

# Lars Edvinsson

## List of Publications by Year in descending order

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527  
papers

33,624  
citations

3731

89  
h-index

6300

158  
g-index

538  
all docs

538  
docs citations

538  
times ranked

10982  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological and small molecule strategies in migraine therapy with relation to the calcitonin gene-related peptide family of peptides. British Journal of Pharmacology, 2022, 179, 371-380.	5.4	12
2	Advances in migraine and headache therapy (BJP 75th anniversary). British Journal of Pharmacology, 2022, 179, 355-357.	5.4	0
3	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.	6.0	11
4	Dual action of the cannabinoid receptor 1 ligand arachidonyl-2- $\omega$ -chloroethylamide on calcitonin gene-related peptide release. Journal of Headache and Pain, 2022, 23, 30.	6.0	4
5	Repair-related molecular changes during recovery phase of ischemic stroke in female rats. BMC Neuroscience, 2022, 23, 23.	1.9	4
6	Calcitonin gene-related peptide (CGRP) is a key molecule released in acute migraine attacks”Successful translation of basic science to clinical practice. Journal of Internal Medicine, 2022, 292, 575-586.	6.0	15
7	Identifying molecular targets in trigeminal nociception. Nature Reviews Neurology, 2022, 18, 385-386.	10.1	1
8	Secondhand cigarette smoke induces increased expression of contractile endothelin receptors in rat coronary arteries via a MEK1/2 sensitive mechanism. Scandinavian Cardiovascular Journal, 2021, 55, 50-55.	1.2	2
9	Oral rimegepant for migraine prevention. Lancet, The, 2021, 397, 4-5.	13.7	2
10	Identifying New Antimigraine Targets: Lessons from Molecular Biology. Trends in Pharmacological Sciences, 2021, 42, 217-225.	8.7	12
11	CGRP and migraine: from bench to bedside. Revue Neurologique, 2021, 177, 785-790.	1.5	36
12	Hormonal influences in migraine – interactions of oestrogen, oxytocin and CGRP. Nature Reviews Neurology, 2021, 17, 621-633.	10.1	47
13	The CGRP Family of Neuropeptides and their Receptors in the Trigeminovascular System. Headache, 2021, , 1-12.	0.4	0
14	Ovariectomy reduces vasocontractile responses of rat middle cerebral arteries after focal cerebral ischemia. Journal of Cardiovascular Pharmacology, 2021, Publish Ahead of Print, .	1.9	1
15	Neurokinins and their receptors in the rat trigeminal system: Differential localization and release with implications for migraine pain. Molecular Pain, 2021, 17, 174480692110594.	2.1	16
16	Neuropeptides and the Nodes of Ranvier in Cranial Headaches. Frontiers in Physiology, 2021, 12, 820037.	2.8	3
17	Native CGRP Neuropeptide and Its Stable Analogue SAX, But Not CGRP Peptide Fragments, Inhibit Mucosal HIV-1 Transmission. Frontiers in Immunology, 2021, 12, 785072.	4.8	4
18	Characterisation of the calcitonin gene-related peptide receptor antagonists ubrogepant and atogepant in human isolated coronary, cerebral and middle meningeal arteries. Cephalalgia, 2020, 40, 357-366.	3.9	44

