Vincenzo Brancaleone

List of Publications by Year in descending order

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54 papers	3,587 citations	159358 30 h-index	149479 56 g-index
57 all docs	57 docs citations	57 times ranked	4932 citing authors

#	Article	IF	Citations
1	Hydrogen sulfide is an endogenous modulator of leukocyteâ€mediated inflammation. FASEB Journal, 2006, 20, 2118-2120.	0.2	765
2	Hydrogen Sulfide Is an Endogenous Inhibitor of Phosphodiesterase Activity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1998-2004.	1.1	300
3	Anti-Inflammatory Role of the Murine Formyl-Peptide Receptor 2: Ligand-Specific Effects on Leukocyte Responses and Experimental Inflammation. Journal of Immunology, 2010, 184, 2611-2619.	0.4	275
4	Angiopoietin-2 Causes Inflammation in Vivo by Promoting Vascular Leakage. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 738-744.	1.3	200
5	The bile acid sensor FXR regulates insulin transcription and secretion. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 363-372.	1.8	153
6	Biosynthesis of H₂S is impaired in nonâ€obese diabetic (NOD) mice. British Journal of Pharmacology, 2008, 155, 673-680.	2.7	150
7	Annexin A1 Interaction with the FPR2/ALX Receptor. Journal of Biological Chemistry, 2012, 287, 24690-24697.	1.6	112
8	Sphingosine-1-Phosphate/Sphingosine Kinase Pathway Is Involved in Mouse Airway Hyperresponsiveness. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 757-762.	1.4	94
9	Hydrogen sulfide accounts for the peripheral vascular effects of zofenopril independently of ACE inhibition. Cardiovascular Research, 2014, 102, 138-147.	1.8	88
10	A vasculo-protective circuit centered on lipoxin A4 and aspirin-triggered 15-epi-lipoxin A4 operative in murine microcirculation. Blood, 2013, 122, 608-617.	0.6	80
11	NCX-1000, a nitric oxide-releasing derivative of ursodeoxycholic acid, ameliorates portal hypertension and lowers norepinephrine-induced intrahepatic resistance in the isolated and perfused rat liver. Journal of Hepatology, 2003, 39, 932-939.	1.8	77
12	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
13	Characterisation of cystathionine gamma-lyase/hydrogen sulphide pathway in ischaemia/reperfusion injury of the mouse kidney: An in vivo study. European Journal of Pharmacology, 2009, 606, 205-209.	1.7	66
14	Systemic Administration of Sphingosine-1-Phosphate Increases Bronchial Hyperresponsiveness in the Mouse. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 572-577.	1.4	66
15	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
16	Activation of the Annexin A1 Pathway Underlies the Protective Effects Exerted by Estrogen in Polymorphonuclear Leukocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2749-2759.	1.1	58
17	Evidence for an Anti-Inflammatory Loop Centered on Polymorphonuclear Leukocyte Formyl Peptide Receptor 2/Lipoxin A4 Receptor and Operative in the Inflamed Microvasculature. Journal of Immunology, 2011, 186, 4905-4914.	0.4	56
18	Diabetic Mouse Angiopathy Is Linked to Progressive Sympathetic Receptor Deletion Coupled to an Enhanced Caveolin-1 Expression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 721-726.	1.1	55

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19	Annexin A1 Mediates Hydrogen Sulfide Properties in the Control of Inflammation. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 96-104.	1.3	53
20	Hydrogen sulfide is involved in dexamethasone-induced hypertension in rat. Nitric Oxide - Biology and Chemistry, 2015, 46, 80-86.	1.2	48
21	Hydrogen Sulphide Is Involved in Testosterone Vascular Effect. European Urology, 2009, 56, 378-384.	0.9	45
22	Detection and quantification of Covid-19 antiviral drugs in biological fluids and tissues. Talanta, 2021, 224, 121862.	2.9	43
23	Sphingosine-1-Phosphate Modulates Vascular Permeability and Cell Recruitment in Acute Inflammation In Vivo. Journal of Pharmacology and Experimental Therapeutics, 2011, 337, 830-837.	1.3	40
24	Chemerin15 inhibits neutrophilâ€mediated vascular inflammation and myocardial ischemiaâ€reperfusion injury through ChemR23. EMBO Reports, 2013, 14, 999-1007.	2.0	40
25	Agonism for the bile acid receptor GPBAR1 reverses liver and vascular damage in a mouse model of steatohepatitis. FASEB Journal, 2019, 33, 2809-2822.	0.2	40
26	Protective role of PI3-kinase-Akt-eNOS signalling pathway in intestinal injury associated with splanchnic artery occlusion shock. British Journal of Pharmacology, 2007, 151, 377-383.	2.7	37
27	Mercaptopyruvate acts as endogenous vasodilator independently of 3-mercaptopyruvate sulfurtransferase activity. Nitric Oxide - Biology and Chemistry, 2018, 75, 53-59.	1.2	37
28	Proteinase-Activated Receptor-2 Mediates Arterial Vasodilation in Diabetes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2349-2354.	1.1	36
29	Essential requirement for sphingosine kinase activity in eNOSâ€dependent NO release and vasorelaxation. FASEB Journal, 2006, 20, 340-342.	0.2	36
30	<scp>d</scp>â€Penicillamine modulates hydrogen sulfide (<scp>H₂S</scp>) pathway through selective inhibition of cystathionineâ€Î²â€lyase. British Journal of Pharmacology, 2016, 173, 1556-1565.	2.7	32
31	Aqueous Modulation of NOS Expression, Protein, and Nitrite Products by Hydroxocobalamin Underlies Its Protective Effect in Endotoxemic Shock: Downstream Regulation of COX-2, IL-1<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi mathvariant="bold-italic">Î²</mml:mi></mml:mrow></mml:math>, TNF-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M2"><mml:mrow><mml:mi mathvariant="bold-italic">Î±</mml:mi></mml:mrow></mml:math>, IL-6, and HMGB1 Expression. Mediators	1.4	30
32	The hidden role of NLRP3 inflammasome in obesityâ€related COVIDâ€19 exacerbations: Lessons for drug repurposing. British Journal of Pharmacology, 2020, 177, 4921-4930.	2.7	30
33	Vascular effects of linagliptin in nonâ€obese diabetic mice are glucoseâ€independent and involve positive modulation of the endothelial nitric oxide synthase (<scp>eNOS</scp>)/caveolinâ€1 (<scp>CAV</scp>â€1) pathway. Diabetes, Obesity and Metabolism, 2016, 18, 1236-1243.	2.2	29
34	Crucial role of androgen receptor in vascular <scp>H₂S</scp> biosynthesis induced by testosterone. British Journal of Pharmacology, 2015, 172, 1505-1515.	2.7	28
35	Modulation of EndMT by Hydrogen Sulfide in the Prevention of Cardiovascular Fibrosis. Antioxidants, 2021, 10, 910.	2.2	24
36	The H2S-Donor Erucin Exhibits Protective Effects against Vascular Inflammation in Human Endothelial and Smooth Muscle Cells. Antioxidants, 2021, 10, 961.	2.2	24

