Vincenzo Calderone

List of Publications by Year
in descending order

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202 papers	5,995 citations	57631 44 h-index	118652 62 g-index
219 all docs	219 docs citations	219 times ranked	6315 citing authors

#	Article	IF	Citations
1	Arachidonic Acid Derivatives and Neuroinflammation. CNS and Neurological Disorders - Drug Targets, 2022, 21, 118-129.	0.8	19
2	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
3	Virtual Combinatorial Library Screening of Quinadoline B Derivatives against SARS-CoV-2 RNA-Dependent RNA Polymerase. Computation, 2022, 10, 7.	1.0	12
4	Kv7.4 channels regulate potassium permeability in neuronal mitochondria. Biochemical Pharmacology, 2022, 197, 114931.	2.0	8
5	Glucoraphanin Increases Intracellular Hydrogen Sulfide (H2S) Levels and Stimulates Osteogenic Differentiation in Human Mesenchymal Stromal Cell. Nutrients, 2022, 14, 435.	1.7	5
6	Beneficial Effects of Eruca sativa Defatted Seed Meal on Visceral Pain and Intestinal Damage Resulting from Colitis in Rats. Foods, 2022, 11, 580.	1.9	4
7	New Synthetic Analogues of Natural Polyphenols as Sirtuin 1-Activating Compounds. Pharmaceuticals, 2022, 15, 339.	1.7	3
8	Design and Synthesis of New Oligopeptidic Parvulin Inhibitors. ChemMedChem, 2022, , .	1.6	3
9	Adherence and Persistence to Biological Drugs for Psoriasis: Systematic Review with Meta-Analysis. Journal of Clinical Medicine, 2022, 11, 1506.	1.0	11
10	The BET Protein Inhibitor Apabetalone Rescues Diabetes-Induced Impairment of Angiogenic Response by Epigenetic Regulation of Thrombospondin-1. Antioxidants and Redox Signaling, 2022, 36, 667-684.	2.5	15
11	Potential Effects of Natural H2S-Donors in Hypertension Management. Biomolecules, 2022, 12, 581.	1.8	16
12	Covalent Reversible Inhibitors of Cysteine Proteases Containing the Nitrile Warhead: Recent Advancement in the Field of Viral and Parasitic Diseases. Molecules, 2022, 27, 2561.	1.7	17
13	Cardiovascular benefits of Eruca sativa mill. Defatted seed meal extract: Potential role of hydrogen sulfide. Phytotherapy Research, 2022, 36, 2616-2627.	2.8	13
14	In Silico Analysis of Peptide-Based Derivatives Containing Bifunctional Warheads Engaging Prime and Non-Prime Subsites to Covalent Binding SARS-CoV-2 Main Protease (Mpro). Computation, 2022, 10, 69.	1.0	3
15	Inhibitors of Mitochondrial Human Carbonic Anhydrases VA and VB as a Therapeutic Strategy against Paclitaxel-Induced Neuropathic Pain in Mice. International Journal of Molecular Sciences, 2022, 23, 6229.	1.8	8
16	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
17	Role of hydrogen sulfide in endothelial dysfunction: Pathophysiology and therapeutic approaches. Journal of Advanced Research, 2021, 27, 99-113.	4.4	64
18	Recent efforts in drug discovery on vascular inflammation and consequent atherosclerosis. Expert Opinion on Drug Discovery, 2021, 16, 411-427.	2.5	7

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19	Pharmacological modulation of the hydrogen sulfide (<scp>H₂S</scp>) system by dietary <scp>H₂S</scp>â€donors: A novel promising strategy in the prevention and treatment of type 2 diabetes mellitus. Phytotherapy Research, 2021, 35, 1817-1846.	2.8	17
20	<scp>Eruca sativa Mill</scp>. <scp>seed extract promotes antiâ€obesity and hypoglycemic effects in mice fed with</scp> a <scp>highâ€fat diet</scp>. Phytotherapy Research, 2021, 35, 1983-1990.	2.8	15
21	Therapeutic potential for coxibs-nitric oxide releasing hybrids in cystic fibrosis. European Journal of Medicinal Chemistry, 2021, 210, 112983.	2.6	4
22	NLRP3 inflammasome in cardiovascular diseases: Pathophysiological and pharmacological implications. Medicinal Research Reviews, 2021, 41, 1890-1926.	5.0	28
23	The â€œirisin systemâ€: From biological roles to pharmacological and nutraceutical perspectives. Life Sciences, 2021, 267, 118954.	2.0	29
24	Synthesis and pharmacological characterization of mitochondrial KATP channel openers with enhanced mitochondriotropic effects. Bioorganic Chemistry, 2021, 107, 104572.	2.0	10
25	Vascular Effects of the Polyphenolic Nutraceutical Supplement TaurisoloÂ®: Focus on the Protection of the Endothelial Function. Nutrients, 2021, 13, 1540.	1.7	15
26	Contribution of irisin pathway in protective effects of mandarin juice (<scp>Citrus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (reti Research, 2021, 35, 4324-4333.	2.8	11
