

Francesco Leonetti

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58

papers

2,746

citations

28

h-index

52

g-index

65

ext. papers

3,060

ext. citations

5.9

avg, IF

4.68

L-index

#	Paper	IF	Citations
58	Development of purified glycogen derivatives as siRNA nanovectors. <i>International Journal of Pharmaceutics</i> , 2021 , 608, 121128	6.5	0
57	Bcr-Abl Tyrosine Kinase Inhibitors in the Treatment of Pediatric CML. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
56	Strategies of Virtual Screening in Medicinal Chemistry 2020 , 194-225		0
55	Bcr-Abl Allosteric Inhibitors: Where We Are and Where We Are Going to. <i>Molecules</i> , 2020 , 25,	4.8	4
54	Hydroxy-Propil-β-Cyclodextrin Inclusion Complexes of two Biphenylnicotinamide Derivatives: Formulation and Anti-Proliferative Activity Evaluation in Pancreatic Cancer Cell Models. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
53	TSPO-targeted NIR-fluorescent ultra-small iron oxide nanoparticles for glioblastoma imaging. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 139, 105047	5.1	10
52	Molecular Characterization of a Long-Term Survivor Double Metastatic Non-Small Cell Lung Cancer and Pancreatic Ductal Adenocarcinoma Treated with Gefitinib in Combination with Gemcitabine Plus Nab-Paclitaxel and mFOLFOX6 as First and Second Line Therapy. <i>Cancers</i> , 2019 , 11,	6.6	3
51	An updated patent review on P-glycoprotein inhibitors (2011-2018). <i>Expert Opinion on Therapeutic Patents</i> , 2019 , 29, 455-461	6.8	33
50	Strategies to Improve Cancer Immune Checkpoint Inhibitors Efficacy, Other Than Abscopal Effect: A Systematic Review. <i>Cancers</i> , 2019 , 11,	6.6	32
49	CAFs and TGF-β Signaling Activation by Mast Cells Contribute to Resistance to Gemcitabine/Nabpaclitaxel in Pancreatic Cancer. <i>Cancers</i> , 2019 , 11,	6.6	55
48	Design, Biological Evaluation, and Molecular Modeling of Tetrahydroisoquinoline Derivatives: Discovery of A Potent P-Glycoprotein Ligand Overcoming Multidrug Resistance in Cancer Stem Cells. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 974-986	8.3	13
47	A New Approach for Drug Target and Bioactivity Prediction: The Multifingerprint Similarity Search Algorithm (MuSSeL). <i>Journal of Chemical Information and Modeling</i> , 2019 , 59, 586-596	6.1	36
46	Automated identification of structurally heterogeneous and patentable antiproliferative hits as potential tubulin inhibitors. <i>Chemical Biology and Drug Design</i> , 2018 , 92, 1161-1170	2.9	1
45	Coumarin: A Natural, Privileged and Versatile Scaffold for Bioactive Compounds. <i>Molecules</i> , 2018 , 23,	4.8	231
44	Strategies of Virtual Screening in Medicinal Chemistry. <i>International Journal of Quantitative Structure-Property Relationships</i> , 2018 , 3, 134-160	1.2	5
43	Molecular Docking for Predictive Toxicology. <i>Methods in Molecular Biology</i> , 2018 , 1800, 181-197	1.4	6
42	Ion Channels in Drug Discovery and Safety Pharmacology. <i>Methods in Molecular Biology</i> , 2018 , 1800, 313-326	1.4	10

