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List of Publications by Year
in descending order

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87 papers	4,601 citations	117571 34 h-index	102432 66 g-index
89 all docs	89 docs citations	89 times ranked	5693 citing authors

#	Article	IF	Citations
1	Prostanoid receptors in GtoPdb v.2021.2. IUPHAR/BPS Guide To Pharmacology CITE, 2021, 2021, .	0.2	2
2	The Prostacyclin Analogue, Treprostinil, Used in the Treatment of Pulmonary Arterial Hypertension, is a Potent Antagonist of TREK-1 and TREK-2 Potassium Channels. Frontiers in Pharmacology, 2021, 12, 705421.	1.6	1
3	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G proteinâ€coupled receptors. British Journal of Pharmacology, 2021, 178, S27-S156.	2.7	337
4	Interaction between PGI2 and ET-1 pathways in vascular smooth muscle from Group-III pulmonary hypertension patients. Prostaglandins and Other Lipid Mediators, 2020, 146, 106388.	1.0	5
5	Bronchodilation induced by PGE 2 is impaired in Group III pulmonary hypertension. British Journal of Pharmacology, 2020, 177, 161-174.	2.7	13
6	Synthetic routes to treprostinil N-acyl methylsulfonamide. Tetrahedron Letters, 2020, 61, 151428.	0.7	1
7	International Union of Basic and Clinical Pharmacology. CIX. Differences and Similarities between Human and Rodent Prostaglandin E₂Receptors (EP1â€“4) and Prostacyclin Receptor (IP): Specific Roles in Pathophysiologic Conditions. Pharmacological Reviews, 2020, 72, 910-968.	7.1	26
8	Diverse Pharmacology of Prostacyclin Mimetics: Implications for Pulmonary Hypertension. , 2020, , 31-61.		4
9	Prostanoid receptors (version 2020.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2020, 2020, .	0.2	3
10	Exploring the enzymatic degradation of poly(glycerol adipate). European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 377-386.	2.0	24
11	Altered cyclooxygenase-1 and enhanced thromboxane receptor activities underlie attenuated endothelial dilatory capacity of omental arteries in obesity. Life Sciences, 2019, 239, 117039.	2.0	6
12	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G proteinâ€coupled receptors. British Journal of Pharmacology, 2019, 176, S21-S141.	2.7	519
13	Selexipag in the management of pulmonary arterial hypertension: an update . Drug, Healthcare and Patient Safety, 2019, Volume 11, 55-64.	1.0	8
14	Pharmacology of the single isomer, esuberaprost (beraprost-314d) on pulmonary vascular tone, IP receptors and human smooth muscle proliferation in pulmonary hypertension. Biochemical Pharmacology, 2019, 166, 242-252.	2.0	6
15	Adverse Events of Prostacyclin Mimetics in Pulmonary Arterial Hypertension: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2019, 8, 481.	1.0	14
16	Prostanoid receptors (version 2019.5) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	2
17	Prostanoid receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	0
18	RALINEPAG REDUCES PULMONARY VASCULAR RESISTANCE (PVR) IN A PHASE 2 STUDY CONFIRMING PRECLINICAL FINDINGS ON PROSTACYCLIN (IP) RECEPTORS IN HUMAN TISSUES. Chest, 2018, 154, 990A-991A.	0.4	1

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19	Improving Interpretation of Cardiac Phenotypes and Enhancing Discovery With Expanded Knowledge in the Gene Ontology. Circulation Genomic and Precision Medicine, 2018, 11, e001813.	1.6	24
20	Prostanoid EP2 Receptors Are Up-Regulated in Human Pulmonary Arterial Hypertension: A Key Anti-Proliferative Target for Treprostinil in Smooth Muscle Cells. International Journal of Molecular Sciences, 2018, 19, 2372.	1.8	24
21	The Role of the K2P Channels TASKâ€1, TREKâ€1 and TREKâ€2 in the Use of Treprostinil Therapy in Pulmonary Arterial Hypertension. FASEB Journal, 2018, 32, 567.6.	0.2	3
