

# 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	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
2	Sphingosine-1-phosphate/TGF $\beta$ 2 axis drives epithelial mesenchymal transition in asthma-like disease. <i>British Journal of Pharmacology</i> , 2022, 179, 1753-1768.	2.7	13
3	Lack of Ecto-5 $\beta$ -Nucleotidase Protects Sensitized Mice against Allergen Challenge. <i>Biomolecules</i> , 2022, 12, 697.	1.8	4
4	A vitamin E long-chain metabolite and the inspired drug candidate $\beta$ -amplexichromanol relieve asthma features in an experimental model of allergen sensitization. <i>Pharmacological Research</i> , 2022, 181, 106250.	3.1	19
5	Sphingosine-1-Phosphate Contributes to TLR9-Induced TNF- $\alpha$ Release in Lung Tumor Cells. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 222-234.	1.1	6
6	Caspase-11 and AIM2 inflammasome are involved in smoking-induced COPD and lung adenocarcinoma. <i>Oncotarget</i> , 2021, 12, 1057-1071.	0.8	11
7	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
8	Antagonizing S1P3 Receptor with Cell-Penetrating Pepducins in Skeletal Muscle Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8861.	1.8	1
9	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
10	Exacerbation of Allergic Airway Inflammation in Mice Lacking ECTO-5 $\beta$ -Nucleotidase (CD73). <i>Frontiers in Pharmacology</i> , 2020, 11, 589343.	1.6	10
11	5 $\alpha$ -dihydrotestosterone abrogates sex bias in asthma like features in the mouse. <i>Pharmacological Research</i> , 2020, 158, 104905.	3.1	11
12	SPHINGOSINE-1-PHOSPHATE AS A KEY INDUCER OF EPITHELIAL MESENCHYMAL TRANSITION IN ASTHMATIC AIRWAYS. , 2020, , .		0
13	SNPs in asthma patients: gender difference in anti-leukotriene therapy. , 2020, , .		0
14	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
15	Montelukast Improves Symptoms and Lung Function in Asthmatic Women Compared With Men. <i>Frontiers in Pharmacology</i> , 2019, 10, 1094.	1.6	14
16	Leukotriene-mediated sex dimorphism in murine asthma-like features during allergen sensitization. <i>Pharmacological Research</i> , 2019, 139, 182-190.	3.1	20
17	Sphingosine kinase/sphingosine-1-phosphate pathway contributes to airway hyper-responsiveness in cigarette smoke exposed mice. , 2019, , .		0
18	Allergic sensitization is oriented by CD73 enzyme. , 2019, , .		0

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19	Montelukast induces better control of symptoms and management of lung function, and decreased inflammation in women compared with men. , 2019, , .		0
20	Late Breaking Abstract - Sex differences in $\beta_2$ adrenoceptor-mediated responses in mouse airways. , 2019, , .		0
21	Recent advances in the search for novel 5-lipoxygenase inhibitors for the treatment of asthma. European Journal of Medicinal Chemistry, 2018, 153, 65-72.	2.6	64
22	Endogenous metabolites of vitamin E limit inflammation by targeting 5-lipoxygenase. Nature Communications, 2018, 9, 3834.	5.8	101
23	Nociceptin/Orphanin Fq in inflammation and remodeling of the small airways in experimental model of airway hyperresponsiveness. Physiological Reports, 2018, 6, e13906.	0.7	8
24	Discovery of a benzenesulfonamide-based dual inhibitor of microsomal prostaglandin E2 synthase-1 and 5-lipoxygenase that favorably modulates lipid mediator biosynthesis in inflammation. European Journal of Medicinal Chemistry, 2018, 156, 815-830.	2.6	15
25	Leukotriene-mediated sex dimorphism in pulmonary arterial hypertensionmonocrotaline-induced rat.. , 2018, , .		0
26	Sitagliptin reduces inflammation, fibrosis and preserves diastolic function in a rat model of heart failure with preserved ejection fraction. British Journal of Pharmacology, 2017, 174, 4070-4086.	2.7	58
27	Optimization of benzoquinone and hydroquinone derivatives as potent inhibitors of human 5-lipoxygenase. European Journal of Medicinal Chemistry, 2017, 127, 715-726.	2.6	25
28	Nociceptin reduces the inflammatory immune microenvironment in a conventional murine model of airway hyperresponsiveness. Clinical and Experimental Allergy, 2017, 47, 208-216.	1.4	10
29	Proteinase activated receptor $\beta_2$ counterbalances the vascular effects of endothelin $\beta_1$ in fibrotic tight $\beta$ skin mice. British Journal of Pharmacology, 2017, 174, 4032-4042.	2.7	4
30	Salvinorin A Inhibits Airway Hyperreactivity Induced by Ovalbumin Sensitization. Frontiers in Pharmacology, 2017, 7, 525.	1.6	28
31	Palmitoylethanolamide Supplementation during Sensitization Prevents Airway Allergic Symptoms in the Mouse. Frontiers in Pharmacology, 2017, 8, 857.	1.6	35
32	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
33	Toll-Like Receptor 4 Is Essential for the Expression of Sphingosine-1-Phosphate-Dependent Asthma-Like Disease in Mice. Frontiers in Immunology, 2017, 8, 1336.	2.2	16
34	Synthesis of Arylpiperazine Derivatives as Protease Activated Receptor 1 Antagonists and Their Evaluation as Antiproliferative Agents. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 973-981.	0.9	0
35	Disodium cromoglycate inhibits asthma-like features induced by sphingosine-1-phosphate. Pharmacological Research, 2016, 113, 626-635.	3.1	20
36	Role of adiponectin in sphingosine-1-phosphate induced airway hyperresponsiveness and inflammation. Pharmacological Research, 2016, 103, 114-122.	3.1	8

