

Fiorentina Roviezzo

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,769
citations

147566

31
h-index

123241

61
g-index

81
all docs

81
docs citations

81
times ranked

5702
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo delivery of the caveolin-1 scaffolding domain inhibits nitric oxide synthesis and reduces inflammation. <i>Nature Medicine</i> , 2000, 6, 1362-1367.	15.2	519
2	Aberrant inflammation and resistance to glucocorticoids in Annexin 1 ^{-/-} Mouse. <i>FASEB Journal</i> , 2003, 17, 253-255.	0.2	349
3	Carrageenan-induced mouse paw oedema is biphasic, age-weight dependent and displays differential nitric oxide cyclooxygenase-2 expression. <i>British Journal of Pharmacology</i> , 2004, 142, 331-338.	2.7	336
4	Hydrogen Sulfide Is an Endogenous Inhibitor of Phosphodiesterase Activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1998-2004.	1.1	300
5	Angiotensin-2 Causes Inflammation in Vivo by Promoting Vascular Leakage. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 314, 738-744.	1.3	200
6	Biosynthesis of H ₂ S is impaired in non-obese diabetic (NOD) mice. <i>British Journal of Pharmacology</i> , 2008, 155, 673-680.	2.7	150
7	Endothelial nitric oxide synthase activation is critical for vascular leakage during acute inflammation in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 904-908.	3.3	140
8	Endogenous metabolites of vitamin E limit inflammation by targeting 5-lipoxygenase. <i>Nature Communications</i> , 2018, 9, 3834.	5.8	101
9	Human eosinophil chemotaxis and selective in vivo recruitment by sphingosine 1-phosphate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11170-11175.	3.3	94
10	Sphingosine-1-Phosphate/Sphingosine Kinase Pathway Is Involved in Mouse Airway Hyperresponsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 757-762.	1.4	94
11	Systemic Administration of Sphingosine-1-Phosphate Increases Bronchial Hyperresponsiveness in the Mouse. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 42, 572-577.	1.4	66
12	Geldanamycin, an inhibitor of heat shock protein 90 (Hsp90) mediated signal transduction has anti-inflammatory effects and interacts with glucocorticoid receptor in vivo. <i>British Journal of Pharmacology</i> , 2000, 131, 13-16.	2.7	64
13	Recent advances in the search for novel 5-lipoxygenase inhibitors for the treatment of asthma. <i>European Journal of Medicinal Chemistry</i> , 2018, 153, 65-72.	2.6	64
14	Glucocorticoid Receptor Nitration Leads to Enhanced Anti-Inflammatory Effects of Novel Steroid Ligands. <i>Journal of Immunology</i> , 2003, 171, 3245-3252.	0.4	63
15	Sitagliptin reduces inflammation, fibrosis and preserves diastolic function in a rat model of heart failure with preserved ejection fraction. <i>British Journal of Pharmacology</i> , 2017, 174, 4070-4086.	2.7	58
16	Diabetic Mouse Angiopathy Is Linked to Progressive Sympathetic Receptor Deletion Coupled to an Enhanced Caveolin-1 Expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 721-726.	1.1	55
17	Hydrogen Sulphide Is Involved in Testosterone Vascular Effect. <i>European Urology</i> , 2009, 56, 378-384.	0.9	45
18	Tedanol: A potent anti-inflammatory ent-pimarane diterpene from the Caribbean Sponge <i>Tedania ignis</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7542-7547.	1.4	45

