Saverio Cellamare

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8983824/publications.pdf

Version: 2024-02-01

79	2,035	230014	312153
papers	citations	27 h-index	41 g-index

81	81	81	2826
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phyllostachys Pubescens: From Traditional to Functional Food. Food Reviews International, 2023, 39, 1250-1274.	4.3	3
2	Enantiomeric Separation and Molecular Modelling of Bioactive 4-Aryl-3,4-dihydropyrimidin-2(1H)-one Ester Derivatives on Teicoplanin-Based Chiral Stationary Phase. Separations, 2022, 9, 7.	1.1	3
3	Nose-to-brain delivery: A comparative study between carboxymethyl chitosan based conjugates of dopamine. International Journal of Pharmaceutics, 2021, 599, 120453.	2.6	12
4	Synthesis and Biological Evaluation of Dantroleneâ€Like Hydrazide and Hydrazone Analogues as Multitarget Agents for Neurodegenerative Diseases. ChemMedChem, 2021, 16, 2807-2816.	1.6	8
5	Scouting around 1,2,3,4â€Tetrahydrochromeno[3,2â€c]pyridinâ€10â€ones for Singleâ€and Multitarget Ligands Directed towards Relevant Alzheimer's Targets. ChemMedChem, 2020, 15, 1947-1955.	1.6	8
6	Novel Antiproliferative Biphenyl Nicotinamide: NMR Metabolomic Study of its Effect on the MCF-7 Cell in Comparison with Cisplatin and Vinblastine. Molecules, 2020, 25, 3502.	1.7	9
7	Hydroxy-Propil-Î²-Cyclodextrin Inclusion Complexes of two Biphenylnicotinamide Derivatives: Formulation and Anti-Proliferative Activity Evaluation in Pancreatic Cancer Cell Models. International Journal of Molecular Sciences, 2020, 21, 6545.	1.8	4
8	Pharmacophore Modeling and 3D-QSAR Study of Indole and Isatin Derivatives as Antiamyloidogenic Agents Targeting Alzheimerâ€™s Disease. Molecules, 2020, 25, 5773.	1.7	9
9	Bridging repair of the abdominal wall in a rat experimental model. Comparison between uncoated and polyethylene oxide-coated equine pericardium meshes. Scientific Reports, 2020, 10, 6959.	1.6	2
10	Repositioning of Dantrolene as a Multitarget Agent for Neurodegenerative Diseases. Proceedings (mdpi), 2019, 22, 7.	0.2	0
11	3-benzazecine-based cyclic allene derivatives as highly potent P-glycoprotein inhibitors overcoming doxorubicin multidrug resistance. Future Medicinal Chemistry, 2019, 11, 2095-2106.	1.1	8
12	A Prospective Repurposing of Dantrolene as a Multitarget Agent for Alzheimerâ€™s Disease. Molecules, 2019, 24, 4298.	1.7	20
13	Synthesis and biological evaluation of N-biphenyl-nicotinic based moiety compounds: A new class of antimitotic agents for the treatment of Hodgkin Lymphoma. Cancer Letters, 2019, 445, 1-10.	3.2	7
14	1,2,3,4-Tetrahydroisoquinoline/2H-chromen-2-one conjugates as nanomolar P-glycoprotein inhibitors: Molecular determinants for affinity and selectivity over multidrug resistance associated protein 1. European Journal of Medicinal Chemistry, 2019, 161, 433-444.	2.6	13
15	Investigating alkyl nitrates as nitric oxide releasing precursors of multitarget acetylcholinesterase-monoamine oxidase B inhibitors. European Journal of Medicinal Chemistry, 2019, 161, 292-309.	2.6	41
16	Structureâ€“property relationship study of the HPLC enantioselective retention of neuroprotective 7â€[(1â€alkylpiperidinâ€3â€yl)methoxy]coumarin derivatives on an amyloseâ€based chiral stationary phase. Journal of Separation Science, 2018, 41, 1376-1384.	1.3	26
17	A New Class of 1â€Arylâ€5,6â€dihydropyrrolo[2,1â€a]isoquinoline Derivatives as Reversers of Pâ€Glycoproteinâ€Mediated Multidrug Resistance in Tumor Cells. ChemMedChem, 2018, 13, 1588-1596.	1.6	19
18	Protection of dopamine towards autoxidation reaction by encapsulation into non-coated- or chitosan- or thiolated chitosan-coated-liposomes. Colloids and Surfaces B: Biointerfaces, 2018, 170, 11-19.	2.5	27

