Lars Edvinsson

List of Publications by Year in Descending Order

518 papers	28,731 citations	84 h-index	146 g-index
538 ext. papers	31,210 ext. citations	6.1 avg, IF	7.38 L-index

#	Paper	IF	Citations
518	Lasmiditan and 5-Hydroxytryptamine in the rat trigeminal system; expression, release and interactions with 5-HT receptors.. *Journal of Headache and Pain*, **2022**, 23, 26	8.8	1
517	Dual action of the cannabinoid receptor 1 ligand arachidonyl-2Pchloroethylamide on calcitonin gene-related peptide release.. *Journal of Headache and Pain*, **2022**, 23, 30	8.8	1
516	Repair-related molecular changes during recovery phase of ischemic stroke in female rats.. *BMC Neuroscience*, **2022**, 23, 23	3.2	0
515	Update on Old and Current Targets for Antimigraine Therapies. *Headache*, **2022**, 97-109	0.2	
514	Molecular and Cellular Mechanisms of CGRP Antagonists. *Headache*, **2022**, 19-31	0.2	
513	Neuropeptides and the Nodes of Ranvier in Cranial Headaches.. *Frontiers in Physiology*, **2021**, 12, 820037	4.6	0
512	Neurokinins and their receptors in the rat trigeminal system: Differential localization and release with implications for migraine pain.. *Molecular Pain*, **2021**, 17, 17448069211059400	3.4	6
511	Identifying New Antimigraine Targets: Lessons from Molecular Biology. *Trends in Pharmacological Sciences*, **2021**, 42, 217-225	13.2	7
510	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	2	1
509	Oral rimegepant for migraine prevention. *Lancet, The*, **2021**, 397, 4-5	40	0
508	Biological and small molecule strategies in migraine therapy with relation to the calcitonin gene-related peptide family of peptides. *British Journal of Pharmacology*, **2021**,	8.6	8
507	CGRP and migraine: from bench to bedside. *Revue Neurologique*, **2021**, 177, 785-790	3	4
506	Hormonal influences in migraine - interactions of oestrogen, oxytocin and CGRP. *Nature Reviews Neurology*, **2021**, 17, 621-633	15	7
505	The CGRP Family of Neuropeptides and their Receptors in the Trigeminovascular System. *Headache* , **2021**, 1-12	0.2	
504	Native CGRP Neuropeptide and Its Stable Analogue SAX, But Not CGRP Peptide Fragments, Inhibit Mucosal HIV-1 Transmission.. *Frontiers in Immunology*, **2021**, 12, 785072	8.4	0
503	Transcriptome profiling revealed early vascular smooth muscle cell gene activation following focal ischemic stroke in female rats - comparisons with males. *BMC Genomics*, **2020**, 21, 883	4.5	0
502	Differences in pituitary adenylate cyclase-activating peptide and calcitonin gene-related peptide release in the trigeminovascular system. *Cephalalgia*, **2020**, 40, 1296-1309	6.1	15

501	Oxytocin as a regulatory neuropeptide in the trigeminovascular system: Localization, expression and function of oxytocin and oxytocin receptors. *Cephalalgia*, **2020**, 40, 1283-1295	6.1	9
500	Understanding side-effects of anti-CGRP and anti-CGRP receptor antibodies. *Journal of Headache and Pain*, **2020**, 21, 26	8.8	9
499	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	8.8	11
498	Expression of the CGRP Family of Neuropeptides and their Receptors in the Trigeminal Ganglion. *Journal of Molecular Neuroscience*, **2020**, 70, 930-944	3.3	20
497	CGRP in rat mesenteric artery and vein - receptor expression, CGRP presence and potential roles. *European Journal of Pharmacology*, **2020**, 875, 173033	5.3	1
496	Fluorescent Analogues of Human Calcitonin Gene-Related Peptide with Potent Vasodilator Activity. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	4
495	Calcitonin Gene-Related Peptide (CGRP) and Cluster Headache. *Brain Sciences*, **2020**, 10,	3.4	19
494	Vancouver Declaration II on Global Headache Patient Advocacy 2019. *Cephalalgia*, **2020**, 40, 1017-1025	6.1	5
493	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	1.7	1
492	Smoking and Endothelial Dysfunction. *Current Vascular Pharmacology*, **2020**, 18, 1-11	3.3	25
491	Trigeminal Mechanisms of Nociception. *Headache*, **2020**, 3-31	0.2	
490	Oxytocin as a regulatory neuropeptide in the trigeminovascular system: localization, expression and function of oxytocin and oxytocin receptors. *FASEB Journal*, **2020**, 34, 1-1	0.9	
489	The effects of CGRP in vascular tissue - Classical vasodilation, shadowed effects and systemic dilemmas. *European Journal of Pharmacology*, **2020**, 881, 173205	5.3	8
488	Hyperpolarization through ATP-sensitive potassium channels; relevance to migraine pathology. *Brain*, **2020**, 143, e13	11.2	4
487	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	6.1	29
486	Cellular distribution of PACAP-38 and PACAP receptors in the rat brain: Relation to migraine activated regions. *Cephalalgia*, **2020**, 40, 527-542	6.1	9
485	Views on migraine pathophysiology: Where does it start?. *Neurology and Clinical Neuroscience*, **2020**, 8, 120-127	0.3	1
484	Estrogen receptors and GPER in the CNS and trigeminal system - molecular and functional aspects. *Journal of Headache and Pain*, **2020**, 21, 131	8.8	22