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19	17- β -oestradiol-induced vasorelaxation in vitro is mediated by eNOS through hsp90 and akt/pkb dependent mechanism. <i>British Journal of Pharmacology</i> , 2002, 135, 1695-1700.	2.7	43
20	Hydrogen sulfide inhalation ameliorates allergen induced airway hypereactivity by modulating mast cell activation. <i>Pharmacological Research</i> , 2015, 100, 85-92.	3.1	43
21	Beneficial effects of ACE-inhibition with zofenopril on plaque formation and low-density lipoprotein oxidation in watanabe heritable hyperlipidemic rabbits. <i>General Pharmacology</i> , 1999, 33, 467-477.	0.7	42
22	Sphingosine-1-Phosphate Modulates Vascular Permeability and Cell Recruitment in Acute Inflammation In Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 337, 830-837.	1.3	40
23	Effects of sex hormones on bronchial reactivity during the menstrual cycle. <i>BMC Pulmonary Medicine</i> , 2014, 14, 108.	0.8	39
24	Protective role of PI3-kinase-Akt-eNOS signalling pathway in intestinal injury associated with splanchnic artery occlusion shock. <i>British Journal of Pharmacology</i> , 2007, 151, 377-383.	2.7	37
25	Proteinase-Activated Receptor-2 Mediates Arterial Vasodilation in Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2349-2354.	1.1	36
26	Essential requirement for sphingosine kinase activity in eNOS-dependent NO release and vasorelaxation. <i>FASEB Journal</i> , 2006, 20, 340-342.	0.2	36
27	Novel series of benzoquinones with high potency against 5-lipoxygenase in human polymorphonuclear leukocytes. <i>European Journal of Medicinal Chemistry</i> , 2015, 94, 132-139.	2.6	36
28	Palmitoylethanolamide Supplementation during Sensitization Prevents Airway Allergic Symptoms in the Mouse. <i>Frontiers in Pharmacology</i> , 2017, 8, 857.	1.6	35
29	Adiponectin in Asthma: Implications for Phenotyping. <i>Current Protein and Peptide Science</i> , 2015, 16, 182-187.	0.7	35
30	S1P-induced airway smooth muscle hyperresponsiveness and lung inflammation in vivo: molecular and cellular mechanisms. <i>British Journal of Pharmacology</i> , 2015, 172, 1882-1893.	2.7	34
31	A protective role for proteinase activated receptor 2 in airways of lipopolysaccharide-treated rats. <i>Biochemical Pharmacology</i> , 2005, 71, 223-230.	2.0	32
32	Activation of protease-activated receptor-2 reduces airways inflammation in experimental allergic asthma. <i>Clinical and Experimental Allergy</i> , 2007, 37, 070816152708002-???	1.4	31
33	Salvinorin A Inhibits Airway Hyperreactivity Induced by Ovalbumin Sensitization. <i>Frontiers in Pharmacology</i> , 2017, 7, 525.	1.6	28
34	Elucidation of the molecular mechanism and the efficacy in vivo of a novel 1,4-benzoquinone that inhibits 5-lipoxygenase. <i>British Journal of Pharmacology</i> , 2014, 171, 2399-2412.	2.7	26
35	The hallucinogenic diterpene salvinorin A inhibits leukotriene synthesis in experimental models of inflammation. <i>Pharmacological Research</i> , 2016, 106, 64-71.	3.1	25
36	Optimization of benzoquinone and hydroquinone derivatives as potent inhibitors of human 5-lipoxygenase. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 715-726.	2.6	25

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37	B Cell Depletion Increases Sphingosine-1-Phosphate-Dependent Airway Inflammation in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 571-583.	1.4	24
38	Peripheral relaxant activity of apomorphine and of a D1 selective receptor agonist on human corpus cavernosum strips. <i>International Journal of Impotence Research</i> , 2005, 17, 127-133.	1.0	23
39	Nociceptin/orphanin FQ receptor activation decreases the airway hyperresponsiveness induced by allergen in sensitized mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L657-L664.	1.3	22
40	Crosstalk between toll-like receptor 4 (TLR4) and proteinase-activated receptor 2 (PAR2) is involved in vascular function. <i>British Journal of Pharmacology</i> , 2013, 168, 411-420.	2.7	20
41	Disodium cromoglycate inhibits asthma-like features induced by sphingosine-1-phosphate. <i>Pharmacological Research</i> , 2016, 113, 626-635.	3.1	20
42	Leukotriene-mediated sex dimorphism in murine asthma-like features during allergen sensitization. <i>Pharmacological Research</i> , 2019, 139, 182-190.	3.1	20
43	Protease-activated receptor-2 (PAR2) in cardiovascular system. <i>Vascular Pharmacology</i> , 2005, 43, 247-253.	1.0	19
44	A vitamin E long-chain metabolite and the inspired drug candidate Î±-amplexichromanol relieve asthma features in an experimental model of allergen sensitization. <i>Pharmacological Research</i> , 2022, 181, 106250.	3.1	19
45	Toll-Like Receptor 4 Is Essential for the Expression of Sphingosine-1-Phosphate-Dependent Asthma-Like Disease in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 1336.	2.2	16
46	Discovery of a benzenesulfonamide-based dual inhibitor of microsomal prostaglandin E2 synthase-1 and 5-lipoxygenase that favorably modulates lipid mediator biosynthesis in inflammation. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 815-830.	2.6	15
47	Functional contribution of sphingosine-1-phosphate to airway pathology in cigarette smoke-exposed mice. <i>British Journal of Pharmacology</i> , 2020, 177, 267-281.	2.7	15
48	Synthesis and pharmacological evaluation of peptide-mimetic protease-activated receptor-1 antagonists containing novel heterocyclic scaffolds. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 6009-6020.	1.4	14
49	Montelukast Improves Symptoms and Lung Function in Asthmatic Women Compared With Men. <i>Frontiers in Pharmacology</i> , 2019, 10, 1094.	1.6	14
50	ACE-inhibition ameliorates vascular reactivity and delays diabetes outcome in NOD mice. <i>Vascular Pharmacology</i> , 2008, 49, 84-90.	1.0	13
51	Sphingosine-1-phosphate/TGFÎ² axis drives epithelial mesenchymal transition in asthma-like disease. <i>British Journal of Pharmacology</i> , 2022, 179, 1753-1768.	2.7	13
52	Urotensin II: A Novel Target in Human Corpus Cavernosum. <i>Journal of Sexual Medicine</i> , 2010, 7, 1778-1786.	0.3	12
53	The Inhibition of Caspase-1 Does Not Revert Particulate Matter (PM)-Induced Lung Immunesuppression in Mice. <i>Frontiers in Immunology</i> , 2019, 10, 1329.	2.2	11
54	Caspase-11 and AIM2 inflammasome are involved in smoking-induced COPD and lung adenocarcinoma. <i>Oncotarget</i> , 2021, 12, 1057-1071.	0.8	11