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37	Crossâ€talk between tollâ€like receptor 4 (<scp>TLR</scp>4) and proteinaseâ€activated receptor 2 (<scp>PAR</scp>₂) is involved in vascular function. British Journal of Pharmacology, 2013, 168, 411-420.	2.7	20
38	Disodium cromoglycate inhibits asthma-like features induced by sphingosine-1-phosphate. Pharmacological Research, 2016, 113, 626-635.	3.1	20
39	Palmitoylethanolamide Reduces Colon Cancer Cell Proliferation and Migration, Influences Tumor Cell Cycle and Exerts In Vivo Chemopreventive Effects. Cancers, 2021, 13, 1923.	1.7	20
40	Downstream Gene Activation of the Receptor ALX by the Agonist Annexin A1. PLoS ONE, 2010, 5, e12771.	1.1	17
41	Sex-tailored pharmacology and COVID-19: Next steps towards appropriateness and health equity. Pharmacological Research, 2021, 173, 105848.	3.1	16
42	Functional contribution of sphingosineâ€1â€phosphate to airway pathology in cigarette smokeâ€exposed mice. British Journal of Pharmacology, 2020, 177, 267-281.	2.7	15
43	l -Cys/CSE/H 2 S pathway modulates mouse uterus motility and sildenafil effect. Pharmacological Research, 2016, 111, 283-289.	3.1	14
44	ACE-inhibition ameliorates vascular reactivity and delays diabetes outcome in NOD mice. Vascular Pharmacology, 2008, 49, 84-90.	1.0	13
45	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
46	Phenolic Compounds of Red Wine Aglianico del Vulture Modulate the Functional Activity of Macrophages via Inhibition of NF-ÎºB and the Citrate Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	1.9	11
47	Distinct localization of Tâ€ƒcell Agrin during antigen presentationâ€ƒâ€“â€ƒevidence for the expression of Agrin receptor(s) in antigenâ€presenting cells. FEBS Journal, 2012, 279, 2368-2380.	2.2	9
48	Endogenous and exogenous hydrogen sulfide modulates urothelial bladder carcinoma development in human cell lines. Biomedicine and Pharmacotherapy, 2022, 151, 113137.	2.5	9
49	Annexin-A1 protein and its relationship to cortisol in human saliva. Psychoneuroendocrinology, 2013, 38, 722-727.	1.3	8
50	Nâ€Acylethanolamine acid amidase (NAAA) is dysregulated in colorectal cancer patients and its inhibition reduces experimental cancer growth. British Journal of Pharmacology, 2022, 179, 1679-1694.	2.7	6
51	Proteinase activated receptorâ€2 counterbalances the vascular effects of endothelinâ€1 in fibrotic tightâ€skin mice. British Journal of Pharmacology, 2017, 174, 4032-4042.	2.7	4
52	In vitro evidence for the involvement of H2S pathway in the effect of clodronate during inflammatory response. Scientific Reports, 2021, 11, 14811.	1.6	4
53	Corrections: Anti-Inflammatory Role of the Murine Formyl-Peptide Receptor 2: Ligand-Specific Effects on Leukocyte Responses and Experimental Inflammation. Journal of Immunology, 2011, 186, 2684-2685.	0.4	3
54	Involvement of proteinase activated receptor-2in the vascular response to sphingosine 1-phosphate. Clinical Science, 2014, 126, 545-556.	1.8	2