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19	Cellular distribution of PACAP-38 and PACAP receptors in the rat brain: Relation to migraine activated regions. Cephalalgia, 2020, 40, 527-542.	3.9	21
20	Views on migraine pathophysiology: Where does it start?. Neurology and Clinical Neuroscience, 2020, 8, 120-127.	0.4	4
21	Estrogen receptors $\hat{1}\pm$ , $\hat{1}^2$ and GPER in the CNS and trigeminal system - molecular and functional aspects. Journal of Headache and Pain, 2020, 21, 131.	6.0	58
22	Transcriptome profiling revealed early vascular smooth muscle cell gene activation following focal ischemic stroke in female rats â€“ comparisons with males. BMC Genomics, 2020, 21, 883.	2.8	7
23	Differences in pituitary adenylate cyclase-activating peptide and calcitonin gene-related peptide release in the trigeminovascular system. Cephalalgia, 2020, 40, 1296-1309.	3.9	21
24	Oxytocin as a regulatory neuropeptide in the trigeminovascular system: Localization, expression and function of oxytocin and oxytocin receptors. Cephalalgia, 2020, 40, 1283-1295.	3.9	19
25	Understanding side-effects of anti-CGRP and anti-CGRP receptor antibodies. Journal of Headache and Pain, 2020, 21, 26.	6.0	26
26	The distribution of oxytocin and the oxytocin receptor in rat brain: relation to regions active in migraine. Journal of Headache and Pain, 2020, 21, 10.	6.0	39
27	Expression of the CGRP Family of Neuropeptides and their Receptors in the Trigeminal Ganglion. Journal of Molecular Neuroscience, 2020, 70, 930-944.	2.3	54
28	CGRP in rat mesenteric artery and vein - receptor expression, CGRP presence and potential roles. European Journal of Pharmacology, 2020, 875, 173033.	3.5	3
29	Fluorescent Analogues of Human $\hat{1}\pm$ -Calcitonin Gene-Related Peptide with Potent Vasodilator Activity. International Journal of Molecular Sciences, 2020, 21, 1343.	4.1	7
30	Calcitonin Gene-Related Peptide (CGRP) and Cluster Headache. Brain Sciences, 2020, 10, 30.	2.3	35
31	Vancouver Declaration II on Global Headache Patient Advocacy 2019. Cephalalgia, 2020, 40, 1017-1025.	3.9	6
32	Serotonin and Neuropeptides in Blood From Episodic and Chronic Migraine and Cluster Headache Patients in Caseâ€“Control and Caseâ€“Crossover Settings: A Systematic Review and Metaâ€“Analysis. Headache, 2020, 60, 1132-1164.	3.9	28
33	The effects of CGRP in vascular tissue - Classical vasodilation, shadowed effects and systemic dilemmas. European Journal of Pharmacology, 2020, 881, 173205.	3.5	25
34	Hyperpolarization through ATP-sensitive potassium channels; relevance to migraine pathology. Brain, 2020, 143, e13-e13.	7.6	8
35	Trigeminal Mechanisms of Nociception. Headache, 2020, , 3-31.	0.4	0
36	Oxytocin as a regulatory neuropeptide in the trigeminovascular system: localization, expression and function of oxytocin and oxytocin receptors. FASEB Journal, 2020, 34, 1-1.	0.5	0

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37	Increased mortality in elderly heart failure patients receiving infusion of furosemide compared to elderly heart failure patients receiving bolus injection. Journal of Geriatric Cardiology, 2020, 17, 359-364.	0.2	1
38	Pharmacology and Pharmacokinetics of Ubrogepant: A Potent, Selective Calcitonin Gene-Related Peptide Receptor Antagonist for the Acute Treatment of Migraine. Journal of Family Practice, 2020, 69, S8-S12.	0.2	6
39	Synergistic effects of a cremophor EL drug delivery system and its U0126 cargo in an <i>ex vivo</i> model. Drug Delivery, 2019, 26, 680-688.	5.7	3
40	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.	3.9	30
41	Rimegepant oral disintegrating tablet for migraine. Lancet, The, 2019, 394, 711-712.	13.7	12
42	Does inflammation have a role in migraine?. Nature Reviews Neurology, 2019, 15, 483-490.	10.1	191
43	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.	3.5	8
44	C-fibers may modulate adjacent A $\delta$ -fibers through axon-axon CGRP signaling at nodes of Ranvier in the trigeminal system. Journal of Headache and Pain, 2019, 20, 105.	6.0	72
45	The Presence of Calcitonin Gene-Related Peptide and Its Receptors in Rat, Pig and Human Brain: Species Differences in Calcitonin Gene-Related Peptide Pharmacology. Pharmacology, 2019, 104, 332-341.	2.2	11
46	Shaping the future of migraine targeting Calcitonin-Gene-Related-Peptide with the Disease-Modifying Migraine Drugs (DMMDs). Journal of Headache and Pain, 2019, 20, 60.	6.0	24
47	Exploration of purinergic receptors as potential anti-migraine targets using established pre-clinical migraine models. Cephalalgia, 2019, 39, 1421-1434.	3.9	25
48	The changing faces of migraine. Journal of Headache and Pain, 2019, 20, 52.	6.0	1
49	Pathophysiological Mechanisms in Migraine and the Identification of New Therapeutic Targets. CNS Drugs, 2019, 33, 525-537.	5.9	74
50	Discovery of CGRP in relation to migraine. Cephalalgia, 2019, 39, 331-332.	3.9	16
51	Some aspects on the pathophysiology of migraine and a review of device therapies for migraine and cluster headache. Neurological Sciences, 2019, 40, 75-80.	1.9	9
52	MEK1/2 inhibitor U0126, but not nimodipine, reduces upregulation of cerebrovascular contractile receptors after subarachnoid haemorrhage in rats. PLoS ONE, 2019, 14, e0215398.	2.5	14
53	Role of CGRP in Migraine. Handbook of Experimental Pharmacology, 2019, 255, 121-130.	1.8	99
54	Exploration of Physiological and Pathophysiological Implications of miRNA-143 and miRNA-145 in Cerebral Arteries. Journal of Cardiovascular Pharmacology, 2019, 74, 409-419.	1.9	3