27	Modulation of EndMT by Hydrogen Sulfide in the Prevention of Cardiovascular Fibrosis. Antioxidants, 2021, 10, 910.	2.2	24
28	The H2S-Donor Erucin Exhibits Protective Effects against Vascular Inflammation in Human Endothelial and Smooth Muscle Cells. Antioxidants, 2021, 10, 961.	2.2	24
29	Protective Effects Induced by a Hydroalcoholic Allium sativum Extract in Isolated Mouse Heart. Nutrients, 2021, 13, 2332.	1.7	15
30	Pharmacological evaluation of innovative eye drop formulations containing TS-polysaccaride, hyaluronic acid and glycyrrhizin for irritative ocular diseases using in vitro reconstituted human corneal epithelium model. Toxicology in Vitro, 2021, 75, 105199.	1.1	0
31	Palmitoylethanolamide Counteracts Enteric Inflammation and Bowel Motor Dysfunctions in a Mouse Model of Alzheimerâ€™s Disease. Frontiers in Pharmacology, 2021, 12, 748021.	1.6	13
32	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
33	Identification of novel SIRT1 activators endowed with cardioprotective profile. European Journal of Pharmaceutical Sciences, 2021, 165, 105930.	1.9	5
34	Discovery of novel hit compounds as potential HDAC1 inhibitors: The case of ligand- and structure-based virtual screening. Computers in Biology and Medicine, 2021, 137, 104808.	3.9	22
35	Improving Curcumin Bioavailability: Current Strategies and Future Perspectives. Pharmaceutics, 2021, 13, 1715.	2.0	88
36	Anomalous K_v7 channel activity in human malignant hyperthermia syndrome unmasks a key role for H₂S and persulfidation in skeletal muscle. British Journal of Pharmacology, 2020, 177, 810-823.	2.7	16

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37	Erucin exhibits vasorelaxing effects and antihypertensive activity by H₂Sâ€releasing properties. British Journal of Pharmacology, 2020, 177, 824-835.	2.7	50
38	Organic Isothiocyanates as Hydrogen Sulfide Donors. Antioxidants and Redox Signaling, 2020, 32, 110-144.	2.5	51
39	Protective Effects of Bergamot (Citrus bergamia Risso & Poiteau) Juice in Rats Fed with High-Fat Diet. Planta Medica, 2020, 86, 180-189.	0.7	14
40	By-Products from Winemaking and Olive Mill Value Chains for the Enrichment of Refined Olive Oil: Technological Challenges and Nutraceutical Features. Foods, 2020, 9, 1390.	1.9	13
41	Selective Estrogen Receptor Modulators in COVID-19: A Possible Therapeutic Option?. Frontiers in Pharmacology, 2020, 11, 1085.	1.6	20
42	Development of In Vitro Corneal Models: Opportunity for Pharmacological Testing. Methods and Protocols, 2020, 3, 74.	0.9	5
43	Cinnamides Target Leishmania amazonensis Arginase Selectively. Molecules, 2020, 25, 5271.	1.7	15
44	Role of hydrogen sulfide in cardiovascular ageing. Pharmacological Research, 2020, 160, 105125.	3.1	35
45	Amyloid Î² fibril disruption by oleuropein aglycone: long-time molecular dynamics simulation to gain insight into the mechanism of action of this polyphenol from extra virgin olive oil. Food and Function, 2020, 11, 8122-8132.	2.1	21
46	Antiâ€inflammatory and antiviral roles of hydrogen sulfide: Rationale for considering H₂S donors in COVIDâ€19 therapy. British Journal of Pharmacology, 2020, 177, 4931-4941.	2.7	63
47	Offâ€target ACE2 ligands: Possible therapeutic option for CoVidâ€19?. British Journal of Clinical Pharmacology, 2020, 86, 1178-1179.	1.1	8
48	Prodromal Intestinal Events in Alzheimerâ€™s Disease (AD): Colonic Dysmotility and Inflammation Are Associated with Enteric AD-Related Protein Deposition. International Journal of Molecular Sciences, 2020, 21, 3523.	1.8	24
49	Microbiota-gut-brain axis in health and disease: Is NLRP3 inflammasome at the crossroads of microbiota-gut-brain communications?. Progress in Neurobiology, 2020, 191, 101806.	2.8	87
50	Searching for novel hydrogen sulfide donors: The vascular effects of two thiourea derivatives. Pharmacological Research, 2020, 159, 105039.	3.1	22
51	Development of Fortified Citrus Olive Oils: From Their Production to Their Nutraceutical Properties on the Cardiovascular System. Nutrients, 2020, 12, 1557.	1.7	16
52	The Citrus Flavonoid Naringenin Protects the Myocardium from Ageing-Dependent Dysfunction: Potential Role of SIRT1. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-15.	1.9	52
53	Computer-Driven Development of an in Silico Tool for Finding Selective Histone Deacetylase 1 Inhibitors. Molecules, 2020, 25, 1952.	1.7	15
