Giuseppe Saccomanni

List of Publications by Year
in descending order

59 papers	1,604 citations	218677 26 h-index	315739 38 g-index
63 all docs	63 docs citations	63 times ranked	1989 citing authors

#	Article	IF	Citations
1	Synthesis and Î²-blocking activity of (R,S)-(E)-oximeethers of 2,3-dihydro-1,8-naphthyridine and 2,3-dihydrothiopyrano[2,3-b]pyridine:potential antihypertensive agents â€“ Part IX. European Journal of Medicinal Chemistry, 2000, 35, 815-826.	5.5	94
2	Cannabinoid CB2/CB1 Selectivity. Receptor Modeling and Automated Docking Analysis. Journal of Medicinal Chemistry, 2006, 49, 984-994.	6.4	93
3	Microfluidic approach for fast labeling optimization and dose-on-demand implementation. Nuclear Medicine and Biology, 2010, 37, 547-555.	0.6	74
4	Pharmacokinetics of Tramadol and its Metabolites M1, M2 and M5 in Horses Following Intravenous, Immediate Release (Fasted/Fed) and Sustained Release Single Dose Administration. Journal of Equine Veterinary Science, 2007, 27, 481-488.	0.9	67
5	Design, Synthesis, and Biological Evaluation of New 1,8-Naphthyridin-4(1H)-on-3-carboxamide and Quinolin-4(1H)-on-3-carboxamide Derivatives as CB2Selective Agonists. Journal of Medicinal Chemistry, 2006, 49, 5947-5957.	6.4	66
6	Cytotoxic Activity of Oleocanthal Isolated from Virgin Olive Oil on Human Melanoma Cells. Nutrition and Cancer, 2016, 68, 873-877.	2.0	65
7	New 1,8-naphthyridine and quinoline derivatives as CB2 selective agonists. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 6505-6510.	2.2	64
8	Oleocanthal and oleacein contribute to the in vitro therapeutic potential of extra virgin oil-derived extracts in non-melanoma skin cancer. Toxicology in Vitro, 2018, 52, 243-250.	2.4	57
9	Rational design, synthesis and anti-proliferative properties of new CB2 selective cannabinoid receptor ligands: An investigation of the 1,8-naphthyridin-2(1H)-one scaffold. European Journal of Medicinal Chemistry, 2012, 52, 284-294.	5.5	50
10	Synthesis of 1,8-naphthyridine derivatives: Potential antihypertensive agents â€" Part VII. European Journal of Medicinal Chemistry, 1998, 33, 383-397.	5.5	49
11	Design and synthesis of H2S-donor hybrids: A new treatment for Alzheimer's disease?. European Journal of Medicinal Chemistry, 2019, 184, 111745.	5.5	49
12	Synthesis and evaluation of antimycobacterial activity of 4-phenyl-1,8-naphthyridine derivatives. Il Farmaco, 1998, 53, 741-746.	0.9	46
13	Pharmacokinetic evaluation of tramadol and its major metabolites after single oral sustained tablet administration in the dog: a pilot study. Veterinary Journal, 2009, 180, 253-255.	1.7	46
14	CB2-Selective Cannabinoid Receptor Ligands: Synthesis, Pharmacological Evaluation, and Molecular Modeling Investigation of 1,8-Naphthyridin-2(1H)-one-3-carboxamides. Journal of Medicinal Chemistry, 2014, 57, 8777-8791.	6.4	46
15	Structural Optimization of 4-Chlorobenzoylpiperidine Derivatives for the Development of Potent, Reversible, and Selective Monoacylglycerol Lipase (MAGL) Inhibitors. Journal of Medicinal Chemistry, 2016, 59, 10299-10314.	6.4	42
16	New quinolone- and 1,8-naphthyridine-3-carboxamides as selective CB2 receptor agonists with anticancer and immunoâ€"modulatory activity. European Journal of Medicinal Chemistry, 2015, 97, 10-18.	5.5	40
17	Unusual nitration of substituted 7â€aminoâ€1,8â€naphthyridine in the synthesis of compounds with antiplatelet activity. Journal of Heterocyclic Chemistry, 1997, 34, 1501-1510.	2.6	36
18	Synthesis and biological evaluation of 1,8-naphthyridin-4(1H)-on-3-carboxamide derivatives as new ligands of cannabinoid receptors. Bioorganic and Medicinal Chemistry, 2004, 12, 1921-1933.	3.0	36