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37	The hallucinogenic diterpene salvinorin A inhibits leukotriene synthesis in experimental models of inflammation. <i>Pharmacological Research</i> , 2016, 106, 64-71.	3.1	25
38	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
39	Hydrogen sulfide inhalation ameliorates allergen induced airway hypereactivity by modulating mast cell activation. <i>Pharmacological Research</i> , 2015, 100, 85-92.	3.1	43
40	S1P <sub>1</sub> -induced airway smooth muscle hyperresponsiveness and lung inflammation <i>in vivo</i> : molecular and cellular mechanisms. <i>British Journal of Pharmacology</i> , 2015, 172, 1882-1893.	2.7	34
41	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
42	Adiponectin in Asthma: Implications for Phenotyping. <i>Current Protein and Peptide Science</i> , 2015, 16, 182-187.	0.7	35
43	Nociceptin modulates the inflammatory immune microenvironment in a conventional murine model of asthma. , 2015, , .		0
44	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
45	Elucidation of the molecular mechanism and the efficacy <i>in vivo</i> of a novel 1,4-benzoquinone that inhibits 5-lipoxygenase. <i>British Journal of Pharmacology</i> , 2014, 171, 2399-2412.	2.7	26
46	Effects of sex hormones on bronchial reactivity during the menstrual cycle. <i>BMC Pulmonary Medicine</i> , 2014, 14, 108.	0.8	39
47	Crosstalk between toll-like receptor 4 (TLR <sub>4</sub> ) and proteinase-activated receptor 2 (PAR <sub>2</sub> ) is involved in vascular function. <i>British Journal of Pharmacology</i> , 2013, 168, 411-420.	2.7	20
48	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
49	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
50	Identification of a peptidic acting as S1P <sub>3</sub> receptor antagonist. <i>Journal of Peptide Science</i> , 2013, 19, 717-724.	0.8	9
51	Sphingosine-1-Phosphate Modulates Vascular Permeability and Cell Recruitment in Acute Inflammation <i>In Vivo</i> . <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 337, 830-837.	1.3	40
52	Urotensin II: A Novel Target in Human Corpus Cavernosum. <i>Journal of Sexual Medicine</i> , 2010, 7, 1778-1786.	0.3	12
53	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
54	Hydrogen Sulfide Is an Endogenous Inhibitor of Phosphodiesterase Activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1998-2004.	1.1	300

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55	Hydrogen Sulphide Is Involved in Testosterone Vascular Effect. <i>European Urology</i> , 2009, 56, 378-384.	0.9	45
56	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
57	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
58	Biosynthesis of H <sub>2</sub> S is impaired in non-obese diabetic (NOD) mice. <i>British Journal of Pharmacology</i> , 2008, 155, 673-680.	2.7	150
59	ACE-inhibition ameliorates vascular reactivity and delays diabetes outcome in NOD mice. <i>Vascular Pharmacology</i> , 2008, 49, 84-90.	1.0	13
60	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
61	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
62	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
63	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
64	Essential requirement for sphingosine kinase activity in eNOS-dependent NO release and vasorelaxation. <i>FASEB Journal</i> , 2006, 20, 340-342.	0.2	36
65	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
66	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
67	Protease-activated receptor-2 (PAR2) in cardiovascular system. <i>Vascular Pharmacology</i> , 2005, 43, 247-253.	1.0	19
68	Proteinase-Activated Receptor-2 Mediates Arterial Vasodilation in Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2349-2354.	1.1	36
69	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
70	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
71	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
72	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

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73	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
74	Aberrant inflammation and resistance to glucocorticoids in Annexin 1 <sup>-/-</sup> Mouse. <i>FASEB Journal</i> , 2003, 17, 253-255.	0.2	349
75	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
76	17 $\beta$ -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
77	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
78	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
79	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
80	Vitamin E Long-Chain Metabolite and the Inspired Drug Candidate $\beta$ -Amplexichromanol Relieve Asthma Features in an Experimental Model of Allergen Sensitization. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0