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55	Mechanisms of migraine as a chronic evolutive condition. <i>Journal of Headache and Pain</i> , 2019, 20, 117.	6.0	137
56	PAC1 receptor mRNA and protein distribution in rat and human trigeminal and sphenopalatine ganglia, spinal trigeminal nucleus and in dura mater. <i>Cephalalgia</i> , 2019, 39, 827-840.	3.9	11
57	MEK/ERK1/2 sensitive vascular changes coincide with retinal functional deficit, following transient ophthalmic artery occlusion. <i>Experimental Eye Research</i> , 2019, 179, 142-149.	2.6	3
58	CGRP receptor antagonist MK-8825 attenuates cortical spreading depression induced pain behavior. <i>Cephalalgia</i> , 2019, 39, 354-365.	3.9	64
59	Recognizing the role of CGRP and CGRP receptors in migraine and its treatment. <i>Cephalalgia</i> , 2019, 39, 366-373.	3.9	83
60	Distribution of CGRP and CGRP receptor components in the rat brain. <i>Cephalalgia</i> , 2019, 39, 342-353.	3.9	76
61	Perivascular neurotransmitters: Regulation of cerebral blood flow and role in primary headaches. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 610-632.	4.3	35
62	Pre-clinical effects of highly potent MEK1/2 inhibitors on rat cerebral vasculature after organ culture and subarachnoid haemorrhage. <i>Clinical Science</i> , 2019, 133, 1797-1811.	4.3	8
63	The Therapeutic Impact of New Migraine Discoveries. <i>Current Medicinal Chemistry</i> , 2019, 26, 6261-6281.	2.4	11
64	Smoking and Endothelial Dysfunction. <i>Current Vascular Pharmacology</i> , 2019, 18, 1-11.	1.7	51
65	CGRP as the target of new migraine therapies – successful translation from bench to clinic. <i>Nature Reviews Neurology</i> , 2018, 14, 338-350.	10.1	617
66	PACAP and its role in primary headaches. <i>Journal of Headache and Pain</i> , 2018, 19, 21.	6.0	78
67	The CGRP Pathway in Migraine as a Viable Target for Therapies. <i>Headache</i> , 2018, 58, 33-47.	3.9	68
68	Increased endothelin-1-mediated vasoconstriction after organ culture in rat and pig ocular arteries can be suppressed with MEK/ERK1/2 inhibitors. <i>Acta Ophthalmologica</i> , 2018, 96, e619-e625.	1.1	9
69	Acute mitogen-activated protein kinase 1/2 inhibition improves functional recovery and vascular changes after ischaemic stroke in rat – monitored by 9.4 T magnetic resonance imaging. <i>Acta Physiologica</i> , 2018, 223, e12985.	3.8	11
70	Headache advances in 2017: a new horizon in migraine therapy. <i>Lancet Neurology</i> , The, 2018, 17, 5-6.	10.2	6
71	Contractile Responses in Spontaneously Hypertensive Rats after Transient Middle Cerebral Artery Occlusion. <i>Pharmacology</i> , 2018, 101, 120-132.	2.2	1
72	CGRP Antibodies as Prophylaxis in Migraine. <i>Cell</i> , 2018, 175, 1719.	28.9	37

