Kristian A Haanes

List of Publications by Year
in descending order

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65 papers	2,207 citations	279487 23 h-index	233125 45 g-index
69 all docs	69 docs citations	69 times ranked	2121 citing authors

#	Article	IF	Citations
1	Biological and small molecule strategies in migraine therapy with relation to the calcitonin geneâ€related peptide family of peptides. British Journal of Pharmacology, 2022, 179, 371-380.	2.7	12
2	Lasmiditan and 5-Hydroxytryptamine in the rat trigeminal system; expression, release and interactions with 5-HT1 receptors. Journal of Headache and Pain, 2022, 23, 26.	2.5	11
3	Dual action of the cannabinoid receptor 1 ligand arachidonyl-2â€²-chloroethylamide on calcitonin gene-related peptide release. Journal of Headache and Pain, 2022, 23, 30.	2.5	4
4	Identifying molecular targets in trigeminal nociception. Nature Reviews Neurology, 2022, 18, 385-386.	4.9	1
5	Absence of P2Y2 Receptor Does Not Prevent Bone Destruction in a Murine Model of Muscle Paralysis-Induced Bone Loss. Frontiers in Endocrinology, 2022, 13, .	1.5	1
6	Identifying New Antimigraine Targets: Lessons from Molecular Biology. Trends in Pharmacological Sciences, 2021, 42, 217-225.	4.0	12
7	Subacute phase of subarachnoid haemorrhage in female rats: Increased intracranial pressure, vascular changes and impaired sensorimotor function. Microvascular Research, 2021, 135, 104127.	1.1	4
8	CGRP-dependent signalling pathways involved in mouse models of GTN- cilostazol- and levcromakalim-induced migraine. Cephalalgia, 2021, 41, 1413-1426.	1.8	26
9	Hormonal influences in migraine â€" interactions of oestrogen, oxytocin and CGRP. Nature Reviews Neurology, 2021, 17, 621-633.	4.9	47
10	Ovariectomy reduces vasocontractile responses of rat middle cerebral arteries after focal cerebral ischemia. Journal of Cardiovascular Pharmacology, 2021, Publish Ahead of Print, .	0.8	1
11	Neurokinins and their receptors in the rat trigeminal system: Differential localization and release with implications for migraine pain. Molecular Pain, 2021, 17, 174480692110594.	1.0	16
12	Neuropeptides and the Nodes of Ranvier in Cranial Headaches. Frontiers in Physiology, 2021, 12, 820037.	1.3	3
13	Cerebrovascular effects of endothelin-1 investigated using high-resolution magnetic resonance imaging in healthy volunteers. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1685-1694.	2.4	21
14	Views on migraine pathophysiology: Where does it start?. Neurology and Clinical Neuroscience, 2020, 8, 120-127.	0.2	4
15	Estrogen receptors Î±, Î² and GPER in the CNS and trigeminal system - molecular and functional aspects. Journal of Headache and Pain, 2020, 21, 131.	2.5	58
16	Differences in pituitary adenylate cyclase-activating peptide and calcitonin gene-related peptide release in the trigeminovascular system. Cephalalgia, 2020, 40, 1296-1309.	1.8	21
17	Oxytocin as a regulatory neuropeptide in the trigeminovascular system: Localization, expression and function of oxytocin and oxytocin receptors. Cephalalgia, 2020, 40, 1283-1295.	1.8	19
18	The fifth cranial nerve in headaches. Journal of Headache and Pain, 2020, 21, 65.	2.5	81