#	Article	IF	Citations
19	Insights into Structure-Activity Relationships of 3-Arylhydrazonoindolin-2-One Derivatives for Their Multitarget Activity on Î²-Amyloid Aggregation and Neurotoxicity. Molecules, 2018, 23, 1544.	1.7	22
20	Novel bisphosphonates with antiresorptive effect in bone mineralization and osteoclastogenesis. European Journal of Medicinal Chemistry, 2018, 158, 184-200.	2.6	19
21	Physicochemical properties and antimicrobial activity of new spirocyclic thieno[2,3-d]pyrimidin-4(3H)-one derivatives. Chemistry of Heterocyclic Compounds, 2017, 53, 357-363.	0.6	10
22	Discovery of Potent Dual Binding Site Acetylcholinesterase Inhibitors via Homoâ€•and Heterodimerization of Coumarinâ€Based Moieties. ChemMedChem, 2017, 12, 1349-1358.	1.6	28
23	Investigating Structural Requirements for the Antiproliferative Activity of Biphenyl Nicotinamides. ChemMedChem, 2017, 12, 1380-1389.	1.6	6
24	New azepino[4,3-b]indole derivatives as nanomolar selective inhibitors of human butyrylcholinesterase showing protective effectsÂagainst NMDA-induced neurotoxicity. European Journal of Medicinal Chemistry, 2017, 125, 288-298.	2.6	42
25	Design, synthesis, biological evaluation, <scp>NMR</scp> and <scp>DFT</scp> studies of structurally simplified trimethoxy benzamides as selective Pâ€glycoprotein inhibitors: the role of molecular flatness. Chemical Biology and Drug Design, 2016, 88, 820-831.	1.5	3
26	Mind the Gap! A Journey towards Computational Toxicology. Molecular Informatics, 2016, 35, 294-308.	1.4	25
27	Realization of polyaspartamide-based nanoparticles and in vivo lung biodistribution evaluation of a loaded glucocorticoid after aerosolization in mice. International Journal of Pharmaceutics, 2016, 510, 263-270.	2.6	8
28	Exploring Basic Tail Modifications of Coumarin-Based Dual Acetylcholinesterase-Monoamine Oxidase B Inhibitors: Identification of Water-Soluble, Brain-Permeant Neuroprotective Multitarget Agents. Journal of Medicinal Chemistry, 2016, 59, 6791-6806.	2.9	76
29	Galloyl benzamide-based compounds modulating tumour necrosis factor Î±-stimulated c-Jun N-terminal kinase and p38 mitogen-activated protein kinase signalling pathways. Journal of Pharmacy and Pharmacology, 2015, 67, 1380-1392.	1.2	4
30	New organic nitrate-containing benzyloxy isonipecotanilide derivatives with vasodilatory and anti-platelet activity. European Journal of Pharmaceutical Sciences, 2015, 72, 69-80.	1.9	8
31	Docking-based classification models for exploratory toxicology studies on high-quality estrogenic experimental data. Future Medicinal Chemistry, 2015, 7, 1921-1936.	1.1	30
32	Discovery of new 7-substituted-4-imidazolylmethyl coumarins and 4â€²-substituted-2-imidazolyl acetophenones open analogues as potent and selective inhibitors of steroid-11Î²-hydroxylase. European Journal of Medicinal Chemistry, 2015, 89, 106-114.	2.6	22
33	Trimethoxybenzanilide-Based P-Glycoprotein Modulators: An Interesting Case of Lipophilicity Tuning by Intramolecular Hydrogen Bonding. Journal of Medicinal Chemistry, 2014, 57, 6403-6418.	2.9	23
34	Discovery, Biological Evaluation, and Structureâ€“Activity and â^'Selectivity Relationships of 6â€²-Substituted (E)-2-(Benzofuran-3(2H)-ylidene)-N-methylacetamides, a Novel Class of Potent and Selective Monoamine Oxidase Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 2651-2664.	2.9	56
35	Design, synthesis and biological evaluation of coumarin alkylamines as potent and selective dual binding site inhibitors of acetylcholinesterase. Bioorganic and Medicinal Chemistry, 2013, 21, 146-152.	1.4	80
36	Development and analytical characterization of vitamin(s)-loaded chitosan nanoparticles for potential food packaging applications. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	31

