Vincenzo Brancaleone

List of Publications by Citations

54 papers	2,895 citations	26 h-index	53 g-index
57 ext. papers	3,267 ext. citations	6.4 avg, IF	4.58 L-index

#	Paper	IF	Citations
54	Hydrogen sulfide is an endogenous modulator of leukocyte-mediated inflammation. *FASEB Journal*, **2006**, 20, 2118-20	0.9	676
53	Hydrogen sulfide is an endogenous inhibitor of phosphodiesterase activity. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 1998-2004	9.4	245
52	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	5.3	234
51	Angiopoietin-2 causes inflammation in vivo by promoting vascular leakage. *Journal of Pharmacology and Experimental Therapeutics*, **2005**, 314, 738-44	4.7	180
50	Biosynthesis of H2S is impaired in non-obese diabetic (NOD) mice. *British Journal of Pharmacology*, **2008**, 155, 673-80	8.6	131
49	The bile acid sensor FXR regulates insulin transcription and secretion. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2010**, 1802, 363-72	6.9	130
48	Annexin A1 interaction with the FPR2/ALX receptor: identification of distinct domains and downstream associated signaling. *Journal of Biological Chemistry*, **2012**, 287, 24690-7	5.4	89
47	Sphingosine-1-phosphate/sphingosine kinase pathway is involved in mouse airway hyperresponsiveness. *American Journal of Respiratory Cell and Molecular Biology*, **2007**, 36, 757-62	5.7	87
46	Hydrogen sulfide accounts for the peripheral vascular effects of zofenopril independently of ACE inhibition. *Cardiovascular Research*, **2014**, 102, 138-47	9.9	71
45	A vasculo-protective circuit centered on lipoxin A4 and aspirin-triggered 15-epi-lipoxin A4 operative in murine microcirculation. *Blood*, **2013**, 122, 608-17	2.2	70
44	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, 932-9	13.4	68
43	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, 205-9	5.3	57
42	Systemic administration of sphingosine-1-phosphate increases bronchial hyperresponsiveness in the mouse. *American Journal of Respiratory Cell and Molecular Biology*, **2010**, 42, 572-7	5.7	54
41	Diabetic mouse angiopathy is linked to progressive sympathetic receptor deletion coupled to an enhanced caveolin-1 expression. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 721-6	9.4	51
40	The novel HS-donor 4-carboxyphenyl isothiocyanate promotes cardioprotective effects against ischemia/reperfusion injury through activation of mitoK channels and reduction of oxidative stress. *Pharmacological Research*, **2016**, 113, 290-299	10.2	50
39	Activation of the annexin A1 pathway underlies the protective effects exerted by estrogen in polymorphonuclear leukocytes. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 2749-59	9.4	43
38	Hydrogen sulphide is involved in testosterone vascular effect. *European Urology*, **2009**, 56, 378-83	10.2	43

37	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, 4905-14	5.3	43
36	Annexin A1 mediates hydrogen sulfide properties in the control of inflammation. *Journal of Pharmacology and Experimental Therapeutics*, **2014**, 351, 96-104	4.7	42
35	Hydrogen sulfide is involved in dexamethasone-induced hypertension in rat. *Nitric Oxide - Biology and Chemistry*, **2015**, 46, 80-6	5	40
34	Sphingosine-1-phosphate modulates vascular permeability and cell recruitment in acute inflammation in vivo. *Journal of Pharmacology and Experimental Therapeutics*, **2011**, 337, 830-7	4.7	37
33	Essential requirement for sphingosine kinase activity in eNOS-dependent NO release and vasorelaxation. *FASEB Journal*, **2006**, 20, 340-2	0.9	34
32	Chemerin15 inhibits neutrophil-mediated vascular inflammation and myocardial ischemia-reperfusion injury through ChemR23. *EMBO Reports*, **2013**, 14, 999-1007	6.5	30
31	Protective role of PI3-kinase-Akt-eNOS signalling pathway in intestinal injury associated with splanchnic artery occlusion shock. *British Journal of Pharmacology*, **2007**, 151, 377-83	8.6	30
30	Proteinase-activated receptor-2 mediates arterial vasodilation in diabetes. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 2349-54	9.4	29
29	Mercaptopyruvate acts as endogenous vasodilator independently of 3-mercaptopyruvate sulfurtransferase activity. *Nitric Oxide - Biology and Chemistry*, **2018**, 75, 53-59	5	27
28	Agonism for the bile acid receptor GPBAR1 reverses liver and vascular damage in a mouse model of steatohepatitis. *FASEB Journal*, **2019**, 33, 2809-2822	0.9	26
27	Anti-inflammatory and antiviral roles of hydrogen sulfide: Rationale for considering H S donors in COVID-19 therapy. *British Journal of Pharmacology*, **2020**, 177, 4931-4941	8.6	25
26	Biphasic modulation of NOS expression, protein and nitrite products by hydroxocobalamin underlies its protective effect in endotoxemic shock: downstream regulation of COX-2, IL-1 TNF- IL-6, and HMGB1 expression. *Mediators of Inflammation*, **2013**, 2013, 741804	4.3	23
25	Detection and quantification of Covid-19 antiviral drugs in biological fluids and tissues. *Talanta*, **2021**, 224, 121862	6.2	23
24	D-Penicillamine modulates hydrogen sulfide (H2S) pathway through selective inhibition of cystathionine- lyase. *British Journal of Pharmacology*, **2016**, 173, 1556-65	8.6	22
23	Crucial role of androgen receptor in vascular H2S biosynthesis induced by testosterone. *British Journal of Pharmacology*, **2015**, 172, 1505-15	8.6	21
22	Vascular effects of linagliptin in non-obese diabetic mice are glucose-independent and involve positive modulation of the endothelial nitric oxide synthase (eNOS)/caveolin-1 (CAV-1) pathway. *Diabetes, Obesity and Metabolism*, **2016**, 18, 1236-1243	6.7	20
21	The hidden role of NLRP3 inflammasome in obesity-related COVID-19 exacerbations: Lessons for drug repurposing. *British Journal of Pharmacology*, **2020**, 177, 4921-4930	8.6	19
20	Downstream gene activation of the receptor ALX by the agonist annexin A1. *PLoS ONE*, **2010**, 5, e12771	3.7	17