54	A Nutraceutical Strategy to Slowing Down the Progression of Cone Death in an Animal Model of Retinitis Pigmentosa. Frontiers in Neuroscience, 2019, 13, 461.	1.4	24

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55	Vascular Effects of H2S-Donors: Fluorimetric Detection of H2S Generation and Ion Channel Activation in Human Aortic Smooth Muscle Cells. Methods in Molecular Biology, 2019, 2007, 79-87.	0.4	15
56	A New Calcium Oral Controlled-Release System Based on Zeolite for Prevention of Osteoporosis. Nutrients, 2019, 11, 2467.	1.7	3
57	The Nutraceutical Value of Olive Oil and Its Bioactive Constituents on the Cardiovascular System. Focusing on Main Strategies to Slow Down Its Quality Decay during Production and Storage. Nutrients, 2019, 11, 1962.	1.7	38
58	Eruca sativa Meal against Diabetic Neuropathic Pain: An H2S-Mediated Effect of Glucoerucin. Molecules, 2019, 24, 3006.	1.7	22
59	Design and synthesis of H2S-donor hybrids: A new treatment for Alzheimer's disease?. European Journal of Medicinal Chemistry, 2019, 184, 111745.	2.6	49
60	Phytochemicals as Novel Therapeutic Strategies for NLRP3 Inflammasome-Related Neurological, Metabolic, and Inflammatory Diseases. International Journal of Molecular Sciences, 2019, 20, 2876.	1.8	67
61	Anti-metastatic Properties of Naproxen-HBTA in a Murine Model of Cutaneous Melanoma. Frontiers in Pharmacology, 2019, 10, 66.	1.6	22
62	Memantine prodrug as a new agent for Alzheimerâ€™s Disease. Scientific Reports, 2019, 9, 4612.	1.6	54
63	Anticancer Effect of a Novel H2S-Hybrid Molecule on Human Breast Adenocarcinoma (MFC-7) and Human Breast Epithelial (MCF-10A) Cell Lines. , 2019, , 315-316.		0
64	First Examples of H₂S-Releasing Glycoconjugates: Stereoselective Synthesis and Anticancer Activities. Bioconjugate Chemistry, 2019, 30, 614-620.	1.8	16
65	Anticancer properties of erucin, an H₂Sâ€releasing isothiocyanate, on human pancreatic adenocarcinoma cells (AsPCâ€1). Phytotherapy Research, 2019, 33, 845-855.	2.8	61
66	Anticancer Activities of Erucin a H2S-Donor Isothiocyanate From Eruca Sativa Mill.: Is H2S the Real Player?. , 2019, , 327-328.		1
67	Phosphorylation of AKT and ERK1/2 and mutations of PIK3CA and PTEN are predictive of breast cancer cell sensitivity to everolimus in vitro. Cancer Chemotherapy and Pharmacology, 2018, 81, 745-754.	1.1	18
68	Mercaptopyruvate acts as endogenous vasodilator independently of 3-mercaptopyruvate sulfurtransferase activity. Nitric Oxide - Biology and Chemistry, 2018, 75, 53-59.	1.2	37
69	1,2,4-Thiadiazolidin-3,5-diones as novel hydrogen sulfide donors. European Journal of Medicinal Chemistry, 2018, 143, 1677-1686.	2.6	38
70	The Role of Hydrogen Sulfide and H2S-donors in Myocardial Protection Against Ischemia/Reperfusion Injury. Current Medicinal Chemistry, 2018, 25, 4380-4401.	1.2	61
71	Efficacy of isothiocyanate-based compounds on different forms of persistent pain. Journal of Pain Research, 2018, Volume 11, 2905-2913.	0.8	19
72	Matrix metalloproteinase-12 inhibitors: synthesis, structure-activity relationships and intestinal absorption of novel sugar-based biphenylsulfonamide carboxylates. Bioorganic and Medicinal Chemistry, 2018, 26, 5804-5815.	1.4	14

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73	Effect of glucoraphanin and sulforaphane against chemotherapyâ€induced neuropathic pain: Kv7 potassium channels modulation by H₂S release in vivo. Phytotherapy Research, 2018, 32, 2226-2234.	2.8	61
74	Antioxidant and Antisenescence Effects of Bergamot Juice. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-14.	1.9	42
75	Pathophysiological Role of Mitochondrial Potassium Channels and their Modulation by Drugs. Current Medicinal Chemistry, 2018, 25, 2661-2674.	1.2	11
76	The Renal Outer Medullary Potassium Channel (ROMK): An Intriguing Pharmacological Target for an Innovative Class of Diuretic Drugs. Current Medicinal Chemistry, 2018, 25, 2627-2636.	1.2	4
77	CHAPTER 8. Stevia rebaudiana Bertoni: Beyond Its Use as a Sweetener. Pharmacological and Toxicological Profile of Steviol Glycosides of Stevia rebaudiana Bertoni. Food Chemistry, Function and Analysis, 2018, , 148-161.	0.1	1
78	Effects of natural and synthetic isothiocyanate-based H 2 S-releasers against chemotherapy-induced neuropathic pain: Role of Kv7 potassium channels. Neuropharmacology, 2017, 121, 49-59.	2.0	90
