Dolores Via

List of Publications by Year in Descending Order

72 papers	2,011 citations	26 h-index	43 g-index
85 ext. papers	2,294 ext. citations	3.9 avg, IF	4.61 L-index

#	Paper	IF	Citations
72	Heterocycle-containing tranylcypromine derivatives endowed with high anti-LSD1 activity.. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2022**, 37, 973-985	5.6	0
71	Combined 3D-QSAR and docking analysis for the design and synthesis of chalcones as potent and selective monoamine oxidase B inhibitors. *Bioorganic Chemistry*, **2021**, 108, 104689	5.1	10
70	7-Amidocoumarins as Multitarget Agents against Neurodegenerative Diseases: Substitution Pattern Modulation. *ChemMedChem*, **2021**, 16, 179-186	3.7	7
69	Synthesis, Pharmacological, and Biological Evaluation of 2-Furoyl-Based MIF-1 Peptidomimetics and the Development of a General-Purpose Model for Allosteric Modulators (ALLOPTML). *ACS Chemical Neuroscience*, **2021**, 12, 203-215	5.7	3
68	Synthesis and in vitro study of nitro- and methoxy-2-phenylbenzofurans as human monoamine oxidase inhibitors. *Bioorganic Chemistry*, **2021**, 107, 104616	5.1	3
67	cAMP Compartmentalization in Cerebrovascular Endothelial Cells: New Therapeutic Opportunities in Alzheimer's Disease. *Cells*, **2021**, 10,	7.9	3
66	Gamma-decanolactone: Preliminary evaluation as potential antiparkinsonian drug. *European Journal of Pharmacology*, **2021**, 906, 174276	5.3	0
65	Pyridazinones containing dithiocarbamoyl moieties as a new class of selective MAO-B inhibitors. *Bioorganic Chemistry*, **2021**, 115, 105203	5.1	1
64	3-Arylcoumarins as highly potent and selective monoamine oxidase B inhibitors: Which chemical features matter?. *Bioorganic Chemistry*, **2020**, 101, 103964	5.1	10
63	Discovery and optimization of 3-thiophenylcoumarins as novel agents against Parkinson's disease: Synthesis, in vitro and in vivo studies. *Bioorganic Chemistry*, **2020**, 101, 103986	5.1	8
62	Coumarin-Rasagiline Hybrids as Potent and Selective hMAO-B Inhibitors, Antioxidants, and Neuroprotective Agents. *ChemMedChem*, **2020**, 15, 532-538	3.7	10
61	Novel coumarin-pyridazine hybrids as selective MAO-B inhibitors for the Parkinson's disease therapy. *Bioorganic Chemistry*, **2020**, 104, 104203	5.1	10
60	New flavonoid - ,-dibenzyl(-methyl)amine hybrids: Multi-target-directed agents for Alzheimer's disease endowed with neurogenic properties. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2019**, 34, 712-727	5.6	18
59	Design, Synthesis and Docking Calculations of Prenylated Chalcones as Selective Monoamine Oxidase B Inhibitors with Antioxidant Activity. *ChemistrySelect*, **2019**, 4, 7698-7703	1.8	5
58	Novel 2-pheynlbenzofuran derivatives as selective butyrylcholinesterase inhibitors for Alzheimer's disease. *Scientific Reports*, **2018**, 8, 4424	4.9	51
57	Neurogenic and neuroprotective donepezil-flavonoid hybrids with sigma-1 affinity and inhibition of key enzymes in Alzheimer's disease. *European Journal of Medicinal Chemistry*, **2018**, 156, 534-553	6.8	26
56	Synthesis and vasorelaxant and antiplatelet activities of a new series of (4-Benzylphthalazin-1-ylamino)alcohol derivatives. *Medicinal Chemistry Research*, **2017**, 26, 1682-1688	2.2	2

