Giuseppe Caliendo

List of Publications by Year
in descending order

104	2,732	212478	232693
papers	citations	28 h-index	48 g-index

113	113	113	3368
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	H2S donating corticosteroids: Design, synthesis and biological evaluation in a murine model of asthma. Journal of Advanced Research, 2022, 35, 267-277.	4.4	17
2	Serotoninergic receptor ligands improve Tamoxifen effectiveness on breast cancer cells. BMC Cancer, 2022, 22, 171.	1.1	4
3	Structure-activity relationships study of isothiocyanates for H2S releasing properties: 3-Pyridyl-isothiocyanate as a new promising cardioprotective agent. Journal of Advanced Research, 2021, 27, 41-53.	4.4	28
4	Synthesis, docking studies, and pharmacological evaluation of 2â€hydroxypropylâ€4â€arylpiperazine derivatives as serotoninergic ligands. Archiv Der Pharmazie, 2021, 354, 2000414.	2.1	7
5	Trends in H2S-Donors Chemistry and Their Effects in Cardiovascular Diseases. Antioxidants, 2021, 10, 429.	2.2	38
6	Involvement of 3â€²,5â€²â€cyclic inosine monophosphate in cystathionine Î³â€lyaseâ€dependent regulation of the vascular tone. British Journal of Pharmacology, 2021, 178, 3765-3782.	2.7	12
7	Antagonizing S1P3 Receptor with Cell-Penetrating Pepducins in Skeletal Muscle Fibrosis. International Journal of Molecular Sciences, 2021, 22, 8861.	1.8	1
8	Hybrids between H2S-donors and betamethasone 17-valerate or triamcinolone acetonide inhibit mast cell degranulation and promote hyperpolarization of bronchial smooth muscle cells. European Journal of Medicinal Chemistry, 2021, 221, 113517.	2.6	10
9	New Insights into the Structureâ€“Activity Relationship and Neuroprotective Profile of Benzodiazepinone Derivatives of Neurounina-1 as Modulators of the Na⁺/Ca²⁺ Exchanger Isoforms. Journal of Medicinal Chemistry, 2021, 64, 17901-17919.	2.9	6
10	H2S Donors and Their Use in Medicinal Chemistry. Biomolecules, 2021, 11, 1899.	1.8	36
11	PCB levels in adipose tissue of dogs from illegal dumping sites in Campania region (Italy). Chemosphere, 2020, 244, 125478.	4.2	7
12	New Serotoninergic Ligands Containing Indolic and Methyl Indolic Nuclei: Synthesis and In Vitro Pharmacological Evaluation. Medicinal Chemistry, 2020, 16, 517-530.	0.7	1
13	Development, Validation of LC-MS/MS Method and Determination of Pharmacokinetic Parameters of the Stroke Neuroprotectant Neurounina-1 in Beagle Dog Plasma After Intravenous Administration. Frontiers in Pharmacology, 2019, 10, 432.	1.6	5
14	Synthesis, docking studies, and pharmacological evaluation of 5HT_{2C} ligands containing the Nâ€²â€cyanoisonicotinamidine or Nâ€²â€cyanopicolinamidine nucleus. Archiv Der Pharmazie, 2019, 352, e1800373.	2.1	7
15	Synthesis and Pharmacological Screening of Pyridopyrimidines as Effective Antiâ€Diarrheal Agents through the Suppression of Cyclic Nucleotide Accumulation. ChemistryOpen, 2019, 8, 464-475.	0.9	3
16	Quantification of estradiol cypionate in plasma by liquid chromatography coupled with tandem mass spectrometry: Application in a pharmacokinetic study in healthy female volunteers. Journal of Pharmaceutical and Biomedical Analysis, 2019, 170, 273-278.	1.4	3
17	Design of Sphingosine Kinases Inhibitors: Challenges and Recent Developments. Current Pharmaceutical Design, 2019, 25, 956-968.	0.9	9
18	1,2,4-Thiadiazolidin-3,5-diones as novel hydrogen sulfide donors. European Journal of Medicinal Chemistry, 2018, 143, 1677-1686.	2.6	38

#	Article	IF	Citations
19	Non-Natural Linker Configuration in 2,6-Dipeptidyl-Anthraquinones Enhances the Inhibition of TAR RNA Binding/Annealing Activities by HIV-1 NC and Tat Proteins. Bioconjugate Chemistry, 2018, 29, 2195-2207.	1.8	7
20	Heavy Metals Size Distribution in PM10 and Environmental-Sanitary Risk Analysis in Acerra (Italy). Atmosphere, 2018, 9, 58.	1.0	37