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55	5 α -dihydrotestosterone abrogates sex bias in asthma like features in the mouse. <i>Pharmacological Research</i> , 2020, 158, 104905.	3.1	11
56	Nociceptin reduces the inflammatory immune microenvironment in a conventional murine model of airway hyperresponsiveness. <i>Clinical and Experimental Allergy</i> , 2017, 47, 208-216.	1.4	10
57	Exacerbation of Allergic Airway Inflammation in Mice Lacking Ecto-5 β -Nucleotidase (CD73). <i>Frontiers in Pharmacology</i> , 2020, 11, 589343.	1.6	10
58	Identification of a pepducin acting as S1P ₃ receptor antagonist. <i>Journal of Peptide Science</i> , 2013, 19, 717-724.	0.8	9
59	Role of adiponectin in sphingosine-1-phosphate induced airway hyperresponsiveness and inflammation. <i>Pharmacological Research</i> , 2016, 103, 114-122.	3.1	8
60	Nociceptin/Orphanin Fq in inflammation and remodeling of the small airways in experimental model of airway hyperresponsiveness. <i>Physiological Reports</i> , 2018, 6, e13906.	0.7	8
61	Skeletal Muscle Oxidative Metabolism in an Animal Model of Pulmonary Emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 198-203.	1.4	7
62	Exploration of Long-Chain Vitamin E Metabolites for the Discovery of a Highly Potent, Orally Effective, and Metabolically Stable 5-LOX Inhibitor that Limits Inflammation. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 11496-11526.	2.9	7
63	Sphingosine-1-Phosphate Contributes to TLR9-Induced TNF- α Release in Lung Tumor Cells. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 222-234.	1.1	6
64	Nogo-A reduces ceramide <i>de novo</i> biosynthesis to protect from heart failure. <i>Cardiovascular Research</i> , 2023, 119, 506-519.	1.8	6
65	Development of 1,2,3-Triazole-Based Sphingosine Kinase Inhibitors and Their Evaluation as Antiproliferative Agents. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2332.	1.8	5
66	Synthesis of 2-Methyl-3-indolylacetic Derivatives as Anti-Inflammatory Agents That Inhibit Preferentially Cyclooxygenase 1 without Gastric Damage. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 7774-7780.	2.9	4
67	Proteinase activated receptor-2 counterbalances the vascular effects of endothelin-1 in fibrotic tight skin mice. <i>British Journal of Pharmacology</i> , 2017, 174, 4032-4042.	2.7	4
68	Lack of Ecto-5 β -Nucleotidase Protects Sensitized Mice against Allergen Challenge. <i>Biomolecules</i> , 2022, 12, 697.	1.8	4
69	Involvement of proteinase activated receptor-2 in the vascular response to sphingosine 1-phosphate. <i>Clinical Science</i> , 2014, 126, 545-556.	1.8	2
70	Antagonizing S1P ₃ Receptor with Cell-Penetrating Pepducins in Skeletal Muscle Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8861.	1.8	1
71	Nociceptin modulates the inflammatory immune microenvironment in a conventional murine model of asthma. , 2015, , .		0
72	Synthesis of Arylpiperazine Derivatives as Protease Activated Receptor 1 Antagonists and Their Evaluation as Antiproliferative Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 973-981.	0.9	0

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73	Leukotriene-mediated sex dimorphism in pulmonary arterial hypertensionmonocrotaline-induced rat.. , 2018, , .		0
74	Sphingosine kinase/sphingosine-1-phosphate pathway contributes to airway hyper-responsiveness in cigarette smoke exposed mice. , 2019, , .		0
75	Allergic sensitization is oriented by CD73 enzyme. , 2019, , .		0
76	Montelukast induces better control of symptoms and management of lung function, and decreased inflammation in women compared with men. , 2019, , .		0
77	Late Breaking Abstract - Sex differences in Å2 adrenoceptor-mediated responses in mouse airways. , 2019, , .		0
78	SPHINGOSINE-1-PHOSPHATE AS A KEY INDUCER OF EPITHELIAL MESENCHYMAL TRANSITION IN ASTHMATIC AIRWAYS. , 2020, , .		0
79	SNPs in asthma patients: gender difference in anti-leukotriene therapy. , 2020, , .		0
80	Vitamin E Long-Chain Metabolite and the Inspired Drug Candidate Î-Amplexichromanol Relieve Asthma Features in an Experimental Model of Allergen Sensitization. SSRN Electronic Journal, 0, , .	0.4	0