22	EP4 agonists have reduced bronchodilation activity in patients with Group III pulmonary hypertension. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR20-2.	0.0	0
23	Impact of treprostinil on dynamin-related protein 1 (DRP1) and mitochondrial fragmentation in pulmonary arterial hypertension (PAH).. , 2018, , .		1
24	Inotropic Effects of Prostacyclins on the Right Ventricle Are Abolished in Isolated Rat Hearts With Right-Ventricular Hypertrophy and Failure. Journal of Cardiovascular Pharmacology, 2017, 69, 1-12.	0.8	11
25	Prostacyclins have no direct inotropic effect on isolated atrial strips from the normal and pressureâ€overloaded human right heart. Pulmonary Circulation, 2017, 7, 339-347.	0.8	8
26	THE CONCISE GUIDE TO PHARMACOLOGY 2017/18: Overview. British Journal of Pharmacology, 2017, 174, S1-S16.	2.7	269
27	The non-prostanoid IP receptor agonist, APD811 (ralinepag) has potent antiproliferative and vasorelaxant properties in human pulmonary artery. , 2017, , .		0
28	The mechanistic basis of prostacyclin and its stable analogues in pulmonary arterial hypertension: Role of membrane versus nuclear receptors. Prostaglandins and Other Lipid Mediators, 2015, 120, 56-71.	1.0	69
29	Ex vivo relaxations of pulmonary arteries induced by prostacyclin mimetics are highly dependent of the precontractile agents. Prostaglandins and Other Lipid Mediators, 2015, 121, 46-52.	1.0	12
30	Differential action of beraprost isomers on prostacyclin (IP) receptors and PPARÎ² in pulmonary arteries. , 2015, , .		0
31	Inhibition of Phosphodiesterase 2 Augments cGMP and cAMP Signaling to Ameliorate Pulmonary Hypertension. Circulation, 2014, 130, 496-507.	1.6	63
32	Differential actions of the prostacyclin analogues treprostinil and iloprost and the selexipag metabolite, MRE-269 (ACT-333679) in rat small pulmonary arteries and veins. Prostaglandins and Other Lipid Mediators, 2013, 106, 1-7.	1.0	21
33	A comparative study of PGI2 mimetics used clinically on the vasorelaxation of human pulmonary arteries and veins, role of the DP-receptor. Prostaglandins and Other Lipid Mediators, 2013, 107, 48-55.	1.0	37
34	Attenuated vascular responsiveness to K+ channel openers in diabetes mellitus: the differential role of reactive oxygen species. General Physiology and Biophysics, 2013, 32, 527-534.	0.4	2
35	Inhibition of vascular adenosine triphosphate-sensitive potassium channels by sympathetic tone during sepsis. Critical Care Medicine, 2012, 40, 1261-1268.	0.4	5
36	Binding and activity of the prostacyclin receptor (IP) agonists, treprostinil and iloprost, at human prostanoid receptors: Treprostinil is a potent DP1 and EP2 agonist. Biochemical Pharmacology, 2012, 84, 68-75.	2.0	124

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37	BK Large Conductance Ca2+-Activated K+ Channel-Deficient Mice are not Resistant to Hypotension and Display Reduced Survival Benefit Following Polymicrobial Sepsis. Shock, 2011, 35, 485-491.	1.0	13
38	Role of prostanoid IP and EP receptors in mediating vasorelaxant responses to PGI2 analogues in rat tail artery: Evidence for Gi/o modulation via EP3 receptors. European Journal of Pharmacology, 2011, 654, 258-265.	1.7	40
39	Smooth Muscle Proliferation and Role of the Prostacyclin (IP) Receptor in Idiopathic Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1161-1170.	2.5	124
40	Ca²⁺/calcineurin regulation of cloned vascular K_{ATP} channels: crosstalk with the protein kinase A pathway. British Journal of Pharmacology, 2009, 157, 554-564.	2.7	33
41	VARIABLE EFFECTS OF INHIBITING iNOS AND CLOSING THE VASCULAR ATP-SENSITIVE POTASSIUM CHANNEL (VIA ITS PORE-FORMING AND SULFONYLUREA RECEPTOR SUBUNITS) IN ENDOTOXIC SHOCK. Shock, 2009, 31, 535-541.	1.0	12