19	Cross-talk between toll-like receptor 4 (TLR4) and proteinase-activated receptor 2 (PAR(2)) is involved in vascular function. *British Journal of Pharmacology*, **2013**, 168, 411-20	8.6	16
18	Palmitoylethanolamide Reduces Colon Cancer Cell Proliferation and Migration, Influences Tumor Cell Cycle and Exerts In Vivo Chemopreventive Effects. *Cancers*, **2021**, 13,	6.6	13
17	Disodium cromoglycate inhibits asthma-like features induced by sphingosine-1-phosphate. *Pharmacological Research*, **2016**, 113, 626-635	10.2	11
16	l-Cys/CSE/H2S pathway modulates mouse uterus motility and sildenafil effect. *Pharmacological Research*, **2016**, 111, 283-289	10.2	8
15	ACE-inhibition ameliorates vascular reactivity and delays diabetes outcome in NOD mice. *Vascular Pharmacology*, **2008**, 49, 84-90	5.9	8
14	Functional contribution of sphingosine-1-phosphate to airway pathology in cigarette smoke-exposed mice. *British Journal of Pharmacology*, **2020**, 177, 267-281	8.6	8
13	Distinct localization of T cell Agrin during antigen presentation--evidence for the expression of Agrin receptor(s) in antigen-presenting cells. *FEBS Journal*, **2012**, 279, 2368-80	5.7	7
12	Annexin-A1 protein and its relationship to cortisol in human saliva. *Psychoneuroendocrinology*, **2013**, 38, 722-7	5	6
11	Sex-tailored pharmacology and COVID-19: Next steps towards appropriateness and health equity. *Pharmacological Research*, **2021**, 173, 105848	10.2	5
10	Involvement of 3',5'-cyclic inosine monophosphate in cystathionine γ-lyase-dependent regulation of the vascular tone. *British Journal of Pharmacology*, **2021**, 178, 3765-3782	8.6	4
9	The HS-Donor Erucin Exhibits Protective Effects against Vascular Inflammation in Human Endothelial and Smooth Muscle Cells. *Antioxidants*, **2021**, 10,	7.1	4
8	Proteinase activated receptor-2 counterbalances the vascular effects of endothelin-1 in fibrotic tight-skin mice. *British Journal of Pharmacology*, **2017**, 174, 4032-4042	8.6	3
7	Modulation of EndMT by Hydrogen Sulfide in the Prevention of Cardiovascular Fibrosis. *Antioxidants*, **2021**, 10,	7.1	3
6	Endogenous and exogenous hydrogen sulfide modulates urothelial bladder carcinoma development in human cell lines. *Biomedicine and Pharmacotherapy*, **2022**, 151, 113137	7.5	3
5	Involvement of proteinase activated receptor-2 in the vascular response to sphingosine 1-phosphate. *Clinical Science*, **2014**, 126, 545-56	6.5	2
4	Phenolic Compounds of Red Wine Modulate the Functional Activity of Macrophages via Inhibition of and the Citrate Pathway. *Oxidative Medicine and Cellular Longevity*, **2021**, 2021, 5533793	6.7	2
3	NAAA is dysregulated in colorectal cancer patients and its inhibition reduces experimental cancer growth. *British Journal of Pharmacology*, **2021**,	8.6	1
2	In vitro evidence for the involvement of HS pathway in the effect of clodronate during inflammatory response. *Scientific Reports*, **2021**, 11, 14811	4.9	1

1 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 5.3