79	A Novel H2S-releasing Amino-Bisphosphonate which combines bone anti-catabolic and anabolic functions. Scientific Reports, 2017, 7, 11940.	1.6	33
80	Iminothioethers as Hydrogen Sulfide Donors: From the Gasotransmitter Release to the Vascular Effects. Journal of Medicinal Chemistry, 2017, 60, 7512-7523.	2.9	48
81	Mitochondriotropic and Cardioprotective Effects of Triphenylphosphonium-Conjugated Derivatives of the Diterpenoid Isosteviol. International Journal of Molecular Sciences, 2017, 18, 2060.	1.8	24
82	The Hydrogen Sulfide Releasing Molecule Acetyl Deacylasadisulfide Inhibits Metastatic Melanoma. Frontiers in Pharmacology, 2017, 8, 65.	1.6	22
83	The Citrus Flavanone Naringenin Produces Cardioprotective Effects in Hearts from 1 Year Old Rat, through Activation of mitoBK Channels. Frontiers in Pharmacology, 2017, 8, 71.	1.6	39
84	Nutraceutical Value of Citrus Flavanones and Their Implications in Cardiovascular Disease. Nutrients, 2017, 9, 502.	1.7	121
85	The Citrus Flavanone Naringenin Protects Myocardial Cells against Age-Associated Damage. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	1.9	58
86	Voltage-operated potassium (Kv) channels contribute to endothelium-dependent vasorelaxation of carvacrol on rat aorta. Journal of Pharmacy and Pharmacology, 2016, 68, 1177-1183.	1.2	8
87	A Series of COXâ€2 Inhibitors Endowed with NOâ€Releasing Properties: Synthesis, Biological Evaluation, and Docking Analysis. ChemMedChem, 2016, 11, 1804-1811.	1.6	6
88	The novel H 2 S-donor 4-carboxyphenyl isothiocyanate promotes cardioprotective effects against ischemia/reperfusion injury through activation of mitoK ATP channels and reduction of oxidative stress. Pharmacological Research, 2016, 113, 290-299.	3.1	71
89	Cystathionine Î²-synthase-derived hydrogen sulfide is involved in human malignant hyperthermia. Clinical Science, 2016, 130, 35-44.	1.8	19
90	The novel H₂S donor 4â€carboxyâ€phenyl isothiocyanate inhibits mast cell degranulation and renin release by decreasing intracellular calcium. British Journal of Pharmacology, 2016, 173, 3222-3234.	2.7	31

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91	<scp>d</scp>â€Penicillamine modulates hydrogen sulfide (<scp>H₂S</scp>) pathway through selective inhibition of cystathionineâ€Î³â€lyase. British Journal of Pharmacology, 2016, 173, 1556-1565.	2.7	32
92	Using hydrogen sulfide to design and develop drugs. Expert Opinion on Drug Discovery, 2016, 11, 163-175.	2.5	49
93	Expression and function of Kv7.4 channels in rat cardiac mitochondria: possible targets for cardioprotection. Cardiovascular Research, 2016, 110, 40-50.	1.8	65
94	Synthesis and evaluation of multi-functional NO-donor/insulin-secretagogue derivatives for the treatment of type II diabetes and its cardiovascular complications. Bioorganic and Medicinal Chemistry, 2015, 23, 422-428.	1.4	6
95	Inhibitors of the renal outer medullary potassium channel: a patent review. Expert Opinion on Therapeutic Patents, 2015, 25, 1035-1051.	2.4	9
96	Hydrogen sulfide inhalation ameliorates allergen induced airway hypereactivity by modulating mast cell activation. Pharmacological Research, 2015, 100, 85-92.	3.1	43
97	Different patterns of H2S/NO activity and cross-talk in the control of the coronary vascular bed under normotensive or hypertensive conditions. Nitric Oxide - Biology and Chemistry, 2015, 47, 25-33.	1.2	28
98	Design and synthesis of 2-oxindole based multi-targeted inhibitors of PDK1/Akt signaling pathway for the treatment of glioblastoma multiforme. European Journal of Medicinal Chemistry, 2015, 105, 274-288.	2.6	37
99	Mitochondrial Potassium Channels as Pharmacological Target for Cardioprotective Drugs. Medicinal Research Reviews, 2015, 35, 520-553.	5.0	63
100	Hydrogen Sulfide Releasing Capacity of Natural Isothiocyanates: Is It a Reliable Explanation for the Multiple Biological Effects of Brassicaceae?. Planta Medica, 2014, 80, 610-613.	0.7	86
101	NSAID-Induced Enteropathy: Are the Currently Available Selective COX-2 Inhibitors All the Same?. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 86-95.	1.3	44
102	Hydrogen sulfide accounts for the peripheral vascular effects of zofenopril independently of ACE inhibition. Cardiovascular Research, 2014, 102, 138-147.	1.8	88