42	Different calcium mobilisation pathways underlie the changes in vascular reactivity to norepinephrine and vasopressin in septic shock. Journal of Infection, 2008, 57, 429-430.	1.7	0
43	Nuclear translocation of calcineurin AÎ² but not calcineurin AÎ± by platelet-derived growth factor in rat aortic smooth muscle. American Journal of Physiology - Cell Physiology, 2007, 292, C2213-C2225.	2.1	18
44	Endothelium-derived hyperpolarization factor (EDHF) is up-regulated in a pig model of acute liver failure. Scandinavian Journal of Gastroenterology, 2007, 42, 356-365.	0.6	2
45	Stoking Up BK _{Ca} Channels in Hemorrhagic Shock. Circulation Research, 2007, 101, 436-438.	2.0	4
46	Differential effects of vasopressin and norepinephrine on vascular reactivity in a long-term rodent model of sepsis*. Critical Care Medicine, 2007, 35, 2337-2343.	0.4	73
47	Vasopressin: Mechanisms of action on the vasculature in health and in septic shock. Critical Care Medicine, 2007, 35, 33-40.	0.4	206
48	IP receptor-dependent activation of PPARÎ³ by stable prostacyclin analogues. Biochemical and Biophysical Research Communications, 2007, 360, 821-827.	1.0	59
49	Functional Expression of Inward Rectifier Potassium Channels in Cultured Human Pulmonary Smooth Muscle Cells: Evidence for a Major Role of Kir2.4 Subunits. Journal of Membrane Biology, 2006, 213, 19-29.	1.0	27
50	Evidence that inward rectifier K+ channels mediate relaxation by the PGI2 receptor agonist cicaprost via a cyclic AMP-independent mechanism. Cardiovascular Research, 2006, 69, 107-115.	1.8	45
51	Role of KATP channels in sepsis. Cardiovascular Research, 2006, 72, 220-230.	1.8	76
52	The pore-forming subunit of the KATP channel is an important molecular target for LPS-induced vascular hyporeactivity in vitro. British Journal of Pharmacology, 2005, 144, 367-375.	2.7	32
53	Opportunities to Replace the Use of Animals in Sepsis Research. ATLA Alternatives To Laboratory Animals, 2005, 33, 641-648.	0.7	3
54	Reversal of life-threatening, drug-related potassium-channel syndrome by glibenclamide. Lancet, The, 2005, 365, 1873-1875.	6.3	28

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55	The large-conductance Ca2+-activated K+ channel is essential for innate immunity. Nature, 2004, 427, 853-858.	13.7	185
56	Different molecular sites of action for the KATP channel inhibitors, PNU-99963 and PNU-37883A. British Journal of Pharmacology, 2003, 139, 122-128.	2.7	22
57	Do Anionic Phospholipids Serve as Cofactors or Second Messengers for the Regulation of Activity of Cloned ATP-Sensitive K + Channels?. Circulation Research, 2003, 93, 646-655.	2.0	38
58	The BK Channel. Circulation Research, 2003, 93, 893-895.	2.0	10
59	NO contributes to EDHF-like responses in rat small arteries: a role for NO stores. Cardiovascular Research, 2003, 57, 207-216.	1.8	53
60	Assembly Limits the Pharmacological Complexity of ATP-sensitive Potassium Channels. Journal of Biological Chemistry, 2002, 277, 13717-13723.	1.6	33
61	Differential Effects of Stable Prostacyclin Analogs on Smooth Muscle Proliferation and Cyclic AMP Generation in Human Pulmonary Artery. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 194-201.	1.4	211
62	The Molecular Composition of K_{ATP} Channels in Human Pulmonary Artery Smooth Muscle Cells and Their Modulation by Growth. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 135-143.	1.4	90
63	The molecular site of action of KATP channel inhibitors determines their ability to inhibit iNOS-mediated relaxation in rat aorta. Cardiovascular Research, 2002, 56, 154-163.	1.8	23
64	Terlipressin for norepinephrine-resistant septic shock. Lancet, The, 2002, 359, 1209-1210.	6.3	274