55	MAO inhibitory activity of bromo-2-phenylbenzofurans: synthesis, study, and docking calculations. *MedChemComm*, **2017**, 8, 1788-1796	5	12
54	Synthesis and structure-activity relationship study of novel 3-heteroarylcoumarins based on pyridazine scaffold as selective MAO-B inhibitors. *European Journal of Medicinal Chemistry*, **2017**, 139, 1-11	6.8	32
53	Computational Drug Target Screening through Protein Interaction Profiles. *Scientific Reports*, **2016**, 6, 36969	4.9	7
52	New cinnamic - N-benzylpiperidine and cinnamic - N,N-dibenzyl(N-methyl)amine hybrids as Alzheimer-directed multitarget drugs with antioxidant, cholinergic, neuroprotective and neurogenic properties. *European Journal of Medicinal Chemistry*, **2016**, 121, 376-386	6.8	37
51	Activation of PKA and Epac proteins by cyclic AMP depletes intracellular calcium stores and reduces calcium availability for vasoconstriction. *Life Sciences*, **2016**, 155, 102-9	6.8	16
50	Synthesis, biological evaluation and molecular modeling studies of phthalazin-1(2H)-one derivatives as novel cholinesterase inhibitors. *RSC Advances*, **2016**, 6, 46170-46185	3.7	15
49	Potent and selective MAO-B inhibitory activity: amino- versus nitro-3-arylcoumarin derivatives. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 642-8	2.9	21
48	3-Amidocoumarins as Potential Multifunctional Agents against Neurodegenerative Diseases. *ChemMedChem*, **2015**, 10, 2071-9	3.7	14
47	Insight into the functional and structural properties of 3-arylcoumarin as an interesting scaffold in monoamine oxidase B inhibition. *ChemMedChem*, **2014**, 9, 1488-500	3.7	29
46	Monoamine oxidase (MAO) inhibitory activity: 3-phenylcoumarins versus 4-hydroxy-3-phenylcoumarins. *ChemMedChem*, **2014**, 9, 1672-6	3.7	10
45	The neuroprotection exerted by memantine, minocycline and lithium, against neurotoxicity of CSF from patients with amyotrophic lateral sclerosis, is antagonized by riluzole. *Neurodegenerative Diseases*, **2014**, 13, 171-9	2.3	21
44	Synthesis, pharmacological study and docking calculations of new benzo[f]coumarin derivatives as dual inhibitors of enzymatic systems involved in neurodegenerative diseases. *Future Medicinal Chemistry*, **2014**, 6, 371-83	4.1	23
43	Synthesis, biological evaluation and structure-activity relationships of new phthalazinedione derivatives with vasorelaxant activity. *European Journal of Medicinal Chemistry*, **2014**, 82, 407-17	6.8	10
42	Combining QSAR classification models for predictive modeling of human monoamine oxidase inhibitors. *European Journal of Medicinal Chemistry*, **2013**, 59, 75-90	6.8	39
41	MAO inhibitory activity of 2-arylbenzofurans versus 3-arylcoumarins: synthesis, in vitro study, and docking calculations. *ChemMedChem*, **2013**, 8, 956-66	3.7	23
40	A Novel Series of 3,4-Disubstituted Dihydropyrazoles: Synthesis and Evaluation for MAO Enzyme Inhibition. *Journal of Heterocyclic Chemistry*, **2013**, 50, E87-E92	1.9	5
39	Novel (coumarin-3-yl)carbamates as selective MAO-B inhibitors: synthesis, in vitro and in vivo assays, theoretical evaluation of ADME properties and docking study. *European Journal of Medicinal Chemistry*, **2013**, 63, 151-61	6.8	37
38	Focusing on New Monoamine Oxidase Inhibitors: Differently Substituted Coumarins As An Interesting Scaffold. *Current Topics in Medicinal Chemistry*, **2013**, 12, 2210-2239	3	3

37	Dual inhibitors of monoamine oxidase and cholinesterase for the treatment of Alzheimer disease. *Current Topics in Medicinal Chemistry*, **2013**, 13, 1692-706	3	34
36	Hydroxycoumarins as selective MAO-B inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 258-61	2.9	39
35	3-Substituted coumarins as dual inhibitors of AChE and MAO for the treatment of Alzheimer's disease. *MedChemComm*, **2012**, 3, 213-218	5	73
34	8-Substituted 3-arylcoumarins as potent and selective MAO-B inhibitors: synthesis, pharmacological evaluation, and docking studies. *ChemMedChem*, **2012**, 7, 464-70	3.7	44
33	Herbal natural products as a source of monoamine oxidase inhibitors: a review. *Current Topics in Medicinal Chemistry*, **2012**, 12, 2131-44	3	41
32	Focusing on new monoamine oxidase inhibitors: differently substituted coumarins as an interesting scaffold. *Current Topics in Medicinal Chemistry*, **2012**, 12, 2210-39	3	58
31	Chromone, a privileged scaffold for the development of monoamine oxidase inhibitors. *Journal of Medicinal Chemistry*, **2011**, 54, 5165-73	8.3	124
30	NEW BUTYROLACTONE FROM A MARINE-DERIVED FUNGUS ASPERGILLUS SP. *Journal of the Chilean Chemical Society*, **2011**, 56, 625-627	2.5	22
29	Synthesis and study of a series of 3-arylcoumarins as potent and selective monoamine oxidase B inhibitors. *Journal of Medicinal Chemistry*, **2011**, 54, 7127-37	8.3	119
28	Chromone 3-phenylcarboxamides as potent and selective MAO-B inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 707-9	2.9	68
27	MAO inhibitory activity modulation: 3-Phenylcoumarins versus 3-benzoylcoumarins. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 4224-7	2.9	46
26	Synthesis, human monoamine oxidase inhibitory activity and molecular docking studies of 3-heteroarylcoumarin derivatives. *European Journal of Medicinal Chemistry*, **2011**, 46, 1147-52	6.8	50
25	Antidepressant-like profile and MAO-A inhibitory activity of 4-propyl-2H-benzo[h]-chromen-2-one. *Life Sciences*, **2010**, 86, 819-24	6.8	17
24	Synthesis and vasorelaxant and platelet antiaggregatory activities of a new series of 6-halo-3-phenylcoumarins. *Molecules*, **2010**, 15, 270-9	4.8	55
23	Synthesis of Carbocyclic Pyrimidine Nucleosides Using the Mitsunobu Reaction: O2- vs. N1-Alkylation. *Helvetica Chimica Acta*, **2010**, 93, 309-313	2	8
22	New halogenated 3-phenylcoumarins as potent and selective MAO-B inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2010**, 20, 5157-60	2.9	73
21	Synthesis of Regioisomeric Functionalized Benzodifurans and Angelicins. *Helvetica Chimica Acta*, **2009**, 92, 1309-1314	2	2
20	Pyrazolo[3,4,5-de]phthalazine. Syntheses of a practically unknown heterocyclic system. *Tetrahedron* , **2009**, 65, 1574-1580	2.4	16

