

Lars Edvinsson

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3259862/lars-edvinsson-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Vasoactive peptide release in the extracerebral circulation of humans during migraine headache. <i>Annals of Neurology</i> , 1990 , 28, 183-7	9.4	1151
517	Cerebral autoregulation. <i>Cerebrovascular and Brain Metabolism Reviews</i> , 1990 , 2, 161-92		969
516	The trigeminovascular system and migraine: studies characterizing cerebrovascular and neuropeptide changes seen in humans and cats. <i>Annals of Neurology</i> , 1993 , 33, 48-56	9.4	862
515	Release of vasoactive peptides in the extracerebral circulation of humans and the cat during activation of the trigeminovascular system. <i>Annals of Neurology</i> , 1988 , 23, 193-6	9.4	683
514	Neuropeptide Y co-exists and co-operates with noradrenaline in perivascular nerve fibers. <i>Regulatory Peptides</i> , 1984 , 8, 225-35		649
513	Human in vivo evidence for trigeminovascular activation in cluster headache. Neuropeptide changes and effects of acute attacks therapies. <i>Brain</i> , 1994 , 117 (Pt 3), 427-34	11.2	530
512	Autonomic nerves, mast cells, and amine receptors in human brain vessels. A histochemical and pharmacological study. <i>Brain Research</i> , 1976 , 115, 377-93	3.7	399
511	Calcitonin gene-related peptide: functional role in cerebrovascular regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986 , 83, 5731-5	11.5	390
510	CGRP as the target of new migraine therapies - successful translation from bench to clinic. <i>Nature Reviews Neurology</i> , 2018 , 14, 338-350	15	389
509	Mechanical properties of rat cerebral arteries as studied by a sensitive device for recording of mechanical activity in isolated small blood vessels. <i>Acta Physiologica Scandinavica</i> , 1983 , 117, 49-61		388
508	Innervation of the feline cerebral vasculature by nerve fibers containing calcitonin gene-related peptide: trigeminal origin and co-existence with substance P. <i>Neuroscience Letters</i> , 1985 , 62, 131-6	3.3	353
507	Immunohistochemical localization of a vasodilatory polypeptide (VIP) in cerebrovascular nerves. <i>Brain Research</i> , 1976 , 113, 400-4	3.7	347
506	Neuropeptide Y potentiates the effect of various vasoconstrictor agents on rabbit blood vessels. <i>British Journal of Pharmacology</i> , 1984 , 83, 519-25	8.6	342
505	Perivascular peptides relax cerebral arteries concomitant with stimulation of cyclic adenosine monophosphate accumulation or release of an endothelium-derived relaxing factor in the cat. <i>Neuroscience Letters</i> , 1985 , 58, 213-7	3.3	336
504	CGRP and its receptors provide new insights into migraine pathophysiology. <i>Nature Reviews Neurology</i> , 2010 , 6, 573-82	15	335
503	Neuropeptide Y: cerebrovascular innervation and vasomotor effects in the cat. <i>Neuroscience Letters</i> , 1983 , 43, 79-84	3.3	307
502	Calcitonin gene-related peptide (CGRP): perivascular distribution and vasodilatory effects. <i>Regulatory Peptides</i> , 1986 , 15, 1-23		277