483	Serotonin and Neuropeptides in Blood From Episodic and Chronic Migraine and Cluster Headache Patients in Case-Control and Case-Crossover Settings: A Systematic Review and Meta-Analysis. *Headache*, **2020**, 60, 1132-1164	4.2	11
482	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	5
481	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	2.3	5
480	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	8.8	15
479	Exploration of purinergic receptors as potential anti-migraine targets using established pre-clinical migraine models. *Cephalalgia*, **2019**, 39, 1421-1434	6.1	15
478	Pathophysiological Mechanisms in Migraine and the Identification of New Therapeutic Targets. *CNS Drugs*, **2019**, 33, 525-537	6.7	55
477	Some aspects on the pathophysiology of migraine and a review of device therapies for migraine and cluster headache. *Neurological Sciences*, **2019**, 40, 75-80	3.5	7
476	MEK1/2 inhibitor U0126, but not nimodipine, reduces upregulation of cerebrovascular contractile receptors after subarachnoid haemorrhage in rats. *PLoS ONE*, **2019**, 14, e0215398	3.7	9
475	Role of CGRP in Migraine. *Handbook of Experimental Pharmacology*, **2019**, 255, 121-130	3.2	50
474	Synergistic effects of a cremophor EL drug delivery system and its U0126 cargo in an model. *Drug Delivery*, **2019**, 26, 680-688	7	1
473	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	6.1	20
472	Rimegepant oral disintegrating tablet for migraine. *Lancet, The*, **2019**, 394, 711-712	40	7
471	Does inflammation have a role in migraine?. *Nature Reviews Neurology*, **2019**, 15, 483-490	15	106
470	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	5.3	3
469	C-fibers may modulate adjacent Aδ-fibers through axon-axon CGRP signaling at nodes of Ranvier in the trigeminal system. *Journal of Headache and Pain*, **2019**, 20, 105	8.8	44
468	The Therapeutic Impact of New Migraine Discoveries. *Current Medicinal Chemistry*, **2019**, 26, 6261-6281	4.3	5
467	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	6.5	3
466	Exploration of Physiological and Pathophysiological Implications of miRNA-143 and miRNA-145 in Cerebral Arteries. *Journal of Cardiovascular Pharmacology*, **2019**, 74, 409-419	3.1	0