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19	Understanding side-effects of anti-CGRP and anti-CGRP receptor antibodies. Journal of Headache and Pain, 2020, 21, 26.	2.5	26
20	The role of purinergic P2Y12 and P2Y13 receptors in ADPÎ²S-induced inhibition of the cardioaccelerator sympathetic drive in pithed rats. Purinergic Signalling, 2020, 16, 73-84.	1.1	5
21	Lasmiditan inhibits calcitonin gene-related peptide release in the rodent trigeminovascular system. Pain, 2020, 161, 1092-1099.	2.0	61
22	Local endothelial DNA repair deficiency causes aging-resembling endothelial-specific dysfunction. Clinical Science, 2020, 134, 727-746.	1.8	25
23	Hyperpolarization through ATP-sensitive potassium channels; relevance to migraine pathology. Brain, 2020, 143, e13-e13.	3.7	8
24	Characterization of binding, functional activity, and contractile responses of the selective 5â€HT_{1F} receptor agonist lasmiditan. British Journal of Pharmacology, 2019, 176, 4681-4695.	2.7	51
25	Synergistic effects of a cremophor EL drug delivery system and its U0126 cargo in an ex vivo model. Drug Delivery, 2019, 26, 680-688.	2.5	3
26	Erenumab (AMG 334), a monoclonal antagonist antibody against the canonical CGRP receptor, does not impair vasodilatory or contractile responses to other vasoactive agents in human isolated cranial arteries. Cephalalgia, 2019, 39, 1745-1752.	1.8	30
27	Characterisation of vasodilatory responses in the presence of the CGRP receptor antibody erenumab in human isolated arteries. Cephalalgia, 2019, 39, 1735-1744.	1.8	29
28	Does inflammation have a role in migraine?. Nature Reviews Neurology, 2019, 15, 483-490.	4.9	191
29	Fremanezumab inhibits vasodilatory effects of CGRP and capsaicin in rat cerebral artery - Potential role in conditions of severe vasoconstriction. European Journal of Pharmacology, 2019, 864, 172726.	1.7	8
30	C-fibers may modulate adjacent AÎ´-fibers through axon-axon CGRP signaling at nodes of Ranvier in the trigeminal system. Journal of Headache and Pain, 2019, 20, 105.	2.5	72
31	Exploration of purinergic receptors as potential anti-migraine targets using established pre-clinical migraine models. Cephalalgia, 2019, 39, 1421-1434.	1.8	25
32	Effects of two isometheptene enantiomers in isolated human blood vessels and rat middle meningeal artery â€“ potential antimigraine efficacy. Journal of Headache and Pain, 2019, 20, 47.	2.5	0
33	Pathophysiological Mechanisms in Migraine and the Identification of New Therapeutic Targets. CNS Drugs, 2019, 33, 525-537.	2.7	74
34	MEK1/2 inhibitor U0126, but not nimodipine, reduces upregulation of cerebrovascular contractile receptors after subarachnoid haemorrhage in rats. PLoS ONE, 2019, 14, e0215398.	1.1	14
35	Exploration of Physiological and Pathophysiological Implications of miRNA-143 and miRNA-145 in Cerebral Arteries. Journal of Cardiovascular Pharmacology, 2019, 74, 409-419.	0.8	3
36	MEK/ERK/1/2 sensitive vascular changes coincide with retinal functional deficit, following transient ophthalmic artery occlusion. Experimental Eye Research, 2019, 179, 142-149.	1.2	3

