

Irene Bolea

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,080
citations

623188

14
h-index

752256

20
g-index

23
all docs

23
docs citations

23
times ranked

1777
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, Biological Evaluation, and Molecular Modeling of Donepezil and <i>N</i> -[(5-(Benzyloxy)-1-methyl-1 <i>H</i> -indol-2-yl)methyl]- <i>N</i> -methylprop-2-yn-1-amine Hybrids as New Multipotent Cholinesterase/Monoamine Oxidase Inhibitors for the Treatment of Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8251-8270.	2.9	198
2	Propargylamine-derived multitarget-directed ligands: fighting Alzheimer's disease with monoamine oxidase inhibitors. <i>Journal of Neural Transmission</i> , 2013, 120, 893-902.	1.4	133
3	Multi-Target Directed Donepezil-Like Ligands for Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 205.	1.4	111
4	Design, synthesis, pharmacological evaluation, QSAR analysis, molecular modeling and ADMET of novel donepezil-indolyl hybrids as multipotent cholinesterase/monoamine oxidase inhibitors for the potential treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 82-95.	2.6	109
5	A Diet Enriched in Polyphenols and Polyunsaturated Fatty Acids, LMN Diet, Induces Neurogenesis in the Subventricular Zone and Hippocampus of Adult Mouse Brain. <i>Journal of Alzheimer's Disease</i> , 2009, 18, 849-865.	1.2	79
6	Multipotent MAO and cholinesterase inhibitors for the treatment of Alzheimer's disease: Synthesis, pharmacological analysis and molecular modeling of heterocyclic substituted alkyl and cycloalkyl propargyl amine. <i>European Journal of Medicinal Chemistry</i> , 2012, 52, 251-262.	2.6	62
7	Synthesis, biological assessment and molecular modeling of new multipotent MAO and cholinesterase inhibitors as potential drugs for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4665-4668.	2.6	60
8	ASS234, As a New Multi-Target Directed Propargylamine for Alzheimer's Disease Therapy. <i>Frontiers in Neuroscience</i> , 2016, 10, 294.	1.4	58
9	LMN diet, rich in polyphenols and polyunsaturated fatty acids, improves mouse cognitive decline associated with aging and Alzheimer's disease. <i>Behavioural Brain Research</i> , 2012, 228, 261-271.	1.2	54
10	Monoaminergic and Histaminergic Strategies and Treatments in Brain Diseases. <i>Frontiers in Neuroscience</i> , 2016, 10, 541.	1.4	46
11	Multipotent, Permeable Drug ASS234 Inhibits A β Aggregation, Possesses Antioxidant Properties and Protects from A β -induced Apoptosis In Vitro. <i>Current Alzheimer Research</i> , 2013, 10, 797-808.	0.7	45
12	Defined neuronal populations drive fatal phenotype in a mouse model of Leigh syndrome. <i>ELife</i> , 2019, 8,	2.8	36
13	Catecholaminergic and cholinergic systems of mouse brain are modulated by LMN diet, rich in theobromine, polyphenols and polyunsaturated fatty acids. <i>Food and Function</i> , 2015, 6, 1251-1260.	2.1	19
14	Loss of Mitochondrial Ndufs4 in Striatal Medium Spiny Neurons Mediates Progressive Motor Impairment in a Mouse Model of Leigh Syndrome. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 265.	1.4	18
15	Imaging of Mitochondrial Dynamics in Motor and Sensory Axons of Living Mice. <i>Methods in Enzymology</i> , 2014, 547, 97-110.	0.4	12
16	Neuroprotective Effects of the MAO-B Inhibitor, PF9601 <i>N</i> , in an <i>In Vivo</i> Model of Excitotoxicity. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 641-650.	1.9	11
17	A therapeutic approach to cerebrovascular diseases based on indole substituted hydrazides and hydrazines able to interact with human vascular adhesion protein-1, monoamine oxidases (A and B), AChE and BuChE. <i>Journal of Neural Transmission</i> , 2013, 120, 911-918.	1.4	10
18	Synthesis, biological evaluation, and molecular modeling of nitrile-containing compounds: Exploring multiple activities as anti-Alzheimer agents. <i>Drug Development Research</i> , 2020, 81, 215-231.	1.4	8

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19	Sodium Bicarbonate Enhances Membrane-bound and Soluble Human Semicarbazide-sensitive Amine Oxidase Activity In Vitro. <i>Journal of Biochemistry</i> , 2007, 142, 571-576.	0.9	5
20	A comparison between radiometric and fluorimetric methods for measuring SSAO activity. <i>Journal of Neural Transmission</i> , 2013, 120, 1015-1018.	1.4	5
21	The Antioxidant Effect of LMN Diet, Rich in Polyphenols and Polyunsaturated Fatty Acids, in Alzheimer's Disease. , 2015, , 847-857.		1