465	Mechanisms of migraine as a chronic evolutive condition. *Journal of Headache and Pain*, **2019**, 20, 117	8.8	61
464	PAC1 receptor mRNA and protein distribution in rat and human trigeminal and sphenopalatine ganglia, spinal trigeminal nucleus and in dura mater. *Cephalalgia*, **2019**, 39, 827-840	6.1	7
463	MEK/ERK/1/2 sensitive vascular changes coincide with retinal functional deficit, following transient ophthalmic artery occlusion. *Experimental Eye Research*, **2019**, 179, 142-149	3.7	2
462	CGRP receptor antagonist MK-8825 attenuates cortical spreading depression induced pain behavior. *Cephalalgia*, **2019**, 39, 354-365	6.1	41
461	Recognizing the role of CGRP and CGRP receptors in migraine and its treatment. *Cephalalgia*, **2019**, 39, 366-373	6.1	54
460	Distribution of CGRP and CGRP receptor components in the rat brain. *Cephalalgia*, **2019**, 39, 342-353	6.1	53
459	Perivascular neurotransmitters: Regulation of cerebral blood flow and role in primary headaches. *Journal of Cerebral Blood Flow and Metabolism*, **2019**, 39, 610-632	7.3	17
458	CGRP as the target of new migraine therapies - successful translation from bench to clinic. *Nature Reviews Neurology*, **2018**, 14, 338-350	15	389
457	PACAP and its role in primary headaches. *Journal of Headache and Pain*, **2018**, 19, 21	8.8	48
456	The CGRP Pathway in Migraine as a Viable Target for Therapies. *Headache*, **2018**, 58 Suppl 1, 33-47	4.2	49
455	Increased endothelin-1-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	3.7	8
454	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. *Acta Physiologica*, **2018**, 223, e12985	5.6	6
453	Fremanezumab blocks CGRP induced dilatation in human cerebral, middle meningeal and abdominal arteries. *Journal of Headache and Pain*, **2018**, 19, 66	8.8	22
452	PACAP38 and PAC receptor blockade: a new target for headache?. *Journal of Headache and Pain*, **2018**, 19, 64	8.8	38
451	Headache advances in 2017: a new horizon in migraine therapy. *Lancet Neurology, The*, **2018**, 17, 5-6	24.1	5
450	Contractile Responses in Spontaneously Hypertensive Rats after Transient Middle Cerebral Artery Occlusion. *Pharmacology*, **2018**, 101, 120-132	2.3	1
449	CGRP Antibodies as Prophylaxis in Migraine. *Cell*, **2018**, 175, 1719	56.2	27
448	Role of pannexin and adenosine triphosphate (ATP) following myocardial ischemia/reperfusion. *Scandinavian Cardiovascular Journal*, **2018**, 52, 340-343	2	8

447	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	3.9	16
446	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	5.6	10
445	Binding and functional pharmacological characteristics of gepant-type antagonists in rat brain and mesenteric arteries. *Vascular Pharmacology*, **2017**, 90, 36-43	5.9	14
444	The Trigeminovascular Pathway: Role of CGRP and CGRP Receptors in Migraine. *Headache*, **2017**, 57 Suppl 2, 47-55	4.2	155
443	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	8.8	21
442	Blocking CGRP in migraine patients - a review of pros and cons. *Journal of Headache and Pain*, **2017**, 18, 96	8.8	147
441	Perivascular Neurotransmitter Regulation of Cerebral Blood Flow **2017**, 70-74		
440	Migraine, Neurogenic Inflammation, Drug Development - Pharmacochemical Aspects. *Current Medicinal Chemistry*, **2017**, 24, 3649-3665	4.3	29
439	Changes in vasodilation following myocardial ischemia/reperfusion in rats. *Nitric Oxide - Biology and Chemistry*, **2017**, 70, 68-75	5	6
438	Endothelin receptor mediated Ca signaling in coronary arteries after experimentally induced ischemia/reperfusion injury in rat. *Journal of Molecular and Cellular Cardiology*, **2017**, 111, 1-9	5.8	7
437	Cerebrovascular Gene Expression in Spontaneously Hypertensive Rats After Transient Middle Cerebral Artery Occlusion. *Neuroscience*, **2017**, 367, 219-232	3.9	4
436	Differential inhibitory response to telcagepant on ⍺CGRP induced vasorelaxation and intracellular Ca levels in the perfused and non-perfused isolated rat middle cerebral artery. *Journal of Headache and Pain*, **2017**, 18, 61	8.8	13
435	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	5.6	8
434	Board Walk - October 2017. *Cephalalgia*, **2017**, 37, 1111-1112	6.1	
433	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	3.7	21
432	Mapping the calcitonin receptor in human brain stem. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2016**, 310, R788-93	3.2	23
431	Similar Adiponectin Levels in Obese Normotensive and Obese Hypertensive Men and No Vasorelaxant Effect of Adiponectin on Human Arteries. *Basic and Clinical Pharmacology and Toxicology*, **2016**, 118, 128-35	3.1	6
430	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	3.7	8

