flurbiprofen-chalcone hybrids as potential multifunctional agents for Alzheimer's disease treatment. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 1102-1115	3.4	35
52	Visible light photoredox catalyzed thiophosphate synthesis using methylene blue as a promoter. *Organic Chemistry Frontiers*, **2018**, 5, 1416-1422	5.2	28
51	Design, synthesis and evaluation of scutellarein-O-acetamidoalkylbenzylamines as potential multifunctional agents for the treatment of Alzheimer's disease. *European Journal of Medicinal Chemistry*, **2017**, 135, 307-323	6.8	27
50	Design, synthesis and evaluation of chalcone Mannich base derivatives as multifunctional agents for the potential treatment of Alzheimer's disease. *Bioorganic Chemistry*, **2019**, 87, 395-408	5.1	27
49	Flurbiprofen-chalcone hybrid Mannich base derivatives as balanced multifunctional agents against Alzheimer's disease: Design, synthesis and biological evaluation. *Bioorganic Chemistry*, **2020**, 94, 103477	5.1	27
48	DL-3-n-butylphthalide-Edaravone hybrids as novel dual inhibitors of amyloid-β aggregation and monoamine oxidases with high antioxidant potency for Alzheimer's therapy. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 718-722	2.9	26

47	Pterostilbene-O-acetamidoalkylbenzylamines derivatives as novel dual inhibitors of cholinesterase with anti-β-amyloid aggregation and antioxidant properties for the treatment of Alzheimer's disease. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 2035-9	2.9	26
46	Discovery of novel anti-tuberculosis agents with pyrrolo[1,2-a]quinoxaline-based scaffold. *Bioorganic and Medicinal Chemistry Letters*, **2018**, 28, 2084-2090	2.9	25
45	Synthesis of 2,4-diaminoquinazolines and tricyclic quinazolines by cascade reductive cyclization of methyl N-cyano-2-nitrobenzimidates. *Journal of Organic Chemistry*, **2012**, 77, 2649-58	4.2	25
44	Multifunctional thioxanthone derivatives with acetylcholinesterase, monoamine oxidases and β-amyloid aggregation inhibitory activities as potential agents against Alzheimer's disease. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 1997-2009	3.4	22
43	Design, synthesis and evaluation of flurbiprofen-clioquinol hybrids as multitarget-directed ligands against Alzheimer's disease. *Bioorganic and Medicinal Chemistry*, **2020**, 28, 115374	3.4	21
42	Design, synthesis, and biological evaluation of scutellarein carbamate derivatives as potential multifunctional agents for the treatment of Alzheimer's disease. *Chemical Biology and Drug Design*, **2015**, 86, 1168-77	2.9	19
41	Preparation and characterization of a novel nonviral gene transfer system: procationic-liposome-protamine-DNA complexes. *Drug Delivery*, **2007**, 14, 177-83	7	18
40	Aliphatic thermoplastic poly(ether urethane)s having long PEG sequences synthesized through a non-isocyanate route. *Chinese Journal of Polymer Science (English Edition)*, **2015**, 33, 880-889	3.5	16
39	A facile total synthesis of amorfrutin A. *Tetrahedron Letters*, **2013**, 54, 2658-2660	2	16
38	Discovery of 4'-OH-flurbiprofen Mannich base derivatives as potential Alzheimer's disease treatment with multiple inhibitory activities. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 991-1001	3.4	16
37	Pyridoxine-resveratrol hybrids as novel inhibitors of MAO-B with antioxidant and neuroprotective activities for the treatment of Parkinson's disease. *Bioorganic Chemistry*, **2020**, 97, 103707	5.1	15
36	Therapeutic efficacy of a novel non-peptide β3 integrin antagonist for pathological retinal angiogenesis in mice. *Experimental Eye Research*, **2014**, 129, 119-26	3.7	15
35	Repurposed drug candidates for antituberculosis therapy. *European Journal of Medicinal Chemistry*, **2020**, 192, 112175	6.8	13
34	Synthesis and biological evaluation of novel naphthalene compounds as potential antidepressant agents. *European Journal of Medicinal Chemistry*, **2014**, 82, 263-73	6.8	13
33	Synthesis and biological evaluation of 2-(3-fluoro-4-nitro phenoxy)-n-phenylacetamide derivatives as novel potential affordable antitubercular agents. *Molecules*, **2012**, 17, 2248-58	4.8	13
32	Design, synthesis and evaluation of phthalide alkyl tertiary amine derivatives as promising acetylcholinesterase inhibitors with high potency and selectivity against Alzheimer's disease. *Bioorganic and Medicinal Chemistry*, **2020**, 28, 115400	3.4	12
31	Multifunctional 5,6-dimethoxybenzo[d]isothiazol-3(2H)-one-N-alkylbenzylamine derivatives with acetylcholinesterase, monoamine oxidases and β-amyloid aggregation inhibitory activities as potential agents against Alzheimer's disease. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 1885-1895	3.4	12
30	Preparation of β-Sulfonylethanone Oximes from Oxidized Hydroxylamine. *European Journal of Organic Chemistry*, **2012**, 2012, 2711-2714	3.2	12