#	Article	IF	Citations
37	New Strategies in the Chemotherapy of Leukemia: Eradicating Cancer Stem Cells in Chronic Myeloid Leukemia. Current Cancer Drug Targets, 2012, 12, 571-596.	0.8	10
38	Potent Galloyl-Based Selective Modulators Targeting Multidrug Resistance Associated Protein 1 and P-glycoprotein. Journal of Medicinal Chemistry, 2012, 55, 424-436.	2.9	34
39	Design, synthesis and biological evaluation of 5-hydroxy, 5-substituted-pyrimidine-2,4,6-triones as potent inhibitors of gelatinases MMP-2 and MMP-9. European Journal of Medicinal Chemistry, 2012, 58, 368-376.	2.6	42
40	Design, Synthesis, and Biological Evaluation of 2â€Aminobenzanilide Derivatives as Potent and Selective HDAC Inhibitors. ChemMedChem, 2012, 7, 1256-1266.	1.6	16
41	Toward a fragment-based approach to MMPs inhibitors: an expedite and efficient synthesis of N-hydroxylactams. Tetrahedron Letters, 2012, 53, 4114-4116.	0.7	8
42	Lipophilicity of Teicoplanin Antibiotics as Assessed by Reversed Phase High-performance Liquid Chromatography: Quantitative Structure-property and Structure-activity Relationships. Journal of Pharmacy and Pharmacology, 2011, 46, 994-999.	1.2	6
43	Determination of Lipophilicity and Hydrogen-bond Donor Acidity of Bioactive Sulphonyl-containing Compounds by Reversed-phase HPLC and Centrifugal Partition Chromatography and their Application to Structure-activity Relations. Journal of Pharmacy and Pharmacology, 2011, 43, 191-197.	1.2	22
44	Carbamate Prodrug Concept for Hydroxamate HDAC Inhibitors. ChemMedChem, 2011, 6, 1193-1198.	1.6	37
45	BCR-ABL Inhibitors in Chronic Myeloid Leukemia: Process Chemistry and Biochemical Profile. Current Medicinal Chemistry, 2011, 18, 2943-2959.	1.2	12
46	Design, synthesis and biological evaluation of indane-2-arylhydrazinylmethylene-1,3-diones and indol-2-aryldiazenylmethylene-3-ones as Î²-amyloid aggregation inhibitors. European Journal of Medicinal Chemistry, 2010, 45, 1359-1366.	2.6	51
47	Design, Synthesis, and Biological Evaluation of Coumarin Derivatives Tethered to an Edrophoniumâ€like Fragment as Highly Potent and Selective Dual Binding Site Acetylcholinesterase Inhibitors. ChemMedChem, 2010, 5, 1616-1630.	1.6	58
48	Design, synthesis, and biological evaluation of glycine-based molecular tongs as inhibitors of AÎ²1â€“40 aggregation in vitro. Bioorganic and Medicinal Chemistry, 2008, 16, 4810-4822.	1.4	27
49	1,3-Dialkyl-8-(hetero)aryl-9-OH-9-deazaxanthines as potent A2B adenosine receptor antagonists: Design, synthesis, structureâ€“affinity and structureâ€“selectivity relationships. Bioorganic and Medicinal Chemistry, 2008, 16, 9780-9789.	1.4	24
50	Solid-Phase Synthesis and Insights into Structureâ^'Activity Relationships of Safinamide Analogues as Potent and Selective Inhibitors of Type B Monoamine Oxidase. Journal of Medicinal Chemistry, 2007, 50, 4909-4916.	2.9	49
51	Insights into structureâ€“activity relationships from lipophilicity profiles of pyridin-2(1H)-one analogs of the cardiotonic agent milrinone. European Journal of Pharmaceutical Sciences, 2005, 26, 78-86.	1.9	31
52	Lipophilicity-related inhibition of blood platelet aggregation by nipecotic acid anilides. European Journal of Pharmaceutical Sciences, 2004, 22, 153-164.	1.9	17
53	Alpidem analogues containing a GABA or glycine moiety as new anticonvulsant agents. European Journal of Pharmaceutical Sciences, 2003, 18, 231-240.	1.9	12
54	Investigation of platelet aggregation inhibitory activity by phenyl amides and esters of piperidinecarboxylic acids. Bioorganic and Medicinal Chemistry, 2003, 11, 1439-1450.	1.4	13