429	Pituitary Adenylate Cyclase Activating Polypeptide (PACAP) in Migraine Pathophysiology. *Current Topics in Neurotoxicity*, **2016**, 609-615		1
428	Peripheral Sensory Neurons Expressing Melanopsin Respond to Light. *Frontiers in Neural Circuits*, **2016**, 10, 60	3.5	30
427	KYNA analogue SZR72 modifies CFA-induced dural inflammation- regarding expression of pERK1/2 and IL-1β in the rat trigeminal ganglion. *Journal of Headache and Pain*, **2016**, 17, 64	8.8	18
426	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. *Basic and Clinical Pharmacology and Toxicology*, **2016**, 119, 68-77	3.1	3
425	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, 642-6	4.9	5
424	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. *Journal of Molecular and Cellular Cardiology*, **2016**, 93, 1-11	5.8	21
423	Immunohistochemical localization of the calcitonin gene-related peptide binding site in the primate trigeminovascular system using functional antagonist antibodies. *Neuroscience*, **2016**, 328, 165-83	3.9	45
422	Expression of messenger molecules and receptors in rat and human sphenopalatine ganglion indicating therapeutic targets. *Journal of Headache and Pain*, **2016**, 17, 78	8.8	23
421	The effects of MEK1/2 inhibition on cigarette smoke exposure-induced ET receptor upregulation in rat cerebral arteries. *Toxicology and Applied Pharmacology*, **2016**, 304, 70-8	4.6	9
420	Release of PACAP-38 in episodic cluster headache patients - an exploratory study. *Journal of Headache and Pain*, **2016**, 17, 69	8.8	63
419	Localization of CGRP receptor components and receptor binding sites in rhesus monkey brainstem: A detailed study using in situ hybridization, immunofluorescence, and autoradiography. *Journal of Comparative Neurology*, **2016**, 524, 90-118	3.4	46
418	U0126 attenuates cerebral vasoconstriction and improves long-term neurologic outcome after stroke in female rats. *Journal of Cerebral Blood Flow and Metabolism*, **2015**, 35, 454-60	7.3	33
417	Safety, tolerability, and efficacy of TEV-48125 for preventive treatment of chronic migraine: a multicentre, randomised, double-blind, placebo-controlled, phase 2b study. *Lancet Neurology, The*, **2015**, 14, 1091-100	24.1	179
416	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. *Journal of Cerebral Blood Flow and Metabolism*, **2015**, 35, 329-37	7.3	15
415	PACAP and its receptors in migraine pathophysiology: Commentary on Walker et al., Br J Pharmacol 171: 1521-1533. *British Journal of Pharmacology*, **2015**, 172, 4782-4	8.6	2
414	A second trigeminal CGRP receptor: function and expression of the AMY1 receptor. *Annals of Clinical and Translational Neurology*, **2015**, 2, 595-608	5.3	118
413	Dural administration of inflammatory soup or Complete Freund's Adjuvant induces activation and inflammatory response in the rat trigeminal ganglion. *Journal of Headache and Pain*, **2015**, 16, 564	8.8	36
412	Kynurenic acid modulates experimentally induced inflammation in the trigeminal ganglion. *Journal of Headache and Pain*, **2015**, 16, 99	8.8	40

411	Modulation of inflammatory mediators in the trigeminal ganglion by botulinum neurotoxin type A: an organ culture study. *Journal of Headache and Pain*, **2015**, 16, 555	8.8	17
410	Experimental inflammation following dural application of complete Freund's adjuvant or inflammatory soup does not alter brain and trigeminal microvascular passage. *Journal of Headache and Pain*, **2015**, 16, 91	8.8	41
409	Endothelin-1 and Endothelin-3 Regulate Endothelin Receptor Expression in Rat Coronary Arteries. *Basic and Clinical Pharmacology and Toxicology*, **2015**, 117, 297-305	3.1	5
408	The Journey to Establish CGRP as a Migraine Target: A Retrospective View. *Headache*, **2015**, 55, 1249-55	4.2	42
407	CGRP receptor antagonists and antibodies against CGRP and its receptor in migraine treatment. *British Journal of Clinical Pharmacology*, **2015**, 80, 193-9	3.8	122
406	Localization of CGRP, CGRP receptor, PACAP and glutamate in trigeminal ganglion. Relation to the blood-brain barrier. *Brain Research*, **2015**, 1600, 93-109	3.7	159
405	The Role of ATP and P2X7 in Upregulation of Vasocontractile ET-B Receptors in Basilar Arteries. *FASEB Journal*, **2015**, 29, 949.2	0.9	
404	Different Roles for P2Y2 and P2Y6 Receptors in Large and Smaller Coronary Arteries. *FASEB Journal*, **2015**, 29, 644.6	0.9	
403	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. *Archives of Dermatological Research*, **2014**, 306, 505-9	3.3	13
402	Plasticity of cerebrovascular smooth muscle cells after subarachnoid hemorrhage. *Translational Stroke Research*, **2014**, 5, 365-76	7.8	17
401	Randomized controlled trial of the CGRP receptor antagonist telcagepant for migraine prevention. *Neurology*, **2014**, 83, 958-66	6.5	176
400	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	8.8	17
399	CaMKII and MEK1/2 inhibition time-dependently modify inflammatory signaling in rat cerebral arteries during organ culture. *Journal of Neuroinflammation*, **2014**, 11, 90	10.1	12
398	Apolipoprotein B of low-density lipoprotein impairs nitric oxide-mediated endothelium-dependent relaxation in rat mesenteric arteries. *European Journal of Pharmacology*, **2014**, 725, 10-7	5.3	11
397	Characterization of the contractile P2Y14 receptor in mouse coronary and cerebral arteries. *FEBS Letters*, **2014**, 588, 2936-43	3.8	13
396	Pituitary adenylate cyclase activating polypeptide and migraine. *Annals of Clinical and Translational Neurology*, **2014**, 1, 1036-40	5.3	89
395	Early MEK1/2 inhibition after global cerebral ischemia in rats reduces brain damage and improves outcome by preventing delayed vasoconstrictor receptor upregulation. *PLoS ONE*, **2014**, 9, e92417	3.7	17
394	CaMKII inhibition with KN93 attenuates endothelin and serotonin receptor-mediated vasoconstriction and prevents subarachnoid hemorrhage-induced deficits in sensorimotor function. *Journal of Neuroinflammation*, **2014**, 11, 207	10.1	8