21	New 5-HT1A, 5HT2A and 5HT2C receptor ligands containing a picolinic nucleus: Synthesis, in vitro and in vivo pharmacological evaluation. Bioorganic and Medicinal Chemistry, 2017, 25, 5820-5837.	1.4	17
22	Development of 1,2,3-Triazole-Based Sphingosine Kinase Inhibitors and Their Evaluation as Antiproliferative Agents. International Journal of Molecular Sciences, 2017, 18, 2332.	1.8	5
23	Chemical Composition of PM10 at Urban Sites in Naples (Italy). Atmosphere, 2016, 7, 163.	1.0	11
24	Fragment-based de novo design of a cystathionine Î³-lyase selective inhibitor blocking hydrogen sulfide production. Scientific Reports, 2016, 6, 34398.	1.6	20
25	Synthesis, inÂvitro and inÂvivo pharmacological evaluation of serotoninergic ligands containing an isonicotinic nucleus. European Journal of Medicinal Chemistry, 2016, 110, 133-150.	2.6	14
26	Synthesis and in Vitro Screening of New Series of 2,6-Dipeptidyl-anthraquinones: Influence of Side Chain Length on HIV-1 Nucleocapsid Inhibitors. Journal of Medicinal Chemistry, 2016, 59, 1914-1924.	2.9	15
27	Pharmacological Characterization of the Newly Synthesized 5-Amino-N-butyl-2-(4-ethoxyphenoxy)-benzamide Hydrochloride (BED) as a Potent NCX3 Inhibitor That Worsens Anoxic Injury in Cortical Neurons, Organotypic Hippocampal Cultures, and Ischemic Brain. ACS Chemical Neuroscience, 2015, 6, 1361-1370.	1.7	16
28	Synthesis, biological evaluation, and docking studies of PAR2-AP-derived pseudopeptides as inhibitors of kallikrein 5 and 6. Biological Chemistry, 2015, 396, 45-52.	1.2	4
29	Specificity studies on Kallikrein-related peptidase 7 (KLK7) and effects of osmolytes and glycosaminoglycans on its peptidase activity. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 73-83.	1.1	16
30	Synthesis and In Vitro Pharmacological Evaluation of Novel 2â€Hydroxypropylâ€4â€arylpiperazine Derivatives as Serotoninergic Ligands. Archiv Der Pharmazie, 2014, 347, 698-706.	2.1	9
31	5-HT_{1A} Receptor: An Old Target as a New Attractive Tool in Drug Discovery from Central Nervous System to Cancer. Journal of Medicinal Chemistry, 2014, 57, 4407-4426.	2.9	85
32	Design, synthesis and biological evaluation of TAR and cTAR binders as HIV-1 nucleocapsid inhibitors. MedChemComm, 2013, 4, 1388.	3.5	16
33	Neurounina-1, a Novel Compound That Increases Na⁺/Ca²⁺Exchanger Activity, Effectively Protects against Stroke Damage. Molecular Pharmacology, 2013, 83, 142-156.	1.0	39
34	Identification of a pepducin acting as S1P₃ receptor antagonist. Journal of Peptide Science, 2013, 19, 717-724.	0.8	9
35	Synthesis of benzamide derivatives and their evaluation as antiprion agents. Bioorganic and Medicinal Chemistry, 2012, 20, 5001-5011.	1.4	10
36	Kallikrein Protease Activated Receptor (PAR) Axis: An Attractive Target for Drug Development. Journal of Medicinal Chemistry, 2012, 55, 6669-6686.	2.9	15

#	Article	IF	Citations
37	New potent 5-HT2A receptor ligands containing an Nâ€²-cyanopicolinamidine nucleus: Synthesis and inÂvitro pharmacological evaluation. European Journal of Medicinal Chemistry, 2012, 47, 520-529.	2.6	12
38	Synthesis of 1-naphtylpiperazine derivatives as serotoninergic ligands and their evaluation as antiproliferative agents. European Journal of Medicinal Chemistry, 2011, 46, 2206-2216.	2.6	11
39	Efficient microwave combinatorial synthesis of novel indolic arylpiperazine derivatives as serotoninergic ligands. European Journal of Medicinal Chemistry, 2010, 45, 752-759.	2.6	19
40	New 5-HT1A receptor ligands containing a Nâ€²-cyanoisonicotinamidine nucleus: Synthesis and in vitro pharmacological evaluation. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2978-2982.	1.0	17
41	Markedly reduced toxicity of a hydrogen sulphideâ€releasing derivative of naproxen (ATBâ€346). British Journal of Pharmacology, 2010, 159, 1236-1246.	2.7	192