#	Article	IF	Citations
55	Extended form of a retro-inverso peptide stabilized by ?-sheet unidirectional H-bonds: Crystallographic and NMR evidence. Biopolymers, 2001, 60, 322-332.	1.2	9
56	Application of a new chiral stationary phase containing the glycopeptide antibiotic A-40,926 in the direct chromatographic resolution of Î²-amino acids. Tetrahedron: Asymmetry, 2000, 11, 2375-2385.	1.8	61
57	Pyrrolo[3,2- c]pyridine derivatives as inhibitors of platelet aggregation. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 581-584.	1.0	19
58	Ionization behaviour and tautomerism-dependent lipophilicity of pyridine-2(1 H)-one cardiotonic agents. Bioorganic and Medicinal Chemistry, 2000, 8, 909-916.	1.4	39
59	Reversible Inhibition of MAO-A and B by Diazoheterocyclic Compounds: Development of QSAR/CoMFA Models. , 2000, , 353-354.		0
60	Direct chromatographic resolution of carnitine and O-acylcarnitine enantiomers on a teicoplanin-bonded chiral stationary phase. Journal of Chromatography A, 1999, 857, 145-155.	1.8	63
61	Teicoplanin-Based Enantiomeric Separations in CZE Using a Partial Filling Technique. Journal of High Resolution Chromatography, 1999, 22, 315-321.	2.0	16
62	Inhibition of Monoamine Oxidase-B by Condensed Pyridazines and Pyrimidines:Â Effects of Lipophilicity and Structureâ^'Activity Relationships. Journal of Medicinal Chemistry, 1998, 41, 3812-3820.	2.9	84
63	Isoquinoline derivatives as endogenous neurotoxins in the aetiology of Parkinsonâ€™s disease. Biochemical Pharmacology, 1998, 56, 921-933.	2.0	120
64	Effect of Thapsia Essential Oils on Bile Composition in Rats. Pharmaceutical Biology, 1998, 36, 335-340.	1.3	3
65	Toxicity to PC12 cells of isoquinoline derivatives structurally related to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. Neuroscience Letters, 1996, 206, 37-40.	1.0	31
66	Effects of isoquinoline derivatives structurally related to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) on mitochondrial respiration. Biochemical Pharmacology, 1996, 51, 1503-1511.	2.0	44
67	Inhibition of [3H]dopamine uptake into striatal synaptosomes by isoquinoline derivatives structurally related to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. Biochemical Pharmacology, 1996, 52, 29-34.	2.0	36
68	Nigral Cell Loss Produced by Infusion of Isoquinoline Derivatives Structurally Related to 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine. Experimental Neurology, 1996, 5, 265-274.	1.7	25
69	Substituent effects on the enantioselective retention of anti-HIV 5-aryl-?2-1,2,4-oxadiazolines onR, R-DACH-DNB chiral stationary phase. , 1996, 8, 556-566.		31
70	Inhibition of Î±-Ketoglutarate dehydrogenase by isoquinoline derivatives structurally related to 1 -methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). NeuroReport, 1995, 6, 1105-1108.	0.6	45
71	LFER and CoMFA studies on optical resolution of ?-alkyl ?-aryloxy acetic acid methyl esters on DACH-DNB chiral stationary phase. Journal of Computer-Aided Molecular Design, 1995, 9, 131-138.	1.3	21
72	Inhibition of complex I by isoquinoline derivatives structurally related to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine(MPTP). Biochemical Pharmacology, 1995, 50, 1903-1911.	2.0	59

#	Article	IF	Citations
73	X-ray Crystal Structure, Partitioning Behavior, and Molecular Modeling Study of Piracetam-Type Nootropics: Insights into the Pharmacophore. Journal of Medicinal Chemistry, 1995, 38, 170-179.	2.9	44
74	Linear solvation energy relationships in reversed-phase liquid chromatography. Examination of RP-8 stationary phases for measuring lipophilicity parameters. Il Farmaco, 1994, 49, 394-401.	0.9	3
75	Synthesis, benzodiazepine receptor affinity and anticonvulsant activity of 5-H-indeno[1,2-c]pyridazine derivatives. Il Farmaco, 1994, 49, 313-23.	0.9	4
76	Enantiomeric resolution of sulfoxides on a DACH-DNB chiral stationary phase: A quantitative structure-enantioselective retention relationship (QSERR) study. Chirality, 1993, 5, 527-537.	1.3	44
77	Linear Solvation Energy Relationships in Reversed-Phase Liquid Chromatography. Examination of Deltabond C8as Stationary Phase for Measuring Lipophilicity Parameters. QSAR and Combinatorial Science, 1993, 12, 261-268.	1.4	22
78	Lipophilicity measurements of benzenesulfonamide inhibitors of carbonic anhydrase by reversed-phase HPLC. International Journal of Pharmaceutics, 1989, 56, 273-281.	2.6	13
79	QSAR analysis of chemical and serum-catalyzed hydrolysis of phenyl ester prodrugs of nipecotic acid. International Journal of Pharmaceutics, 1988, 48, 91-102.	2.6	16