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19	Rational Design, Synthesis, and Pharmacological Properties of New 1,8-Naphthyridin-2(1H)-on-3-Carboxamide Derivatives as Highly Selective Cannabinoid-2 Receptor Agonists. Journal of Medicinal Chemistry, 2009, 52, 3644-3651.	6.4	36
20	Synthesis and antiplatelet activity of some 2,7-di(N-cycloamino)-3-phenyl-1,8-naphthyridine derivatives. Il Farmaco, 2001, 56, 311-318.	0.9	33
21	Pharmacokinetics of Tramadol and Its Metabolites M1, M2, and M5 in Donkeys after Intravenous and Oral Immediate Release Single-Dose Administration. Journal of Equine Veterinary Science, 2009, 29, 569-574.	0.9	32
22	Study on Affinity Profile toward Native Human and Bovine Adenosine Receptors of a Series of 1,8-Naphthyridine Derivatives. Journal of Medicinal Chemistry, 2004, 47, 3019-3031.	6.4	31
23	A Novel Class of Highly Potent and Selective A1Adenosine Antagonists:Â Structureâ^'Affinity Profile of a Series of 1,8-Naphthyridine Derivatives. Journal of Medicinal Chemistry, 2000, 43, 2814-2823.	6.4	30
24	Synthesis and evaluation of antihypertensive activity of 1,8-naphthyridine derivatives. Part X. European Journal of Medicinal Chemistry, 2001, 36, 925-934.	5.5	28
25	Evaluation of tramadol and its main metabolites in horse plasma by highâ€performance liquid chromatography/fluorescence and liquid chromatography/electrospray ionization tandem mass spectrometry techniques. Rapid Communications in Mass Spectrometry, 2009, 23, 228-236.	1.5	27
26	Effects on Immune Cells of a New 1,8-Naphthyridin-2-One Derivative and Its Analogues as Selective CB2 Agonists: Implications in Multiple Sclerosis. PLoS ONE, 2013, 8, e62511.	2.5	27
27	Synthesis and antiplatelet activity of some 3-phenyl-1,8-naphthyridine derivatives. Il Farmaco, 2000, 55, 603-610.	0.9	26
28	Carbazole-containing arylcarboxamides as BACE1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6657-6661.	2.2	22
29	Anti-Proliferative Properties and Proapoptotic Function of New CB2 Selective Cannabinoid Receptor Agonist in Jurkat Leukemia Cells. International Journal of Molecular Sciences, 2018, 19, 1958.	4.1	21
30	Design, synthesis and preliminary evaluation of 18F-labelled 1,8-naphthyridin- and quinolin-2-one-3-carboxamide derivatives for PET imaging of CB2 cannabinoid receptor. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2532-2535.	2.2	19
31	Synthesis, biological activity and molecular modeling of new biphenylic carboxamides as potent and selective CB2 receptor ligands. European Journal of Medicinal Chemistry, 2015, 90, 526-536.	5.5	18
32	Synthesis of 1,8-naphthyridine derivatives: potential antihypertensive agents â€“ Part VIII. European Journal of Medicinal Chemistry, 1999, 34, 505-513.	5.5	17
33	Synthesis and Î²-blocking activity of (R , S)-(E)-oximeethers of 2,3-dihydro-1,8-naphthyridine and 2,3-dihydrothiopyrano[2,3- b]pyridine: identification of Î² 3 -antagonists. Bioorganic and Medicinal Chemistry, 2003, 11, 4921-4931.	3.0	16
34	1,2-Dihydro-2-oxopyridine-3-carboxamides: The C-5 substituent is responsible for functionality switch at CB2 cannabinoid receptor. European Journal of Medicinal Chemistry, 2014, 74, 524-532.	5.5	16
35	Synthesis of variously substituted 1,8-naphthyridine derivatives and evaluation of their antimycobacterial activity. Il Farmaco, 2002, 57, 631-639.	0.9	15
36	Adenosine receptor modelling. A1/A2a selectivity. European Journal of Medicinal Chemistry, 2006, 41, 321-329.	5.5	15