42	Synthesis and Biological Effects of Hydrogen Sulfide (H₂S): Development of H₂S-Releasing Drugs as Pharmaceuticals. Journal of Medicinal Chemistry, 2010, 53, 6275-6286.	2.9	243
43	Efficient microwave-assisted synthesis of 4-amino-2-benzazepin-3-ones as conformationally restricted dipeptide mimetics. Tetrahedron, 2009, 65, 206-211.	1.0	12
44	A nitro-arginine derivative of trimebutine (NO2-Arg-Trim) attenuates pain induced by colorectal distension in conscious rats. Pharmacological Research, 2009, 59, 319-329.	3.1	14
45	Effect of positive charge in VIP16Î³-glutamyl diamino derivatives on hVPAC1 and hVPAC2 receptor function. Journal of Peptide Science, 2008, 14, 102-109.	0.8	2
46	Synthesis and Inâ€vitro Pharmacological Evaluation of New 5â€HT_{1A}Receptor Ligands Containing a Benzotriazinone Nucleus. Archiv Der Pharmazie, 2008, 341, 20-27.	2.1	19
47	Synthesis and pharmacological evaluation of peptide-mimetic protease-activated receptor-1 antagonists containing novel heterocyclic scaffolds. Bioorganic and Medicinal Chemistry, 2008, 16, 6009-6020.	1.4	14
48	Synthesis and Pharmacological Evaluations of Sildenafil Analogues for Treatment of Erectile Dysfunction. Journal of Medicinal Chemistry, 2008, 51, 2807-2815.	2.9	42
49	Gastrointestinal Safety and Anti-Inflammatory Effects of a Hydrogen Sulfideâ€“Releasing Diclofenac Derivative in the Rat. Gastroenterology, 2007, 132, 261-271.	0.6	239
50	Pharmacokinetic Profile of Atenolol Aspirinate. Archiv Der Pharmazie, 2007, 340, 445-455.	2.1	4
51	Microwave solvent free regioselective 1,3 dipolar cycloaddition in the synthesis of 1,4 substituted [1,2,3]â€triazoles as amide bond isosteres. Journal of Heterocyclic Chemistry, 2007, 44, 815-819.	1.4	11
52	Design and synthesis of potential Î²-sheet nucleators via Suzuki coupling reaction. Tetrahedron, 2007, 63, 12779-12785.	1.0	17
53	Conformationâ€“activity relationship of peptide T and new pseudocyclic hexapeptide analogs. Journal of Peptide Science, 2007, 13, 413-421.	0.8	5
54	Synthesis of 2-Methyl-3-indolylacetic Derivatives as Anti-Inflammatory Agents That Inhibit Preferentially Cyclooxygenase 1 without Gastric Damage. Journal of Medicinal Chemistry, 2006, 49, 7774-7780.	2.9	4

#	Article	IF	Citations
55	5-Amino-2-hydroxybenzoic Acid 4-(5-Thioxo-5H-[1,2]dithiol-3yl)-phenyl Ester (ATB-429), a Hydrogen Sulfide-Releasing Derivative of Mesalamine, Exerts Antinociceptive Effects in a Model of Postinflammatory Hypersensitivity. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 447-458.	1.3	130
56	Synthesis, Pharmacological Evaluation, and Molecular Modeling Studies of Novel Peptidic CAAX Analogues as Farnesyl-Protein-Transferase Inhibitors. Journal of Medicinal Chemistry, 2006, 49, 1882-1890.	2.9	7
57	Synthesis by Microwave Irradiation and Antidiarrhoeal Activity of Benzotriazinone and Saccharine Derivatives. Archiv Der Pharmazie, 2005, 338, 548-555.	2.1	10
58	Pharmacokinetics of Dihydroergocristine and Its Major Metabolite 8- Hydroxy-Dihydroergocristine in Human Plasma. Current Drug Metabolism, 2005, 6, 519-529.	0.7	6
59	Derivatives as 5HT1A Receptor Ligands-Past and Present. Current Medicinal Chemistry, 2005, 12, 1721-1753.	1.2	80
60	Efficient Microwave Combinatorial Parallel and Nonparallel Synthesis of N-Alkylated Glycine Methyl Esters as Peptide Building Blocks. ACS Combinatorial Science, 2005, 7, 618-621.	3.3	17
61	New 5-Hydroxytryptamine1AReceptor Ligands Containing a Norbornene Nucleus:Â Synthesis and in Vitro Pharmacological Evaluation. Journal of Medicinal Chemistry, 2005, 48, 5495-5503.	2.9	31
62	Synthesis ofN Î±-FmocN,Nâ€²-bis-Boc-5-, 6- and 8-guanyl-1,2,3,4-tetrahydroisoquinoline-3-carboxylic Acid (5-GTIC, 6-GTIC and 8-GTIC). Synthesis, 2004, 2004, 3011-3016.	1.2	0