393	Differential localization and characterization of functional calcitonin gene-related peptide receptors in human subcutaneous arteries. *Acta Physiologica*, **2014**, 210, 811-22	5.6	18
392	Expression and characterization of purinergic receptors in rat middle meningeal artery-potential role in migraine. *PLoS ONE*, **2014**, 9, e108782	3.7	24
391	Brain natriuretic peptide is a potent vasodilator in aged human microcirculation and shows a blunted response in heart failure patients. *Journal of Geriatric Cardiology*, **2014**, 11, 50-6	1.7	6
390	Early events triggering delayed vasoconstrictor receptor upregulation and cerebral ischemia after subarachnoid hemorrhage. *BMC Neuroscience*, **2013**, 14, 34	3.2	27
389	MAPK signaling pathway regulates cerebrovascular receptor expression in human cerebral arteries. *BMC Neuroscience*, **2013**, 14, 12	3.2	19
388	Localization of CGRP receptor components, CGRP, and receptor binding sites in human and rhesus cerebellar cortex. *Cerebellum*, **2013**, 12, 937-49	4.3	30
387	Comparison of responses to vasoactive drugs in human and rat cerebral arteries using myography and pressurized cerebral artery method. *Cephalalgia*, **2013**, 33, 152-9	6.1	20
386	Secondhand cigarette smoke exposure causes upregulation of cerebrovascular 5-HT(1) (B) receptors via the Raf/ERK/MAPK pathway in rats. *Acta Physiologica*, **2013**, 207, 183-93	5.6	16
385	VIP/PACAP receptors in cerebral arteries of rat: characterization, localization and relation to intracellular calcium. *Neuropeptides*, **2013**, 47, 85-92	3.3	34
384	Differentiation of nerve fibers storing CGRP and CGRP receptors in the peripheral trigeminovascular system. *Journal of Pain*, **2013**, 14, 1289-303	5.2	150
383	Pearls and pitfalls in neural CGRP immunohistochemistry. *Cephalalgia*, **2013**, 33, 593-603	6.1	15
382	Permanent distal occlusion of middle cerebral artery in rat causes local increased ETB, 5-HTB and AT receptor-mediated contractility downstream of occlusion. *Journal of Vascular Research*, **2013**, 50, 396-409	1.9	8
381	Altered endothelin receptor expression and affinity in spontaneously hypertensive rat cerebral and coronary arteries. *PLoS ONE*, **2013**, 8, e73761	3.7	13
380	Male-female differences in upregulation of vasoconstrictor responses in human cerebral arteries. *PLoS ONE*, **2013**, 8, e62698	3.7	25
379	CGRP receptor antagonism and migraine therapy. *Current Protein and Peptide Science*, **2013**, 14, 386-92	2.8	18
378	Signal transduction in cerebral arteries after subarachnoid hemorrhage - a phosphoproteomic approach. *FASEB Journal*, **2013**, 27, 700.8	0.9	
377	Differential vasoactive effects of sildenafil and tadalafil on cerebral arteries. *European Journal of Pharmacology*, **2012**, 674, 345-51	5.3	17
376	Calcitonin gene-related peptide and its receptor components in the human sphenopalatine ganglion -- interaction with the sensory system. *Brain Research*, **2012**, 1435, 29-39	3.7	47