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37	Determination of water-soluble vitamins in multivitamin dietary supplements and in artichokes by micellar electrokinetic chromatography. Natural Product Research, 2013, 27, 2212-2215.	1.8	15
38	Design, Synthesis, and Biological Activity of New CB2 Receptor Ligands: from Orthosteric and Allosteric Modulators to Dualsteric/Bitopic Ligands. Journal of Medicinal Chemistry, 2022, 65, 9918-9938.	6.4	15
39	Novel analogs of PSNCBAM-1 as allosteric modulators of cannabinoid CB1 receptor. Bioorganic and Medicinal Chemistry, 2017, 25, 6427-6434.	3.0	14
40	Immune-Modulation and Properties of Absorption and Blood Brain Barrier Permeability of 1,8-Naphthyridine Derivatives. Journal of NeuroImmune Pharmacology, 2013, 8, 1077-1086.	4.1	13
41	Synthesis and pharmacological evaluation of new biphenylic derivatives as CB 2 receptor ligands. European Journal of Medicinal Chemistry, 2016, 116, 252-266.	5.5	13
42	1,8-Naphthyridin-4-one derivatives as new ligands of A2A adenosine receptors. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4604-4610.	2.2	11
43	Modified RP-LC of Phenylthiocarbamyl Amino Acid Adducts in Plasma Acetonitrile Extracts Using Multiple Internal Standards and Photo-Diode UV Detection. Chromatographia, 2010, 71, 291-297.	1.3	10
44	Taurine in women with a history of gestational diabetes. Diabetes Research and Clinical Practice, 2007, 76, 187-192.	2.8	9
45	Sulfonamido-derivatives of unsubstituted carbazoles as BACE1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4812-4816.	2.2	9
46	Synthesis of 3- or 4-phenyl-1,8-naphthyridine derivatives and evaluation of antimycobacterial and antimicrobial activity. Il Farmaco, 2003, 58, 859-866.	0.9	8
47	Pharmacokinetics of Tramadol after Epidural Administration in Horses. Journal of Equine Veterinary Science, 2010, 30, 44-46.	0.9	7
48	4-[6-(Dansylamino)hexylamino]-7-methyl-2-phenyl-1,8-naphthyridine as a new potential fluorescent probe for studying A1-adenosine receptor. Il Farmaco, 2002, 57, 783-786.	0.9	6
49	Tyrosol-Enriched Tomatoes by Diffusion across the Fruit Peel from a Chitosan Coating: A Proposal of Functional Food. Foods, 2021, 10, 335.	4.3	6
50	High performance liquid chromatographic determination of thalidomide in patients affected by hepatocellular carcinoma. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 447-451.	2.8	4
51	Preliminary Investigation of a Novel 18F Radiopharmaceutical for Imaging CB2 Receptors in a SOD Mouse Model. Australian Journal of Chemistry, 2021, 74, 443.	0.9	4
52	Structure-Based Virtual Screening: Identification of Novel CB2 Receptor Ligands. Letters in Drug Design and Discovery, 2007, 4, 15-19.	0.7	3
53	Synthesis and In Vitro Characterization of Selective Cannabinoid CB2 Receptor Agonists: Biological Evaluation against Neuroblastoma Cancer Cells. Molecules, 2022, 27, 3019.	3.8	3
54	Rutin and quercetin content in the forage of common buckwheat as affected by maturity and conservation method. Grassland Science, 2017, 63, 169-176.	1.1	2

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55	Design, Synthesis, and In Vitro Evaluation of Novel 8-Amino-Quinoline Combined with Natural Antioxidant Acids. Pharmaceuticals, 2022, 15, 688.	3.8	2
56	Identification of chemical byproducts in the radiofluorination of structurally complex aryliodonium salts. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 1021-1027.	1.5	1
57	Synthesis of Variously Substituted 1,8-Naphthyridine Derivatives and Evaluation of Their Antimycobacterial Activity.. ChemInform, 2003, 34, no.	0.0	0
58	4-[6-(Dansylamino)hexylamino]-7-methyl-2-phenyl-1,8-naphthyridine as a New Potential Fluorescent Probe for Studying A1-Adenosine Receptor.. ChemInform, 2003, 34, no.	0.0	0
59	Synthesis of 3- or 4-Phenyl-1,8-naphthyridine Derivatives and Evaluation of Antimycobacterial and Antimicrobial Activity.. ChemInform, 2004, 35, no.	0.0	0