103	Enhancing the pharmacodynamic profile of a class of selective COX-2 inhibiting nitric oxide donors. Bioorganic and Medicinal Chemistry, 2014, 22, 772-786.	1.4	25
104	Pharmacological characterization of the vascular effects of aryl isothiocyanates: Is hydrogen sulfide the real player?. Vascular Pharmacology, 2014, 60, 32-41.	1.0	86
105	Arylthioamides as H₂S Donors: <scp>l</scp>-Cysteine-Activated Releasing Properties and Vascular Effects in Vitro and in Vivo. ACS Medicinal Chemistry Letters, 2013, 4, 904-908.	1.3	144
106	1,4-Benzothiazine ATP-Sensitive Potassium Channel Openers: Modifications at the C-2 and C-6 Positions. Journal of Medicinal Chemistry, 2013, 56, 4718-4728.	2.9	20
107	Cardioprotective effects of different flavonoids against myocardial ischaemia/reperfusion injury in Langendorff-perfused rat hearts. Journal of Pharmacy and Pharmacology, 2013, 65, 750-756.	1.2	80
108	Protective effect of high-dose montelukast on salbutamol-induced homologous desensitisation in airway smooth muscle. Pulmonary Pharmacology and Therapeutics, 2013, 26, 693-699.	1.1	11

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109	The activation of mitochondrial BK potassium channels contributes to the protective effects of naringenin against myocardial ischemia/reperfusion injury. Biochemical Pharmacology, 2013, 85, 1634-1643.	2.0	85
110	The novel anti-inflammatory agent VA694, endowed with both NO-releasing and COX2-selective inhibiting properties, exhibits NO-mediated positive effects on blood pressure, coronary flow and endothelium in an experimental model of hypertension and endothelial dysfunction. Pharmacological Research, 2013, 78, 1-9.	3.1	32
111	Large conductance Ca2+-activated K+ channel (BKCa) activating properties of a series of novel N-arylbenzamides: Channel subunit dependent effects. Bioorganic and Medicinal Chemistry, 2013, 21, 4186-4191.	1.4	8
112	Vasorelaxation by hydrogen sulphide involves activation of Kv7 potassium channels. Pharmacological Research, 2013, 70, 27-34.	3.1	105
113	Novel Analgesic/Anti-Inflammatory Agents: 1,5-Diarylpyrrole Nitrooxyalkyl Ethers and Related Compounds as Cyclooxygenase-2 Inhibiting Nitric Oxide Donors. Journal of Medicinal Chemistry, 2013, 56, 3191-3206.	2.9	43
114	Hydrogen Sulphide: Biopharmacological Roles in the Cardiovascular System and Pharmaceutical Perspectives. Current Medicinal Chemistry, 2012, 19, 3325-3336.	1.2	45
115	Hydrogen sulphide: novel opportunity for drug discovery. Medicinal Research Reviews, 2012, 32, 1093-1130.	5.0	144
116	Improving the solubility of a new class of antiinflammatory pharmacodynamic hybrids, that release nitric oxide and inhibit cycloxygenase-2 isoenzyme. European Journal of Medicinal Chemistry, 2012, 58, 287-298.	2.6	16
117	Differential Effects of Fondaparinux and Bemiparin on Angiogenic and Vasculogenesis-like processes. Thrombosis Research, 2012, 130, e113-e122.	0.8	6
118	Novel Analgesic/Anti-Inflammatory Agents: Diarylpyrrole Acetic Esters Endowed with Nitric Oxide Releasing Properties. Journal of Medicinal Chemistry, 2011, 54, 7759-7771.	2.9	42
119	Synthesis and biological evaluation of 5-membered spiro heterocycle-benzopyran derivatives against myocardial ischemia. European Journal of Medicinal Chemistry, 2011, 46, 966-973.	2.6	18
120	Hormonal influence on the release of endothelial nitric oxide: gender-related dimorphic sensitivity of rat aorta for noradrenaline. Journal of Pharmacy and Pharmacology, 2010, 54, 523-528.	1.2	15
121	Drug-induced block of cardiac HERG potassium channels and development of torsade de pointes arrhythmias: the case of antipsychotics. Journal of Pharmacy and Pharmacology, 2010, 57, 151-161.	1.2	23
122	Evaluation of the NO-releasing properties of NO-donor linkers. Journal of Pharmacy and Pharmacology, 2010, 60, 189-195.	1.2	6
123	Anti-ischaemic activity of an antioxidant aldose reductase inhibitor on diabetic and non-diabetic rat hearts. Journal of Pharmacy and Pharmacology, 2010, 62, 107-113.	1.2	6
124	Effects of K_{ATP}openers on the QT prolongation induced by HERG-blocking drugs in guinea-pigs. Journal of Pharmacy and Pharmacology, 2010, 62, 924-930.	1.2	14
125	Anti-ischemic properties of a new spiro-cyclic benzopyran activator of the cardiac mito-KATP channel. Biochemical Pharmacology, 2010, 79, 39-47.	2.0	35