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37	Perivascular neurotransmitters: Regulation of cerebral blood flow and role in primary headaches. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 610-632.	2.4	35
38	Pre-clinical effects of highly potent MEK1/2 inhibitors on rat cerebral vasculature after organ culture and subarachnoid haemorrhage. Clinical Science, 2019, 133, 1797-1811.	1.8	8
39	CGRP as the target of new migraine therapies â€" successful translation from bench to clinic. Nature Reviews Neurology, 2018, 14, 338-350.	4.9	617
40	Increased endothelinâ€1â€mediated vasoconstriction after organ culture in rat and pig ocular arteries can be suppressed with MEK/ERK1/2 inhibitors. Acta Ophthalmologica, 2018, 96, e619-e625.	0.6	9
41	Role of pannexin and adenosine triphosphate (ATP) following myocardial ischemia/reperfusion. Scandinavian Cardiovascular Journal, 2018, 52, 340-343.	0.4	16
42	Neuropeptide Y treatment induces retinal vasoconstriction and causes functional and histological retinal damage in a porcine ischaemia model. Acta Ophthalmologica, 2018, 96, 812-820.	0.6	6
43	Characterization of the trigeminovascular actions of several adenosine A2A receptor antagonists in an in vivo rat model of migraine. Journal of Headache and Pain, 2018, 19, 41.	2.5	20
44	Changes in vasodilation following myocardial ischemia/reperfusion in rats. Nitric Oxide - Biology and Chemistry, 2017, 70, 68-75.	1.2	6
45	Endothelin receptor mediated Ca 2+ signaling in coronary arteries after experimentally induced ischemia/reperfusion injury in rat. Journal of Molecular and Cellular Cardiology, 2017, 111, 1-9.	0.9	10
46	Enhanced contractility of intraparenchymal arterioles after global cerebral ischaemia in rat â€" new insights into the development of delayed cerebral hypoperfusion. Acta Physiologica, 2017, 220, 417-431.	1.8	10
47	Contractile Changes in the Vasculature After Subchronic Smoking: A Comparison Between Wild Type and Surfactant Protein D Knock-Out Mice. Nicotine and Tobacco Research, 2016, 18, 642-646.	1.4	5
48	New insights on pyrimidine signalling within the arterial vasculature â€" Different roles for P2Y2 and P2Y6 receptors in large and small coronary arteries of the mouse. Journal of Molecular and Cellular Cardiology, 2016, 93, 1-11.	0.9	25
49	Comment on â€œA second trigeminal <scp>CGRP</scp> receptor: function and expression of the <scp>AMY</scp>1 receptorâ€. Annals of Clinical and Translational Neurology, 2016, 3, 307-308.	1.7	12
50	Enhanced Endothelin-1 Mediated Vasoconstriction of the Ophthalmic Artery May Exacerbate Retinal Damage after Transient Global Cerebral Ischemia in Rat. PLoS ONE, 2016, 11, e0157669.	1.1	8
51	Dural administration of inflammatory soup or Complete Freundâ€™s Adjuvant induces activation and inflammatory response in the rat trigeminal ganglion. Journal of Headache and Pain, 2015, 16, 564.	2.5	45
52	Experimental inflammation following dural application of complete Freundâ€™s adjuvant or inflammatory soup does not alter brain and trigeminal microvascular passage. Journal of Headache and Pain, 2015, 16, 91.	2.5	49
53	Bile acid effects are mediated by ATP release and purinergic signalling in exocrine pancreatic cells. Cell Communication and Signaling, 2015, 13, 28.	2.7	23
54	Role of vesicular nucleotide transporter VNUT (SLC17A9) in release of ATP from AR42J cells and mouse pancreatic acinar cells. Purinergic Signalling, 2014, 10, 431-440.	1.1	32

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55	Comparison of the vasodilator responses of isolated human and rat middle meningeal arteries to migraine related compounds. Journal of Headache and Pain, 2014, 15, 22.	2.5	18
56	Characterization of the contractile P2Y14 receptor in mouse coronary and cerebral arteries. FEBS Letters, 2014, 588, 2936-2943.	1.3	14
57	Expression and Characterization of Purinergic Receptors in Rat Middle Meningeal Arteryâ€“Potential Role in Migraine. PLoS ONE, 2014, 9, e108782.	1.1	35
58	Acid-base transport in pancreasâ€”new challenges. Frontiers in Physiology, 2013, 4, 380.	1.3	29
59	Purinergic regulation of CFTR and Ca²⁺-activated Cl^{â^'} channels and K⁺ channels in human pancreatic duct epithelium. American Journal of Physiology - Cell Physiology, 2013, 304, C673-C684.	2.1	50
60	ATP release from exocrine pancreatic cells. FASEB Journal, 2013, 27, 729.12.	0.2	0
61	The P2X7 Receptor Supports Both Life and Death in Fibrogenic Pancreatic Stellate Cells. PLoS ONE, 2012, 7, e51164.	1.1	55
62	Pancreatic Bicarbonate Secretion Involves Two Proton Pumps. Journal of Biological Chemistry, 2011, 286, 280-289.	1.6	50
63	ATP storage and uptake by isolated pancreatic zymogen granules. Biochemical Journal, 2010, 429, 303-311.	1.7	50
64	Extracellular purinergic signaling in pancreas. Journal of Medical Investigation, 2009, 56, 355-356.	0.2	0
65	Characterization of ATP uptake into isolated pancreatic zymogen granules. FASEB Journal, 2009, 23, .	0.2	0