63	A suitable 1,2,4-oxadiazoles synthesis by microwave irradiation. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 4491-4493.	1.0	46
64	A Valuable Synthesis of Reduced Peptide Bond by Microwave Irradiation. QSAR and Combinatorial Science, 2004, 23, 899-901.	1.5	18
65	PAR1 antagonism protects against experimental liver fibrosis. Role of proteinase receptors in stellate cell activation. Hepatology, 2004, 39, 365-375.	3.6	149
66	Bromazepam determination in human plasma by high-performance liquid chromatography coupled to tandem mass spectrometry: a highly sensitive and specific tool for bioequivalence studies. Journal of Mass Spectrometry, 2004, 39, 168-176.	0.7	35
67	A Suitable 1,2,4-Oxadiazoles Synthesis by Microwave Irradiation.. ChemInform, 2004, 35, no.	0.1	0
68	Synthesis by microwave irradiation of a substituted benzoxazine parallel library with preferential relaxant activity for guinea pig trachealis. European Journal of Medicinal Chemistry, 2004, 39, 815-826.	2.6	38
69	Evidence for a protective role played by the Na+/Ca2+ exchanger in cerebral ischemia induced by middle cerebral artery occlusion in male rats. Neuropharmacology, 2004, 46, 439-448.	2.0	94
70	A convenient synthesis by microwave irradiation of an active metabolite (EXP-3174) of losartan. Tetrahedron Letters, 2003, 44, 1149-1152.	0.7	14
71	A convenient strategy of dimerization by microwave heating and using 2,5-diketopiperazine as scaffold. Tetrahedron Letters, 2003, 44, 1145-1148.	0.7	15
72	Design of Inhibitors for Human Tissue Kallikrein Using Non-Natural Aromatic and Basic Amino Acids. Biological Chemistry, 2002, 383, 853-857.	1.2	9

#	Article	IF	Citations
73	Nitric Oxide Related Therapeutic Phenomenon: A Challenging Task. Current Pharmaceutical Design, 2002, 8, 233-239.	0.9	7
74	A convenient synthesis by microwave heating and pharmacological evaluation of novel benzoyltriazole and saccharine derivatives as 5-HT1A receptor ligands. European Journal of Pharmaceutical Sciences, 2002, 16, 15-28.	1.9	30
75	Nevirapine quantification in human plasma by high-performance liquid chromatography coupled to electrospray tandem mass spectrometry. Application to bioequivalence study. Journal of Mass Spectrometry, 2002, 37, 434-441.	0.7	19
76	Minimal structural requirements for agonist activity of PAR-2 activating peptides. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 21-24.	1.0	7
77	Synthesis and vasorelaxant activity of new 1,4-benzoxazine derivatives potassium channel openers. Bioorganic and Medicinal Chemistry, 2002, 10, 2663-2669.	1.4	30
78	Human Tissue Kallikrein S1Subsite Recognition of Non-Natural Basic Amino Acidsâ€. Biochemistry, 2001, 40, 5226-5232.	1.2	11
79	S1subsite specificity of a recombinant cysteine proteinase, CPB, ofLeishmania mexicanacompared with cruzain, human cathepsin L and papain using substrates containing non-natural basic amino acids. FEBS Journal, 2001, 268, 1206-1212.	0.2	19
80	Synthesis of novel anti-inflammatory peptides derived from the amino-acid sequence of the bioactive protein SV-IV. FEBS Journal, 2001, 268, 3399-3406.	0.2	22
81	Microwave enhanced solution synthesis of 1,4-benzodiazepin-5-ones. Tetrahedron Letters, 2001, 42, 2397-2400.	0.7	42
82	A convenient synthesis of N-Fmoc-N,Nâ€²-bis-Boc-7-guanyl-1,2,3,4-tetrahydro-isoquinoline-3-carboxylic acid (Fmoc-N,Nâ€²-bis-Boc-7-guanyl-Tic-OH, GTIC). Tetrahedron Letters, 2001, 42, 3507-3509.	0.7	7
83	Microwave-enhanced solution coupling of the Î±,Î±-dialkyl amino acid, Aib. Tetrahedron Letters, 2001, 42, 5171-5173.	0.7	33
84	Peptide T revisited: conformational mimicry of epitopes of anti-HIV proteins. Journal of Peptide Science, 2001, 7, 197-207.	0.8	5
85	Probing the shape of a hydrophobic pocket in the active site of?-opioid antagonists. Journal of Peptide Science, 2001, 7, 374-385.	0.8	9