126	Synthesis of heterocycle-based analogs of resveratrol and their antitumor and vasorelaxing properties. Bioorganic and Medicinal Chemistry, 2010, 18, 6715-6724.	1.4	30

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127	Quantitative Structureâ€“Activity Relationship Models for Predicting Biological Properties, Developed by Combining Structureâ€•and Ligandâ€Based Approaches: An Application to the Human Etherâ€aâ€goâ€goâ€Related Gene Potassium Channel Inhibition. Chemical Biology and Drug Design, 2009, 74, 416-433.	1.6	6
128	QSAR studies on BK channel activators. Bioorganic and Medicinal Chemistry, 2009, 17, 319-325.	1.4	16
129	Predictive models, based on classification algorithms, for compounds potentially active as mitochondrial ATP-sensitive potassium channel openers. Bioorganic and Medicinal Chemistry, 2009, 17, 5565-5571.	1.4	26
130	NO-glibenclamide derivatives: Prototypes of a new class of nitric oxide-releasing anti-diabetic drugs. Bioorganic and Medicinal Chemistry, 2009, 17, 5426-5432.	1.4	28
131	Enantioselectivity in Cardioprotection induced by (S)-(â˜)-2,2-Dimethyl-N-(4â€²-acetamido-benzyl)-4-spiromorpholone-chromane. Journal of Medicinal Chemistry, 2009, 52, 1477-1480.	2.9	14
132	Pharmacodynamic Hybrids Coupling Established Cardiovascular Mechanisms of Action with Additional Nitric Oxide Releasing Properties. Current Pharmaceutical Design, 2009, 15, 614-636.	0.9	28
133	New amido derivatives as potential BKCa potassium channel activators. XI. European Journal of Medicinal Chemistry, 2008, 43, 792-799.	2.6	2
134	N6-1,3-Diphenylurea derivatives of 2-phenyl-9-benzyladenines and 8-azaadenines: Synthesis and biological evaluation as allosteric modulators of A2A adenosine receptors. European Journal of Medicinal Chemistry, 2008, 43, 1639-1647.	2.6	26
135	Identification of â€œtoxicophoricâ€•features for predicting drug-induced QT interval prolongation. European Journal of Medicinal Chemistry, 2008, 43, 2479-2488.	2.6	18
136	1,2,3-Triazol-carboxanilides and 1,2,3-triazol-(N-benzyl)-carboxamides as BK-potassium channel activators. XII. European Journal of Medicinal Chemistry, 2008, 43, 2618-2626.	2.6	20
137	Spirocyclic Benzopyran-Based Derivatives as New Anti-ischemic Activators of Mitochondrial ATP-Sensitive Potassium Channel. Journal of Medicinal Chemistry, 2008, 51, 6945-6954.	2.9	25
138	An update on hybrid drugs in cardiovascular drug research. Expert Opinion on Drug Discovery, 2008, 3, 1397-1408.	2.5	4
139	Novel 1,4-Benzothiazine Derivatives as Large Conductance Ca2+-Activated Potassium Channel Openers. Journal of Medicinal Chemistry, 2008, 51, 5085-5092.	2.9	29
140	New Emerging Prospects in the Pharmacotherapy of Hypertension. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2008, 6, 1-19.	0.4	6
141	Novel N-Substituted Indol-3-ylglyoxylamides Probing the LDiand L1/L2Lipophilic Regions of the Benzodiazepine Receptor Site in Search for Subtype-Selective Ligandsâ€. Journal of Medicinal Chemistry, 2007, 50, 1627-1634.	2.9	21
142	QT prolongation in guinea pigs for preliminary screening of torsadogenicity of drugs and drug-candidates. II. Journal of Applied Toxicology, 2007, 27, 270-275.	1.4	15
143	In vivo adenosine A2B receptor desensitization in guinea-pig airway smooth muscle: Implications for asthma. European Journal of Pharmacology, 2007, 575, 149-157.	1.7	11
144	Functional contribution of the endothelial component to the vasorelaxing effect of resveratrol and NS 1619, activators of the large-conductance calcium-activated potassium channels. Naunyn-Schmiedeberg's Archives of Pharmacology, 2007, 375, 73-80.	1.4	20

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145	Proposal of a New Binding Orientation for Non-Peptide AT1 Antagonists:Â Homology Modeling, Docking and Three-Dimensional Quantitative Structureâ"Activity Relationship Analysis. Journal of Medicinal Chemistry, 2006, 49, 4305-4316.	2.9	72
146	New Benzopyran-Based Openers of the Mitochondrial ATP-Sensitive Potassium Channel with Potent Anti-Ischemic Properties. Journal of Medicinal Chemistry, 2006, 49, 7600-7602.	2.9	46
147	(+/â")â€Naringenin as large conductance Ca 2+ â€activated K + (BK Ca) channel opener in vascular smooth muscle cells. British Journal of Pharmacology, 2006, 149, 1013-1021.	2.7	109
148	Heterocyclic analogs ofÂbenzanilide derivatives asÂpotassium channel activators. IX. European Journal of Medicinal Chemistry, 2006, 41, 761-767.	2.6	24