501	The concept of coupling blood flow to brain function: revision required?. <i>Annals of Neurology</i> , 1987 , 22, 289-97	9.4	262
500	Calcitonin gene-related peptide and cerebral blood vessels: distribution and vasomotor effects. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1987 , 7, 720-8	7.3	255
499	Differential distribution of calcitonin gene-related peptide and its receptor components in the human trigeminal ganglion. <i>Neuroscience</i> , 2010 , 169, 683-96	3.9	216
498	Functional role of perivascular peptides in the control of cerebral circulation. <i>Trends in Neurosciences</i> , 1985 , 8, 126-131	13.3	195
497	Central serotonergic nerves project to the pial vessels of the brain. <i>Nature</i> , 1983 , 306, 55-7	50.4	191
496	Stimulation of the superior sagittal sinus in the cat causes release of vasoactive peptides. <i>Neuropeptides</i> , 1990 , 16, 69-75	3.3	187
495	Neurobiology in primary headaches. <i>Brain Research Reviews</i> , 2005 , 48, 438-56		181
494	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> , 2015 , 14, 1091-100	24.1	179
493	Substance P: immunohistochemical localization and effect upon cat pial arteries in vitro and in situ. <i>Journal of Physiology</i> , 1981 , 318, 251-8	3.9	179
492	Randomized controlled trial of the CGRP receptor antagonist telcagepant for migraine prevention. <i>Neurology</i> , 2014 , 83, 958-66	6.5	176
491	Characterisation of 5-HT receptors in human coronary arteries by molecular and pharmacological techniques. <i>European Journal of Pharmacology</i> , 1999 , 372, 49-56	5.3	166
490	Cholinergic mechanisms in pial vessels. Histochemistry, electron microscopy and pharmacology. <i>Cell and Tissue Research</i> , 1972 , 134, 311-25	4.2	166
489	Peptide-containing nerve fibers in human cerebral arteries: immunocytochemistry, radioimmunoassay, and in vitro pharmacology. <i>Annals of Neurology</i> , 1987 , 21, 431-7	9.4	164
488	Regional distribution of mast cells containing histamine, dopamine, or 5-hydroxytryptamine in the mammalian brain. <i>Neurology</i> , 1977 , 27, 878-83	6.5	164
487	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	3.7	159
486	Messenger molecules and receptor mRNA in the human trigeminal ganglion. <i>Journal of the Autonomic Nervous System</i> , 1999 , 76, 176-83		159
485	Joint 1994 Wolff Award Presentation. Peripheral and central trigeminovascular activation in cat is blocked by the serotonin (5HT)-1D receptor agonist 311C90. <i>Headache</i> , 1994 , 34, 394-9	4.2	158
484	The Trigeminal Pathway: Role of CGRP and CGRP Receptors in Migraine. <i>Headache</i> , 2017 , 57 Suppl 2, 47-55	4.2	155

483	Retrograde tracing of nerve fibers to the rat middle cerebral artery with true blue: colocalization with different peptides. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1989 , 9, 212-8	7.3	152
482	Differentiation of nerve fibers storing CGRP and CGRP receptors in the peripheral trigeminovascular system. <i>Journal of Pain</i> , 2013 , 14, 1289-303	5.2	150
481	Blocking CGRP in migraine patients - a review of pros and cons. <i>Journal of Headache and Pain</i> , 2017 , 18, 96	8.8	147
480	Release of histamine from dural mast cells by substance P and calcitonin gene-related peptide. <i>Cephalalgia</i> , 1997 , 17, 166-74	6.1	147
479	Neuropeptide Y: immunocytochemical localization to and effect upon feline pial arteries and veins in vitro and in situ. <i>Acta Physiologica Scandinavica</i> , 1984 , 122, 155-63		146
478	Neuropeptides in migraine and cluster headache. <i>Cephalalgia</i> , 1994 , 14, 320-7	6.1	142
477	Pharmacological analysis of 5-hydroxytryptamine receptors in isolated intracranial and extracranial vessels of cat and man. <i>Circulation Research</i> , 1978 , 42, 143-51	15.7	142
476	VIP (vasoactive intestinal polypeptide)-containing nerves of intracranial arteries in mammals. <i>Cell and Tissue Research</i> , 1980 , 208, 135-42	4.2	134
475	Are brain vessels innervated also by central (non-sympathetic) adrenergic neurones?. <i>Brain Research</i> , 1973 , 63, 496-9	3.7	133
474	5-HT(1B) and 5-HT(1D) receptors in the human trigeminal ganglion: co-localization with calcitonin gene-related peptide, substance P and nitric oxide synthase. <i>Brain Research</i> , 2001 , 909, 112-20	3.7	128
473	Neuropeptide Y-like immunoreactivity in perivascular nerve fibres of the guinea-pig. <i>Regulatory Peptides</i> , 1985 , 10, 243-57		127
472	CGRP receptor antagonists and antibodies against CGRP and its receptor in migraine treatment. <i>British Journal of Clinical Pharmacology</i> , 2015 , 80, 193-9	3.8	122
471	Neuropeptide changes in a case of chronic paroxysmal hemicrania--evidence for trigemino-parasympathetic activation. <i>Cephalalgia</i> , 1996 , 16, 448-50	6.1	120
470	Nerve fibers containing neuropeptide Y in the cerebrovascular bed: immunocytochemistry, radioimmunoassay, and vasomotor effects. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1987 , 7, 45-57	7.3	120
469	Effect of stimulation of the sphenopalatine ganglion on cortical blood flow in the rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1988 , 8, 875-8	7.3	120
468	A second trigeminal CGRP receptor: function and expression of the AMY1 receptor. <i>Annals of Clinical and Translational Neurology</i> , 2015 , 2, 595-608	5.3	118
467	Calcitonin gene-related peptide is released from capsaicin-sensitive nerve fibres and induces vasodilatation of human cerebral arteries concomitant with activation of adenylyl cyclase. <i>Cephalalgia</i> , 1996 , 16, 310-6	6.1	117
466	Neuropeptide Y is a potent inhibitor of cyclic AMP accumulation in feline cerebral blood vessels. <i>Acta Physiologica Scandinavica</i> , 1985 , 124, 467-9		117