86	Synthesis of substituted benzamides as anti-inflammatory agents that inhibit preferentially cyclooxygenase 1 but do not cause gastric damage. European Journal of Medicinal Chemistry, 2001, 36, 517-530.	2.6	30
87	Synthesis by microwave irradiation and binding properties of novel 5-HT1A receptor ligands. European Journal of Medicinal Chemistry, 2001, 36, 873-886.	2.6	29
88	Synthesis and hydrolysis by cathepsin B of fluorogenic substrates with the general structure benzoyl-X-ARG-MCA containing non-natural basic amino acids at position X. BBA - Proteins and Proteomics, 2001, 1547, 82-94.	2.1	23
89	Determination of 21-hydroxydeflazacort in human plasma by high-performance liquid chromatography/atmospheric pressure chemical ionization tandem mass spectrometry. Application to bioequivalence study. , 2000, 35, 440-445.		7
90	Synthesis of new 1,2,3-benzotriazin-4-one-arylpiperazine derivatives as 5-HT 1A serotonin receptor ligands. Bioorganic and Medicinal Chemistry, 2000, 8, 533-538.	1.4	28

#	Article	IF	Citations
91	Synthesis and structureâ€“activity of antisense peptides corresponding to the region for CaM-binding domain of the inducible nitric oxide synthase1Symbols and abbreviations are in accord with recommendations from [1]. European Journal of Medicinal Chemistry, 2000, 35, 727-732.	2.6	5
92	Preparation and local anaesthetic activity of benzotriazinone and benzoyltriazole derivatives. European Journal of Medicinal Chemistry, 1999, 34, 1043-1051.	2.6	42
93	Synthesis and binding affinities for 5-HT1A, 5-HT2A and 5-HT2C receptors of a series of 1- and 2-(4-arylpiperazinylalkyl)-4-(benzoyl)-1,2,3-triazole derivatives. European Journal of Medicinal Chemistry, 1999, 34, 719-727.	2.6	17
94	Synthesis and biological activity of pseudopeptides inhibitors of Ras farnesyl transferase containing unconventional amino acids. Il Farmaco, 1999, 54, 785-790.	0.9	3
95	Pyrrolobenzoxazepinone Derivatives as Non-Nucleoside HIV-1 RT Inhibitors:Â Further Structureâ^'Activity Relationship Studies and Identification of More Potent Broad-Spectrum HIV-1 RT Inhibitors with Antiviral Activity. Journal of Medicinal Chemistry, 1999, 42, 4462-4470.	2.9	40
96	Synthesis, biological activity and conformational study of 1,4-benzoxazine derivatives as potassium channel modulators. European Journal of Medicinal Chemistry, 1998, 33, 957-967.	2.6	32
97	Phenol-derived CVFM analog inhibitors of Ras Farnesyltransferase possessing cellular in vitro activity 1. European Journal of Medicinal Chemistry, 1998, 33, 725-732.	2.6	3
98	Conformational Analysis of Three NK1 Tripeptide Antagonists:â€‰ A Proton Nuclear Magnetic Resonance Study. Journal of Medicinal Chemistry, 1997, 40, 594-601.	2.9	5
99	Synthesis and Pharmacological Activity of Deltorphin and Dermorphin-Related Glycopeptides. Journal of Medicinal Chemistry, 1997, 40, 2948-2952.	2.9	58
100	Molecular structures of quinuclidinic neurokinin antagonists: 2-(2-Phenylbenzylidene)-3-(2-X-benzylamino) derivatives. Structural Chemistry, 1996, 7, 173-181.	1.0	1
101	Synthesis and biological activity of lipocortin-5 N-terminus: An attempt to define some structural requirements for activity. International Journal of Peptide Research and Therapeutics, 1996, 3, 275-281.	0.1	0
102	Molecular structure and conformation of the (Z) and (E) geometric isomers of 2-(2-phenylbenzylidene)-3 quinuclidinone. Tetrahedron, 1995, 51, 1995-2008.	1.0	5
103	Solid-state structure and conformation of (Z)-2-(phenylbenzylidene)-3-quinuclidinone, an intermediate in the synthesis of quinuclidine derivatives. Structural Chemistry, 1994, 5, 183-188.	1.0	4
104	Perfusion of rat colon with sennosides, rhein and rheinanthrone. Concentration-related histamine release. European Journal of Pharmacology, 1990, 191, 97-99.	1.7	6