375	Cytokines and growth factors modify the upregulation of contractile endothelin ET(A) and ET(B) receptors in rat cerebral arteries after organ culture. *Acta Physiologica*, **2012**, 205, 266-78	5.6	24
374	CGRP antagonists for the treatment of migraine: rationale and clinical data. *Clinical Investigation*, **2012**, 2, 73-88		3
373	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, 158-68	3.9	55
372	Basic mechanisms of migraine and its acute treatment. *Pharmacology & Therapeutics*, **2012**, 136, 319-33	13.9	92
371	Regulation of enhanced cerebrovascular expression of proinflammatory mediators in experimental subarachnoid hemorrhage via the mitogen-activated protein kinase kinase/extracellular signal-regulated kinase pathway. *Journal of Neuroinflammation*, **2012**, 9, 274	10.1	45
370	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, 507-20	2.3	18
369	Cigarette smoke upregulates rat coronary artery endothelin receptors in vivo. *PLoS ONE*, **2012**, 7, e33008	3.7	29
368	Secondhand smoke exposure causes bronchial hyperreactivity via transcriptionally upregulated endothelin and 5-hydroxytryptamine 2A receptors. *PLoS ONE*, **2012**, 7, e44170	3.7	14
367	Cerebellar distribution of calcitonin gene-related peptide (CGRP) and its receptor components calcitonin receptor-like receptor (CLR) and receptor activity modifying protein 1 (RAMP1) in rat. *Molecular and Cellular Neurosciences*, **2011**, 46, 333-9	4.8	55
366	Late cerebral ischaemia after subarachnoid haemorrhage: is cerebrovascular receptor upregulation the mechanism behind?. *Acta Physiologica*, **2011**, 203, 209-24	5.6	19
365	Blockade of the MEK/ERK pathway with a raf inhibitor prevents activation of pro-inflammatory mediators in cerebral arteries and reduction in cerebral blood flow after subarachnoid hemorrhage in a rat model. *Journal of Cerebral Blood Flow and Metabolism*, **2011**, 31, 144-54	7.3	47
364	Alteration in contractile G-protein coupled receptor expression by moist snuff and nicotine in rat cerebral arteries. *Toxicology and Applied Pharmacology*, **2011**, 252, 138-49	4.6	3
363	Calcitonin gene-related peptide (CGRP) and its receptor components in human and rat spinal trigeminal nucleus and spinal cord at C1-level. *BMC Neuroscience*, **2011**, 12, 112	3.2	110
362	Pharmacological characterization and expression of VIP and PACAP receptors in isolated cranial arteries of the rat. *European Journal of Pharmacology*, **2011**, 670, 186-94	5.3	30
361	Inhibition of cerebrovascular raf activation attenuates cerebral blood flow and prevents upregulation of contractile receptors after subarachnoid hemorrhage. *BMC Neuroscience*, **2011**, 12, 107	3.2	28
360	Secondhand smoke exposure induces Raf/ERK/MAPK-mediated upregulation of cerebrovascular endothelin ETA receptors. *BMC Neuroscience*, **2011**, 12, 109	3.2	24
359	Human cerebrovascular contractile receptors are upregulated via a B-Raf/MEK/ERK-sensitive signaling pathway. *BMC Neuroscience*, **2011**, 12, 5	3.2	19
358	The role of tumor necrosis factor-α and TNF-α receptors in cerebral arteries following cerebral ischemia in rat. *Journal of Neuroinflammation*, **2011**, 8, 107	10.1	65

357	Cerebral ischemia induces microvascular pro-inflammatory cytokine expression via the MEK/ERK pathway. *Journal of Neuroinflammation*, **2011**, 8, 18	10.1	1
356	Organ culture of the trigeminal ganglion induces enhanced expression of calcitonin gene-related peptide via activation of extracellular signal-regulated protein kinase 1/2. *Cephalalgia*, **2011**, 31, 95-105	6.1	30
355	Tracing neural connections to pain pathways with relevance to primary headaches. *Cephalalgia*, **2011**, 31, 737-47	6.1	60
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