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73	Role of pannexin and adenosine triphosphate (ATP) following myocardial ischemia/reperfusion. Scandinavian Cardiovascular Journal, 2018, 52, 340-343.	1.2	16
74	Expression of Pituitary Adenylate Cyclase-activating Peptide, Calcitonin Gene-related Peptide and Headache Targets in the Trigeminal Ganglia of Rats and Humans. Neuroscience, 2018, 393, 319-332.	2.3	29
75	Fremanezumab blocks CGRP induced dilatation in human cerebral, middle meningeal and abdominal arteries. Journal of Headache and Pain, 2018, 19, 66.	6.0	30
76	PACAP38 and PAC1 receptor blockade: a new target for headache?. Journal of Headache and Pain, 2018, 19, 64.	6.0	59
77	Inhibition of mitogen-activated protein kinase 1/2 in the acute phase of stroke improves long-term neurological outcome and promotes recovery processes in rats. Acta Physiologica, 2017, 219, 814-824.	3.8	17
78	Binding and functional pharmacological characteristics of gepant-type antagonists in rat brain and mesenteric arteries. Vascular Pharmacology, 2017, 90, 36-43.	2.1	17
79	The trigeminovascular pathway: Role of CGRP and CGRP receptors in Migraine. Headache, 2017, 57, 47-55.	3.9	209
80	Topical dura mater application of CFA induces enhanced expression of c-fos and glutamate in rat trigeminal nucleus caudalis: attenuated by KYNA derivate (SZR72). Journal of Headache and Pain, 2017, 18, 39.	6.0	27
81	Blocking CGRP in migraine patients – a review of pros and cons. Journal of Headache and Pain, 2017, 18, 96.	6.0	217
82	Changes in vasodilation following myocardial ischemia/reperfusion in rats. Nitric Oxide - Biology and Chemistry, 2017, 70, 68-75.	2.7	6
83	Endothelin receptor mediated Ca <sup>2+</sup> signaling in coronary arteries after experimentally induced ischemia/reperfusion injury in rat. Journal of Molecular and Cellular Cardiology, 2017, 111, 1-9.	1.9	10
84	Cerebrovascular Gene Expression in Spontaneously Hypertensive Rats After Transient Middle Cerebral Artery Occlusion. Neuroscience, 2017, 367, 219-232.	2.3	6
85	Differential inhibitory response to telcagepant on $\pm$ CGRP induced vasorelaxation and intracellular Ca <sup>2+</sup> levels in the perfused and non-perfused isolated rat middle cerebral artery. Journal of Headache and Pain, 2017, 18, 61.	6.0	15
86	Enhanced contractility of intraparenchymal arterioles after global cerebral ischaemia in rat – new insights into the development of delayed cerebral hypoperfusion. Acta Physiologica, 2017, 220, 417-431.	3.8	10
87	Board Walk – October 2017. Cephalalgia, 2017, 37, 1111-1112.	3.9	0
88	Perivascular Neurotransmitter Regulation of Cerebral Blood Flow. , 2017, , 70-74.		0
89	Migraine, Neurogenic Inflammation, Drug Development - Pharmacochemical Aspects. Current Medicinal Chemistry, 2017, 24, 3649-3665.	2.4	42
90	Myocardial ischemia-reperfusion enhances transcriptional expression of endothelin-1 and vasoconstrictor ETB receptors via the protein kinase MEK-ERK1/2 signaling pathway in rat. PLoS ONE, 2017, 12, e0174119.	2.5	26