41	Investigating Structural Requirements for the Antiproliferative Activity of Biphenyl Nicotinamides. <i>ChemMedChem</i> , 2017 , 12, 1380-1389	3.7	6
40	Design, synthesis, biological evaluation, NMR and DFT studies of structurally simplified trimethoxy benzamides as selective P-glycoprotein inhibitors: the role of molecular flatness. <i>Chemical Biology and Drug Design</i> , 2016 , 88, 820-831	2.9	3
39	Mind the Gap! A Journey towards Computational Toxicology. <i>Molecular Informatics</i> , 2016 , 35, 294-308	3.8	20
38	Multitarget-directed tricyclic pyridazinones as G protein-coupled receptor ligands and cholinesterase inhibitors. <i>ChemMedChem</i> , 2015 , 10, 1054-70	3.7	5
37	Discovery of new 7-substituted-4-imidazolylmethyl coumarins and 4-substituted-2-imidazolyl acetophenones open analogues as potent and selective inhibitors of steroid-11 β -hydroxylase. <i>European Journal of Medicinal Chemistry</i> , 2015 , 89, 106-14	6.8	20
36	Galloyl benzamide-based compounds modulating tumour necrosis factor β -stimulated c-Jun N-terminal kinase and p38 mitogen-activated protein kinase signalling pathways. <i>Journal of Pharmacy and Pharmacology</i> , 2015 , 67, 1380-92	4.8	3
35	Trimethoxybenzanilide-based P-glycoprotein modulators: an interesting case of lipophilicity tuning by intramolecular hydrogen bonding. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 6403-18	8.3	20
34	Design, synthesis and biological evaluation of coumarin alkylamines as potent and selective dual binding site inhibitors of acetylcholinesterase. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 146-52	3.4	70
33	Computational methods for the design of potent aromatase inhibitors. <i>Expert Opinion on Drug Discovery</i> , 2013 , 8, 395-409	6.2	26
32	Toward a fragment-based approach to MMPs inhibitors: an expedite and efficient synthesis of N-hydroxylactams. <i>Tetrahedron Letters</i> , 2012 , 53, 4114-4116	2	8
31	Potent galloyl-based selective modulators targeting multidrug resistance associated protein 1 and P-glycoprotein. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 424-36	8.3	30
30	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. <i>European Journal of Medicinal Chemistry</i> , 2012 , 58, 368-76	6.8	32
29	Design, synthesis, and biological evaluation of imidazolyl derivatives of 4,7-disubstituted coumarins as aromatase inhibitors selective over 17 β -hydroxylase/C17-20 lyase. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 1613-25	8.3	63
28	Strategies of multi-objective optimization in drug discovery and development. <i>Expert Opinion on Drug Discovery</i> , 2011 , 6, 871-84	6.2	25
27	Insights into the complex formed by matrix metalloproteinase-2 and alloxan inhibitors: molecular dynamics simulations and free energy calculations. <i>PLoS ONE</i> , 2011 , 6, e25597	3.7	12
26	Homodimeric bis-quaternary heterocyclic ammonium salts as potent acetyl- and butyrylcholinesterase inhibitors: a systematic investigation of the influence of linker and cationic heads over affinity and selectivity. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 2627-45	8.3	35
25	Discovery of a Potent and Selective Hetero-Bivalent AChE Inhibitor via Bioisosteric Replacement. <i>Molecular Informatics</i> , 2011 , 30, 133-6	3.8	8
24	Screening of benzamidine-based thrombin inhibitors via a linear interaction energy in continuum electrostatics model. <i>Journal of Computer-Aided Molecular Design</i> , 2010 , 24, 117-29	4.2	6