149	Structural modifications of benzanilide derivatives, effective potassium channel openers. X.. European Journal of Medicinal Chemistry, 2006, 41, 1421-1429.	2.6	20
150	Prediction of hERG potassium channel affinity by the CODESSA approach. Bioorganic and Medicinal Chemistry, 2006, 14, 3153-3159.	1.4	56
151	New NO-Releasing Pharmacodynamic Hybrids of Losartan and Its Active Metabolite:Â Design, Synthesis, and Biopharmacological Properties. Journal of Medicinal Chemistry, 2006, 49, 2628-2639.	2.9	54
152	Editorial [Hot Topic: Potassium Channels (Guest Editor: Dr. Vincenzo Calderone)]. Current Topics in Medicinal Chemistry, 2006, 6, 997-998.	1.0	1
153	NO-Releasing Hybrids of Cardiovascular Drugs. Current Medicinal Chemistry, 2006, 13, 609-625.	1.2	33
154	Potassium Channel Openers: The Case of BK Channel Activators. Letters in Drug Design and Discovery, 2006, 3, 210-218.	0.4	17
155	Benzoyl and/or benzyl substituted 1,2,3-triazoles as potassium channel activators. VIII. European Journal of Medicinal Chemistry, 2005, 40, 521-528.	2.6	47
156	1,4- and 2,4-substituted-1,2,3-triazoles as potential potassium channel activators. VII. Il Farmaco, 2005, 60, 367-375.	0.9	10
157	1,4- and 2,4-Substituted-1,2,3-triazoles as Potential Potassium Channel Activators. Part 7.. ChemInform, 2005, 36, no.	0.1	0
158	Benzoyl and/or Benzyl Substituted 1,2,3-Triazoles as Potassium Channel Activators. Part 8.. ChemInform, 2005, 36, no.	0.1	0
159	Morphiceptin Analogues Containing a Dipeptide Mimetic Structure:Â An Investigation on the Bioactive Topology at the Î¼-Receptor. Journal of Medicinal Chemistry, 2005, 48, 3153-3163.	2.9	16
160	Torsadogenic Cardiotoxicity of Antipsychotic Drugs: a Structural Feature, Potentially Involved in the Interaction with Cardiac HERG Potassium Channels. Current Medicinal Chemistry, 2004, 11, 2691-2706.	1.2	48
161	1,5-Diarylsubstituted 1,2,3-triazoles as potassium channel activators. VI. Il Farmaco, 2004, 59, 397-404.	0.9	44
162	Vasorelaxing effects of flavonoids: investigation on the possible involvement of potassium channels. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 370, 290-298.	1.4	121

#	Article	IF	Citations
163	QT prolongation in anaesthetized guinea-pigs: an experimental approach for preliminary screening of torsadogenicity of drugs and drug candidates. Journal of Applied Toxicology, 2004, 24, 217-222.	1.4	42
164	1,5-Diarylsubstituted 1,2,3-Triazoles as Potassium Channel Activators. Part 6.. ChemInform, 2004, 35, no.	0.1	0
165	Synthesis and Biological Activity of Novel Substituted Benzanilides as Potassium Channel Activators. Part 5.. ChemInform, 2004, 35, no.	0.1	0
166	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.	1.4	36
167	Synthesis and biological activity of novel substituted benzanilides as potassium channel activators. V. European Journal of Medicinal Chemistry, 2004, 39, 491-498.	2.6	42
168	NO-Sartans:Â A New Class of Pharmacodynamic Hybrids as Cardiovascular Drugs. Journal of Medicinal Chemistry, 2004, 47, 5597-5600.	2.9	45
169	Vasodilator activity of Michelia figo Spreng. (Magnoliaceae) by in vitro functional study. Journal of Ethnopharmacology, 2004, 91, 263-266.	2.0	13
170	R(+)-methanandamide inhibits tracheal response to endogenously released acetylcholine via capsazepine-sensitive receptors. European Journal of Pharmacology, 2003, 459, 75-81.	1.7	9
171	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.	1.4	16
172	Highly Potent 1,4-Benzothiazine Derivatives as KATP-Channel Openers. Journal of Medicinal Chemistry, 2003, 46, 3670-3679.	2.9	48
173	The Xanthones Gentiacaulein and Gentiakochianin are Responsible for the Vasodilator Action of the Roots ofGentiana kochiana. Planta Medica, 2003, 69, 770-772.	0.7	21
174	Natural Modulators of Large-Conductance Calcium-Activated Potassium Channels. Planta Medica, 2003, 69, 885-892.	0.7	43
175	Large-Conductance, Ca2+-Activated K+ Channels: Function, Pharmacology and Drugs. Current Medicinal Chemistry, 2002, 9, 1385-1395.	1.2	97
176	Vasodilator activity of crude methanolic extract of Gentiana kokiana Perr. et Song. (Gentianaceae). Journal of Ethnopharmacology, 2002, 79, 369-372.	2.0	13
177	Cardiovascular effects of Urtica dioica L. (Urticaceae) roots extracts: in vitro and in vivo pharmacological studies. Journal of Ethnopharmacology, 2002, 81, 105-109.	2.0	102