465	Cerebral ischemia upregulates vascular endothelin ET(B) receptors in rat. <i>Stroke</i> , 2002 , 33, 2311-6	6.7	115
464	Immunohistochemical localization of calcitonin receptor-like receptor and receptor activity-modifying proteins in the human cerebral vasculature. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002 , 22, 620-9	7.3	113
463	Calcitonin gene-related peptide (CGRP) and its receptor components in human and rat spinal trigeminal nucleus and spinal cord at C1-level. <i>BMC Neuroscience</i> , 2011 , 12, 112	3.2	110
462	Characterization of adenosine receptors in isolated cerebral arteries of cat. <i>British Journal of Pharmacology</i> , 1983 , 80, 631-7	8.6	110
461	Does inflammation have a role in migraine?. <i>Nature Reviews Neurology</i> , 2019 , 15, 483-490	15	106
460	Neuronal messengers in the human cerebral circulation. <i>Peptides</i> , 2001 , 22, 995-1007	3.8	106
459	Contractile 5-HT _{1B} receptors in human cerebral arteries: pharmacological characterization and localization with immunocytochemistry. <i>British Journal of Pharmacology</i> , 1999 , 128, 1133-40	8.6	104
458	Characterization of the contractile effect of neuropeptide Y in feline cerebral arteries. <i>Acta Physiologica Scandinavica</i> , 1985 , 125, 33-41		104
457	Cerebral ischemia induces microvascular pro-inflammatory cytokine expression via the MEK/ERK pathway. <i>Journal of Neuroinflammation</i> , 2010 , 7, 14	10.1	103
456	PACAP, a VIP-like peptide: immunohistochemical localization and effect upon cat pial arteries and cerebral blood flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1993 , 13, 291-7	7.3	102
455	Amine mechanisms in the cerebral circulation. <i>Pharmacological Reviews</i> , 1976 , 28, 275-348	22.5	102
454	Inhibitory effect of BIBN4096BS on cephalic vasodilatation induced by CGRP or transcranial electrical stimulation in the rat. <i>British Journal of Pharmacology</i> , 2004 , 143, 697-704	8.6	99
453	Blockade of CGRP receptors in the intracranial vasculature: a new target in the treatment of headache. <i>Cephalalgia</i> , 2004 , 24, 611-22	6.1	97
452	VIP nerve fibres around peripheral blood vessels. <i>Acta Physiologica Scandinavica</i> , 1981 , 112, 65-70		97
451	Cerebral ischemia enhances vascular angiotensin AT ₁ receptor-mediated contraction in rats. <i>Stroke</i> , 2004 , 35, 970-4	6.7	96
450	Distribution and effects of neuropeptide Y, vasoactive intestinal peptide, substance P, and calcitonin gene-related peptide in human middle meningeal arteries: comparison with cerebral and temporal arteries. <i>Peptides</i> , 1992 , 13, 527-36	3.8	96
449	Neuronal pathways to the rat middle meningeal artery revealed by retrograde tracing and immunocytochemistry. <i>Journal of the Autonomic Nervous System</i> , 1989 , 26, 69-75		96
448	Possible antimigraine mechanisms of action of the 5HT _{1F} receptor agonist LY334370. <i>Cephalalgia</i> , 1999 , 19, 851-8	6.1	94