29	Synthesis of pterostilbene and resveratrol carbamate derivatives as potential dual cholinesterase inhibitors and neuroprotective agents. *Research on Chemical Intermediates*, **2014**, 40, 787-800	2.8	11
28	Design, synthesis and evaluation of pterostilbene □amino alcohol derivatives as multifunctional agents for Alzheimer's disease treatment. *Bioorganic Chemistry*, **2018**, 78, 298-306	5.1	10
27	Scaffold Hopping Toward Agomelatine: Novel 3, 4-Dihydroisoquinoline Compounds as Potential Antidepressant Agents. *Scientific Reports*, **2016**, 6, 34711	4.9	10
26	Novel salicylamide derivatives as potent multifunctional agents for the treatment of Alzheimer's disease: Design, synthesis and biological evaluation. *Bioorganic Chemistry*, **2019**, 84, 137-149	5.1	10
25	First synthesis and characterization of SRR/RSS-Ezetimibe. *Tetrahedron Letters*, **2013**, 54, 6443-6446	2	9
24	Discovery of novel bis-oxazolidinone compounds as potential potent and selective antitubercular agents. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 1496-501	2.9	9
23	Synthesis, characterization, antibacterial and antifungal evaluation of novel monosaccharide esters. *Molecules*, **2012**, 17, 8661-73	4.8	9
22	Discovery of novel 2,5-dihydroxyterephthalamide derivatives as multifunctional agents for the treatment of Alzheimer's disease. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 6115-6127	3.4	9
21	First synthesis and characterization of key stereoisomers related to Ezetimibe. *Chinese Chemical Letters*, **2014**, 25, 1157-1160	8.1	8
20	Novel 3-benzylidene/benzylphthalide Mannich base derivatives as potential multifunctional agents for the treatment of Alzheimer's disease. *Bioorganic and Medicinal Chemistry*, **2021**, 35, 116074	3.4	7
19	Design, synthesis and evaluation of novel dimethylamino chalcone-O-alkylamines derivatives as potential multifunctional agents against Alzheimer's disease. *European Journal of Medicinal Chemistry*, **2021**, 216, 113310	6.8	7
18	Improving the pharmacokinetics and tissue distribution of pyrinezolid by self-assembled polymeric micelles. *Colloids and Surfaces B: Biointerfaces*, **2017**, 156, 149-156	6	5
17	Design, synthesis, and antibacterial evaluation of novel derivatives of NPS-2143 for the treatment of methicillin-resistant S. aureus (MRSA) infection. *Journal of Antibiotics*, **2019**, 72, 545-554	3.7	5
16	Comparative genomics analysis of Acinetobacter haemolyticus isolates from sputum samples of respiratory patients. *Genomics*, **2020**, 112, 2784-2793	4.3	5
15	Reactions of Disulfides with Silyl Phosphites to Generate Thiophosphates Under Neat Conditions. *ChemSusChem*, **2018**, 11, 1426-1431	8.3	5
14	Synthesis and Biological Evaluation of Genistein Carbamate Derivatives. *Chinese Journal of Organic Chemistry*, **2013**, 33, 621	3	5
13	Characterization of transferrin-modified procationic-liposome protamine-DNA complexes. *Yakugaku Zasshi*, **2007**, 127, 533-9	0	4
12	Design, synthesis, and evaluation of chalcone-Vitamin E-donepezil hybrids as multi-target-directed ligands for the treatment of Alzheimer's disease.. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2022**, 37, 69-85	5.6	4

List of Publications

11	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	8.1	3
10	Design, synthesis, and in vitro evaluation of 4-aminoalkyl-1(2H)-phthalazinones as potential multifunctional anti-Alzheimer's disease agents. *Bioorganic Chemistry*, **2021**, 111, 104895	5.1	3
9	Synthesis and Properties of Non-isocyanate Crystallizable Aliphatic Thermoplastic Polyurethanes. *Journal Wuhan University of Technology, Materials Science Edition*, **2018**, 33, 1275-1280	1	3
8	Risk factors for postoperative pneumonia in patients with posterior fossa meningioma after microsurgery. *Heliyon*, **2020**, 6, e03880	3.6	1
7	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	2	1
6	Synthesis of 5-Carbonyl-1,3-dihydro- 1,3-dioxo-2H-isoindole-2-propanoic Acid Integrin Antagonists. *Synthetic Communications*, **2003**, 33, 2109-2117	1.7	1
5	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	5.1	1
4	2-(3-Hydroxybenzyl)benzo[d]isothiazol-3(2H)-one Mannich base derivatives as potential multifunctional anti-Alzheimer agents. *Medicinal Chemistry Research*, **2021**, 30, 1249-1264	2.2	1
3	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	2.9	1
2	Discovery of novel 3-butyl-6-benzyloxyphthalide Mannich base derivatives as multifunctional agents against Alzheimer's disease.. *Bioorganic and Medicinal Chemistry*, **2022**, 58, 116660	3.4	0
1	Development of novel 2-aminoalkyl-6-(2-hydroxyphenyl)pyridazin-3(2H)-one derivatives as balanced multifunctional agents against Alzheimer's disease.. *European Journal of Medicinal Chemistry*, **2022**, 230, 114098	6.8	0