65	Substrate selectivity and sensitivity to inhibition by FK506 and cyclosporin A of calcineurin heterodimers composed of the Î± or Î² catalytic subunit. FEBS Journal, 2002, 269, 3540-3548.	0.2	44
66	Temporal variation in endotoxin-induced vascular hyporeactivity in a rat mesenteric artery organ culture model. British Journal of Pharmacology, 2001, 133, 351-360.	2.7	28
67	A mechanism for ATP-sensitive potassium channel diversity: Functional coassembly of two pore-forming subunits. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 729-734.	3.3	53
68	Calcium Modulation of Vascular Smooth Muscle ATP-Sensitive K + Channels. Circulation Research, 2000, 87, 1019-1025.	2.0	44
69	Effects of the adenylyl cyclase inhibitor SQ22536 on iloprost-induced vasorelaxation and cyclic AMP elevation in isolated guinea-pig aorta. British Journal of Pharmacology, 1999, 126, 845-847.	2.7	60
70	Evidence that Ca2+-activated K+ channels play a major role in mediating the vascular effects of iloprost and cicaprost. European Journal of Pharmacology, 1998, 356, 215-224.	1.7	41
71	Potassium channels in the vasculature. Current Opinion in Nephrology and Hypertension, 1998, 7, 83-98.	1.0	40
72	Abnormal Activation of K+Channels Underlies Relaxation to Bacterial Lipopolysaccharide in Rat Aorta. Biochemical and Biophysical Research Communications, 1996, 224, 184-190.	1.0	49

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73	Regulation of glibenclamide-sensitive K+ current by nucleotide phosphates in isolated rabbit pulmonary myocytes. Cardiovascular Research, 1995, 30, 460-468.	1.8	12
74	Properties of the ATP-sensitive K+ current activated by levcromakalim in isolated pulmonary arterial myocytes. Journal of Membrane Biology, 1994, 140, 205-13.	1.0	12
75	Augmentation by intracellular ATP of the delayed rectifier current independently of the glibenclamideâ€sensitive Kâ€current in rabbit arterial myocytes. British Journal of Pharmacology, 1994, 111, 972-974.	2.7	19
76	Calcium Channels and Vasodilation. Advances in Molecular and Cell Biology, 1994, , 21-41.	0.1	5
77	ATP-Sensitive K+ Channels in the Pulmonary Vasculature. , 1993, , 129-139.		0
78	Both membrane stretch and fatty acids directly activate large conductance Ca²⁺â€activated K⁺ channels in vascular smooth muscle cells. FEBS Letters, 1992, 297, 24-28.	1.3	193
79	Modulation of calcium movements by nitroprusside in isolated vascular smooth muscle cells. Pflugers Archiv European Journal of Physiology, 1991, 418, 462-470.	1.3	109
80	Outward currents in rabbit pulmonary artery cells dissociated with a new technique. Experimental Physiology, 1991, 76, 677-693.	0.9	107
81	Dual regulation of M current in gastric smooth muscle cells: Î²-adrenergic-muscarinic antagonism. Pflugers Archiv European Journal of Physiology, 1990, 417, 291-302.	1.3	17
82	Substance P, like acetylcholine, augments one type of Ca2+ current in isolated smooth muscle cells. Pflugers Archiv European Journal of Physiology, 1989, 413, 565-567.	1.3	19
83	Neurotransmitter Regulation of Ionic Channels in Freshly Dissociated Smooth Muscle Cells. Annals of the New York Academy of Sciences, 1988, 527, 346-359.	1.8	8
84	Regulation of one type of Ca 2+ current in smooth muscle cells by diacylglycerol and acetylcholine. FASEB Journal, 1988, 2, 2497-2504.	0.2	110
85	Acetylcholine increases voltage-activated Ca2+ current in freshly dissociated smooth muscle cells.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 2092-2096.	3.3	80
86	Endothelialâ€dependent relaxant actions of carbachol and substance P in arterial smooth muscle. British Journal of Pharmacology, 1986, 87, 713-723.	2.7	106
87	The diverse effects of noradrenaline and other stimulants on 86Rb and 42K efflux in rabbit and guineaâ€pig arterial muscle.. Journal of Physiology, 1984, 355, 43-63.	1.3	56