19	A new series of 3-phenylcoumarins as potent and selective MAO-B inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 3268-70	2.9	108
18	Synthesis and evaluation of 6-methyl-3-phenylcoumarins as potent and selective MAO-B inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 5053-5	2.9	86
17	Alignment-free prediction of a drug-target complex network based on parameters of drug connectivity and protein sequence of receptors. *Molecular Pharmaceutics*, **2009**, 6, 825-35	5.6	59
16	Quantitative structure-activity relationship and complex network approach to monoamine oxidase A and B inhibitors. *Journal of Medicinal Chemistry*, **2008**, 51, 6740-51	8.3	90
15	Synthesis and complete assignment of the 1H and 13C NMR signals of some oxopyrancoumarin and oxofuropyrancoumarin derivatives. *Magnetic Resonance in Chemistry*, **2008**, 46, 701-5	2.1	2
14	Assignment of the 1H and 13C NMR signals of some hydroxyphenylcoumarins. *Magnetic Resonance in Chemistry*, **2007**, 45, 99-101	2.1	3
13	Synthesis of 3?-O-phosphonomethyl nucleosides with an adenine base moiety. *Tetrahedron*, **2007**, 63, 2634-2646	2.4	32
12	Regioselective synthesis of 1-alkyl- or 1-aryl-1H-indazoles via copper-catalyzed cyclizations of 2-haloarylcarbonylic compounds. *Organic Letters*, **2007**, 9, 525-8	6.2	94
11	Synthesis of 1,2-Disubstituted Carbocyclic Nucleoside Analogues of Cytidine. *Helvetica Chimica Acta* , **2006**, 89, 954-961	2	
10	Stochastic entropy QSAR for the in silico discovery of anticancer compounds: prediction, synthesis, and in vitro assay of new purine carbanucleosides. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 1095-107	3.4	21
9	Regioselective synthesis of O2- and O6-cyclopyrimidine nucleoside analogues. *Tetrahedron*, **2006**, 62, 9949-9952	2.4	8
8	1,2-Disubstituted cyclohexane nucleosides: comparative study for the synthesis of cis and trans adenosine analogues. *Tetrahedron*, **2005**, 61, 473-478	2.4	18
7	QSAR for anti-RNA-virus activity, synthesis, and assay of anti-RSV carbonucleosides given a unified representation of spectral moments, quadratic, and topologic indices. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 1651-7	2.9	34
6	Synthesis of 1-[2-(Hydroxymethyl)cyclohexyl]pyrimidine Analogues of Nucleosides: A Comparative Study. *Synthesis*, **2004**, 2004, 2517-2522	2.9	9
5	Stereocontrolled synthesis of ara-type cyclohexenyl nucleosides. *Journal of Organic Chemistry*, **2003**, 68, 4499-505	4.2	13
4	Purine derivatives of 1,2-disubstituted cyclohexane analogues of nucleosides. *Nucleosides, Nucleotides and Nucleic Acids*, **2003**, 22, 787-9	1.4	3
3	Synthesis of 1,2-Disubstituted Carbocyclic Analogs of Pyrimidine and Purine Nucleosides. *Synthesis*, **2001**, 2001, 1532	2.9	7
2	1,2-disubstituted cyclohexane carbocyclic analogues of nucleosides. *Nucleosides, Nucleotides and Nucleic Acids*, **2001**, 20, 1363-5	1.4	9

1 8-Propyl-6H-[1,3]dioxolo[4,5-g]chromen-6-one: A new coumarin with monoamine oxidase B inhibitory activity and possible anti-parkinsonian effects. *Brazilian Journal of Pharmaceutical Sciences*,56, 1.8 2