178	Conformationally restrained analogues of sympathomimetic catecholamines. European Journal of Medicinal Chemistry, 2002, 37, 11-22.	2.6	4
179	Synthesis and evaluation of antihypertensive activity of 1,8-naphthyridine derivatives. Part X. European Journal of Medicinal Chemistry, 2001, 36, 925-934.	2.6	28
180	Adenosine-mediated hypotension in in vivo guinea-pig: receptors involved and role of NO. British Journal of Pharmacology, 2001, 134, 745-752.	2.7	11

#	Article	IF	Citations
181	New 5-substituted-1-(2-hydroxybenzoyl)-benzotriazoles, potassium channel activators. IV. Il Farmaco, 2001, 56, 827-834.	0.9	23
182	Some structural changes on triazolyl-benzotriazoles and triazolyl-benzimidazolones as potential potassium channel activators. III. Il Farmaco, 2001, 56, 841-849.	0.9	29
183	1-(1,2,3-triazol-4-yl)-benzimidazolones, a new series of heterocyclic derivatives. Journal of Heterocyclic Chemistry, 2000, 37, 1169-1176.	1.4	10
184	Triazolylâ€“benzimidazolones and triazolylâ€“benzotriazoles: new potential potassium channel activators. II. European Journal of Medicinal Chemistry, 2000, 35, 949-955.	2.6	29
185	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.	2.6	94
186	5-(4â€²-Substituted-2â€²-nitroanilino)-1,2,3-triazoles as new potential potassium channel activators. I. European Journal of Medicinal Chemistry, 2000, 35, 715-720.	2.6	36
187	Synthesis of 1,8-naphthyridine derivatives: potential antihypertensive agents â€“ Part VIII. European Journal of Medicinal Chemistry, 1999, 34, 505-513.	2.6	17
188	Experimental and theoretical comparisons between the classical Schild analysis and a new alternative method to evaluate the p A 2 of competitive antagonists. Naunyn-Schmiedeberg's Archives of Pharmacology, 1999, 360, 477-487.	1.4	3
189	Condensation of substituted 2â€aminopyridine with Î²â€ketocarboxylic esters: 4Hâ€pyrido[1,2â€a]pyrimidinâ€4â€ones and pyridinâ€2â€ones. Journal of Heterocyclic Chemistry, 1999, 36, 1123-1127.	1.4	5
190	Antiviral properties of a crude extract from a green alga Caulerpa taxifolia (Vahl) C. Agardh. , 1999, 13, 245-247.		20
191	Vascular effects of aqueous crude extracts of Artemisia verlotorum Lamotte (Compositae): in vivo and in vitro pharmacological studies in rats. , 1999, 13, 645-648.		22
192	Stereoselective synthesis and Î²-blocking activity of substituted (E)- and (Z)-4(1H)-[1-(3-alkylamino-2-hydroxypropyl)oximino]-2,3-dihydro-1,8-naphthyridine. Potential antihypertensive agents. Part VI. European Journal of Medicinal Chemistry, 1998, 32, 955-963.	2.6	15
193	An alternative method to evaluate the nature of an antagonist and its potency: a theoretical approach. Journal of Pharmacological and Toxicological Methods, 1998, 39, 129-135.	0.3	3
194	A simplified empirical approach to evaluate the dissociation constant of a full agonist by the irreversible receptor inactivation method. Journal of Pharmacological and Toxicological Methods, 1998, 40, 57-62.	0.3	2
195	Intrinsic activity and EC50: the simplest tools for the evaluation of the dissociation constant of a partial agonist. Journal of Pharmacological and Toxicological Methods, 1998, 40, 207-210.	0.3	2
196	In vitro antiviral effects of an aqueous extract ofArtemisia verlotorum Lamotte (Asteraceae). , 1998, 12, 595-597.		7
197	Influence of depolarization on vasorelaxant potency and efficacy of Ca2+ entry blockers, K+ channel openers, nitrate derivatives, salbutamol and papaverine in rat aortic rings. Naunyn-Schmiedeberg's Archives of Pharmacology, 1998, 358, 452-463.	1.4	29
198	Synthesis of 1,8-naphthyridine derivatives: Potential antihypertensive agents â€” Part VII. European Journal of Medicinal Chemistry, 1998, 33, 383-397.	2.6	49

#	Article	IF	Citations
199	Synthesis and Î±-adrenergic and I1-imidazoline activity of 3-phenylpiperidines dimethyl-substituted on the phenyl ring. European Journal of Medicinal Chemistry, 1998, 33, 911-919.	2.6	6
200	Pharmacological action of aqueous crude extracts ofArtemisia verlotorum Lamotte (Compositae). , 1997, 11, 612-614.		4
201	A modified aortic multiple-ring preparation for functional studies. Journal of Pharmacological and Toxicological Methods, 1996, 35, 131-138.	0.3	17
202	Epi-Drugs in Heart Failure. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	17