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91	Peripheral Sensory Neurons Expressing Melanopsin Respond to Light. <i>Frontiers in Neural Circuits</i> , 2016, 10, 60.	2.8	50
92	KYNA analogue SZR72 modifies CFA-induced dural inflammation- regarding expression of pERK1/2 and IL-1 $\beta$ in the rat trigeminal ganglion. <i>Journal of Headache and Pain</i> , 2016, 17, 64.	6.0	23
93	Reduced Mechanical Stretch Induces Enhanced Endothelin B Receptor-Mediated Contractility via Activation of Focal Adhesion Kinase and Extracellular Regulated Kinase 1/2 in Cerebral Arteries from Rat. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 68-77.	2.5	4
94	Contractile Changes in the Vasculature After Subchronic Smoking: A Comparison Between Wild Type and Surfactant Protein D Knock-Out Mice. <i>Nicotine and Tobacco Research</i> , 2016, 18, 642-646.	2.6	5
95	New insights on pyrimidine signalling within the arterial vasculature – Different roles for P2Y2 and P2Y6 receptors in large and small coronary arteries of the mouse. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 93, 1-11.	1.9	25
96	Immunohistochemical localization of the calcitonin gene-related peptide binding site in the primate trigeminovascular system using functional antagonist antibodies. <i>Neuroscience</i> , 2016, 328, 165-183.	2.3	57
97	Expression of messenger molecules and receptors in rat and human sphenopalatine ganglion indicating therapeutic targets. <i>Journal of Headache and Pain</i> , 2016, 17, 78.	6.0	33
98	The effects of MEK1/2 inhibition on cigarette smoke exposure-induced ET receptor upregulation in rat cerebral arteries. <i>Toxicology and Applied Pharmacology</i> , 2016, 304, 70-78.	2.8	10
99	Release of PACAP-38 in episodic cluster headache patients – an exploratory study. <i>Journal of Headache and Pain</i> , 2016, 17, 69.	6.0	79
100	Localization of CGRP receptor components and receptor binding sites in rhesus monkey brainstem: A detailed study using in situ hybridization, immunofluorescence, and autoradiography. <i>Journal of Comparative Neurology</i> , 2016, 524, 90-118.	1.6	60
101	Mapping the calcitonin receptor in human brain stem. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R788-R793.	1.8	26
102	Similar Adiponectin Levels in Obese Normotensive and Obese Hypertensive Men and No Vasorelaxant Effect of Adiponectin on Human Arteries. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 118, 128-135.	2.5	7
103	Pituitary Adenylate Cyclase Activating Polypeptide (PACAP) in Migraine Pathophysiology. <i>Current Topics in Neurotoxicity</i> , 2016, , 609-615.	0.4	2
104	Enhanced Endothelin-1 Mediated Vasoconstriction of the Ophthalmic Artery May Exacerbate Retinal Damage after Transient Global Cerebral Ischemia in Rat. <i>PLoS ONE</i> , 2016, 11, e0157669.	2.5	8
105	A second trigeminal <sc>CGRP</sc> receptor: function and expression of the <sc>AMY</sc> <sub>1</sub> receptor. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 595-608.	3.7	158
106	Dural administration of inflammatory soup or Complete Freund's Adjuvant induces activation and inflammatory response in the rat trigeminal ganglion. <i>Journal of Headache and Pain</i> , 2015, 16, 564.	6.0	45
107	Kynurenic acid modulates experimentally induced inflammation in the trigeminal ganglion. <i>Journal of Headache and Pain</i> , 2015, 16, 99.	6.0	48
108	Modulation of inflammatory mediators in the trigeminal ganglion by botulinum neurotoxin type A: an organ culture study. <i>Journal of Headache and Pain</i> , 2015, 16, 555.	6.0	27