23	Design, synthesis, and biological evaluation of coumarin derivatives tethered to an edrophonium-like fragment as highly potent and selective dual binding site acetylcholinesterase inhibitors. <i>ChemMedChem</i> , 2010 , 5, 1616-30	3.7	51
22	Solid phase synthesis of a molecular library of pyrimidines, pyrazoles, and isoxazoles with biological potential. <i>Tetrahedron Letters</i> , 2010 , 51, 1702-1705	2	14
21	Discovery of a novel class of potent coumarin monoamine oxidase B inhibitors: development and biopharmacological profiling of 7-[(3-chlorobenzyl)oxy]-4-[(methylamino)methyl]-2H-chromen-2-one methanesulfonate (NW-1772) as a highly potent, selective, reversible, and orally active monoamine oxidase B inhibitor. <i>Journal of An integrated approach to ligand- and structure-based drug design: development and application to a series of serine protease inhibitors. Journal of Chemical Information and Modeling</i> , 2008 , 48, 1211-26	8.3	83
20		6.1	43
19	Homo- and hetero-bivalent edrophonium-like ammonium salts as highly potent, dual binding site AChE inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 7450-6	3.4	57
18	1,3-Dialkyl-8-(hetero)aryl-9-OH-9-deazaxanthines as potent A2B adenosine receptor antagonists: design, synthesis, structure-affinity and structure-selectivity relationships. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 9780-9	3.4	21
17	Screening of matrix metalloproteinases available from the protein data bank: insights into biological functions, domain organization, and zinc binding groups. <i>Journal of Chemical Information and Modeling</i> , 2007 , 47, 2439-48	6.1	37
16	Solid-phase synthesis and insights into structure-activity relationships of safinamide analogues as potent and selective inhibitors of type B monoamine oxidase. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 4909-16	8.3	39
15	Synthesis and monoamine oxidase inhibitory activity of new pyridazine-, pyrimidine- and 1,2,4-triazine-containing tricyclic derivatives. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 5364-71	8.3	31
14	Microwave-assisted solid phase synthesis of Imatinib, a blockbuster anticancer drug. <i>Tetrahedron Letters</i> , 2007 , 48, 3455-3458	2	31
13	Structural insights into monoamine oxidase inhibitory potency and selectivity of 7-substituted coumarins from ligand- and target-based approaches. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 4912-25	8.3	92
12	Impact of species-dependent differences on screening, design, and development of MAO B inhibitors. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 6264-72	8.3	72
11	Substrate profiling of cysteine proteases using a combinatorial peptide library identifies functionally unique specificities. <i>Journal of Biological Chemistry</i> , 2006 , 281, 12824-32	5.4	304
10	Design, synthesis, and 3D QSAR of novel potent and selective aromatase inhibitors. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 6792-803	8.3	97
9	Synthesis of potential dual binding site acetylcholinesterase inhibitors through an efficient solid phase approach based on the Mitsunobu reaction. <i>Arkivoc</i> , 2004 , 2004, 272-285	0.9	6
8	Attenuation of autoimmune disease in Fas-deficient mice by treatment with a cytotoxic benzodiazepine. <i>Arthritis and Rheumatism</i> , 2003 , 48, 757-66		40
7	Fast and highly efficient one-pot synthesis of 9-deazaxanthines. <i>Tetrahedron Letters</i> , 2003 , 44, 2121-2123		20
6	Structure activity studies of a novel cytotoxic benzodiazepine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 3327-30	2.9	12

5	Expedient solid-phase synthesis of fluorogenic protease substrates using the 7-amino-4-carbamoylmethylcoumarin (ACC) fluorophore. <i>Journal of Organic Chemistry</i> , 2002 , 67, 910-5	4.2	125
4	Benzodiazepine-induced superoxide signals B cell apoptosis: mechanistic insight and potential therapeutic utility. <i>Journal of Clinical Investigation</i> , 2002 , 110, 1123-1132	15.9	46
3	Coumarins derivatives as dual inhibitors of acetylcholinesterase and monoamine oxidase. <i>Journal of Medicinal Chemistry</i> , 2001 , 44, 3195-8	8.3	242
2	Synthesis of positional-scanning libraries of fluorogenic peptide substrates to define the extended substrate specificity of plasmin and thrombin. <i>Nature Biotechnology</i> , 2000 , 18, 187-93	44.5	223
1	Inhibition of monoamine oxidases by functionalized coumarin derivatives: biological activities, QSARs, and 3D-QSARs. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 4747-58	8.3	219