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109	Experimental inflammation following dural application of complete Freund's adjuvant or inflammatory soup does not alter brain and trigeminal microvascular passage. <i>Journal of Headache and Pain</i> , 2015, 16, 91.	6.0	49
110	Endothelin-1 and Endothelin-3 Regulate Endothelin Receptor Expression in Rat Coronary Arteries. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 117, 297-305.	2.5	9
111	The Journey to Establish CGRP as a Migraine Target: A Retrospective View. <i>Headache</i> , 2015, 55, 1249-1255.	3.9	48
112	CGRP receptor antagonists and antibodies against CGRP and its receptor in migraine treatment. <i>British Journal of Clinical Pharmacology</i> , 2015, 80, 193-199.	2.4	158
113	Localization of CGRP, CGRP receptor, PACAP and glutamate in trigeminal ganglion. Relation to the blood-brain barrier. <i>Brain Research</i> , 2015, 1600, 93-109.	2.2	207
114	U0126 Attenuates Cerebral Vasoconstriction and Improves Long-Term Neurologic Outcome after Stroke in Female Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 454-460.	4.3	46
115	Safety, tolerability, and efficacy of TEV-48125 for preventive treatment of chronic migraine: a multicentre, randomised, double-blind, placebo-controlled, phase 2b study. <i>Lancet Neurology</i> , The, 2015, 14, 1091-1100.	10.2	221
116	MEK1/2 Inhibitor U0126 but Not Endothelin Receptor Antagonist Clazosentan Reduces Upregulation of Cerebrovascular Contractile Receptors and Delayed Cerebral Ischemia, and Improves Outcome after Subarachnoid Hemorrhage in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 329-337.	4.3	18
117	PACAP and its receptors in migraine pathophysiology: Commentary on Walker et al., <i>Br J Pharmacol</i> 171: 1521-1533. <i>British Journal of Pharmacology</i> , 2015, 172, 4782-4784.	5.4	3
118	The Role of ATP and P2X7 in Upregulation of Vasocontractile ET <sub>B</sub> Receptors in Basilar Arteries. <i>FASEB Journal</i> , 2015, 29, 949.2.	0.5	0
119	Different Roles for P2Y2 and P2Y6 Receptors in Large and Smaller Coronary Arteries. <i>FASEB Journal</i> , 2015, 29, 644.6.	0.5	0
120	Early MEK1/2 Inhibition after Global Cerebral Ischemia in Rats Reduces Brain Damage and Improves Outcome by Preventing Delayed Vasoconstrictor Receptor Upregulation. <i>PLoS ONE</i> , 2014, 9, e92417.	2.5	20
121	CaMKII inhibition with KN93 attenuates endothelin and serotonin receptor-mediated vasoconstriction and prevents subarachnoid hemorrhage-induced deficits in sensorimotor function. <i>Journal of Neuroinflammation</i> , 2014, 11, 207.	7.2	15
122	Differential localization and characterization of functional calcitonin gene-related peptide receptors in human subcutaneous arteries. <i>Acta Physiologica</i> , 2014, 210, 811-822.	3.8	23
123	Topical non-peptide antagonists of sensory neurotransmitters substance P and CGRP do not modify patch test and prick test reactions: a vehicle-controlled, double-blind pilot study. <i>Archives of Dermatological Research</i> , 2014, 306, 505-509.	1.9	14
124	Plasticity of Cerebrovascular Smooth Muscle Cells After Subarachnoid Hemorrhage. <i>Translational Stroke Research</i> , 2014, 5, 365-376.	4.2	23
125	Randomized controlled trial of the CGRP receptor antagonist telcagepant for migraine prevention. <i>Neurology</i> , 2014, 83, 958-966.	1.1	235
126	Comparison of the vasodilator responses of isolated human and rat middle meningeal arteries to migraine related compounds. <i>Journal of Headache and Pain</i> , 2014, 15, 22.	6.0	18



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127	CaMKII and MEK1/2 inhibition time-dependently modify inflammatory signaling in rat cerebral arteries during organ culture. <i>Journal of Neuroinflammation</i> , 2014, 11, 90.	7.2	15
128	Apolipoprotein B of low-density lipoprotein impairs nitric oxide-mediated endothelium-dependent relaxation in rat mesenteric arteries. <i>European Journal of Pharmacology</i> , 2014, 725, 10-17.	3.5	12
129	Characterization of the contractile P2Y <sub>14</sub> receptor in mouse coronary and cerebral arteries. <i>FEBS Letters</i> , 2014, 588, 2936-2943.	2.8	14
130	Pituitary adenylate cyclase activating polypeptide and migraine. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 1036-1040.	3.7	124
131	Expression and Characterization of Purinergic Receptors in Rat Middle Meningeal Artery—Potential Role in Migraine. <i>PLoS ONE</i> , 2014, 9, e108782.	2.5	35
132	Brain natriuretic peptide is a potent vasodilator in aged human microcirculation and shows a blunted response in heart failure patients. <i>Journal of Geriatric Cardiology</i> , 2014, 11, 50-6.	0.2	7
133	Early events triggering delayed vasoconstrictor receptor upregulation and cerebral ischemia after subarachnoid hemorrhage. <i>BMC Neuroscience</i> , 2013, 14, 34.	1.9	30
134	MAPK signaling pathway regulates cerebrovascular receptor expression in human cerebral arteries. <i>BMC Neuroscience</i> , 2013, 14, 12.	1.9	23
135	Localization of CGRP Receptor Components, CGRP, and Receptor Binding Sites in Human and Rhesus Cerebellar Cortex. <i>Cerebellum</i> , 2013, 12, 937-949.	2.5	39
136	Comparison of responses to vasoactive drugs in human and rat cerebral arteries using myography and pressurized cerebral artery method. <i>Cephalalgia</i> , 2013, 33, 152-159.	3.9	25
137	Secondhand cigarette smoke exposure causes upregulation of cerebrovascular 5-HT <sub>1B</sub> receptors via the R <sub>af</sub> /ERK/MAPK pathway in rats. <i>Acta Physiologica</i> , 2013, 207, 183-193.	3.8	21
138	VIP/PACAP receptors in cerebral arteries of rat: Characterization, localization and relation to intracellular calcium. <i>Neuropeptides</i> , 2013, 47, 85-92.	2.2	37
139	Differentiation of Nerve Fibers Storing CGRP and CGRP Receptors in the Peripheral Trigemino-vascular System. <i>Journal of Pain</i> , 2013, 14, 1289-1303.	1.4	201
140	Pearls and pitfalls in neural CGRP immunohistochemistry. <i>Cephalalgia</i> , 2013, 33, 593-603.	3.9	17
141	Role of VIP/PACAP in primary headaches. <i>Cephalalgia</i> , 2013, 33, 1070-1072.	3.9	18
142	Permanent Distal Occlusion of Middle Cerebral Artery in Rat Causes Local Increased ETB, 5-HT <sub>1B</sub> and AT <sub>1</sub> Receptor-Mediated Contractility Downstream of Occlusion. <i>Journal of Vascular Research</i> , 2013, 50, 396-409.	1.4	9
143	Is CGRP a marker for chronic migraine?. <i>Neurology</i> , 2013, 81, 1184-1185.	1.1	16
144	Altered Endothelin Receptor Expression and Affinity in Spontaneously Hypertensive Rat Cerebral and Coronary Arteries. <i>PLoS ONE</i> , 2013, 8, e73761.	2.5	16

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145	Male-Female Differences in Upregulation of Vasoconstrictor Responses in Human Cerebral Arteries. PLoS ONE, 2013, 8, e62698.	2.5	31
146	CGRP Receptor Antagonism and Migraine Therapy. Current Protein and Peptide Science, 2013, 14, 386-392.	1.4	21
147	Signal transduction in cerebral arteries after subarachnoid hemorrhage – a phosphoproteomic approach. FASEB Journal, 2013, 27, 700.8.	0.5	0
148	CGRP antagonists for the treatment of migraine: rationale and clinical data. Clinical Investigation, 2012, 2, 73-88.	0.0	3
149	Distribution of vasoactive intestinal peptide, pituitary adenylate cyclase-activating peptide, nitric oxide synthase, and their receptors in human and rat sphenopalatine ganglion. Neuroscience, 2012, 202, 158-168.	2.3	69
150	Basic mechanisms of migraine and its acute treatment. , 2012, 136, 319-333.		119
151	Regulation of enhanced cerebrovascular expression of proinflammatory mediators in experimental subarachnoid hemorrhage via the mitogen-activated protein kinase/extracellular signal-regulated kinase pathway. Journal of Neuroinflammation, 2012, 9, 274.	7.2	59
152	In vivo experimental stroke and in vitro organ culture induce similar changes in vasoconstrictor receptors and intracellular calcium handling in rat cerebral arteries. Experimental Brain Research, 2012, 219, 507-520.	1.5	22
153	Differential vasoactive effects of sildenafil and tadalafil on cerebral arteries. European Journal of Pharmacology, 2012, 674, 345-351.	3.5	18
154	Calcitonin gene-related peptide and its receptor components in the human sphenopalatine ganglion – Interaction with the sensory system. Brain Research, 2012, 1435, 29-39.	2.2	58
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