447	Basic mechanisms of migraine and its acute treatment. <i>Pharmacology & Therapeutics</i> , 2012 , 136, 319-33	13.9	92
446	Calcitonin gene-related peptide and nitric oxide in the trigeminal ganglion: cerebral vasodilatation from trigeminal nerve stimulation involves mainly calcitonin gene-related peptide. <i>Journal of the Autonomic Nervous System</i> , 1998 , 70, 15-22		92
445	Origin and Co-localization of nitric oxide synthase, CGRP, PACAP, and VIP in the cerebral circulation of the rat. <i>Microscopy Research and Technique</i> , 2001 , 53, 221-8	2.8	92
444	Effect of the CGRP receptor antagonist BIBN4096BS in human cerebral, coronary and omental arteries and in SK-N-MC cells. <i>European Journal of Pharmacology</i> , 2002 , 434, 49-53	5.3	91
443	Inhibitory effect of BIBN4096BS, CGRP(8-37), a CGRP antibody and an RNA-Spiegelmer on CGRP induced vasodilatation in the perfused and non-perfused rat middle cerebral artery. <i>British Journal of Pharmacology</i> , 2007 , 150, 633-40	8.6	90
442	Neuronal messengers and peptide receptors in the human sphenopalatine and otic ganglia. <i>Brain Research</i> , 1999 , 826, 193-9	3.7	90
441	Pituitary adenylate cyclase activating polypeptide and migraine. <i>Annals of Clinical and Translational Neurology</i> , 2014 , 1, 1036-40	5.3	89
440	New drugs in migraine treatment and prophylaxis: telcagepant and topiramate. <i>Lancet, The</i> , 2010 , 376, 645-55	4.0	89
439	Feline cerebral veins and arteries: comparison of autonomic innervation and vasomotor responses. <i>Journal of Physiology</i> , 1982 , 325, 161-73	3.9	89
438	Substance P: localization, concentration and release in cerebral arteries, choroid plexus and dura mater. <i>Cell and Tissue Research</i> , 1983 , 234, 1-7	4.2	88
437	Peptidergic innervation of human epicardial coronary arteries. <i>Circulation Research</i> , 1993 , 73, 579-88	15.7	86
436	Plasticity of contractile endothelin-B receptors in human arteries after organ culture. <i>British Journal of Pharmacology</i> , 1996 , 119, 1159-66	8.6	85
435	Effects of topical application of a calcium antagonist (nifedipine) on feline cortical pial microvasculature under normal conditions and in focal ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1983 , 3, 44-50	7.3	84
434	Neuropeptide expression in the human trigeminal nucleus caudalis and in the cervical spinal cord C1 and C2. <i>Cephalgia</i> , 2002 , 22, 112-6	6.1	82
433	Neuropeptide localization in the "migraine generator" region of the human brainstem. <i>Cephalgia</i> , 2001 , 21, 96-101	6.1	82
432	Neurokinin A in cerebral vessels: characterization, localization and effects in vitro. <i>Regulatory Peptides</i> , 1988 , 20, 181-97		82
431	Subarachnoid Hemorrhage Enhances Endothelin Receptor Expression and Function in Rat Cerebral Arteries. <i>Neurosurgery</i> , 2003 , 52, 1188-1195	3.2	80
430	Neuropeptides in the cerebral circulation: relevance to headache. <i>Cephalgia</i> , 1995 , 15, 272-6	6.1	80

429	Localization and effects of neuropeptide Y, vasoactive intestinal polypeptide, substance P, and calcitonin gene-related peptide in human temporal arteries. <i>Annals of Neurology</i> , 1986 , 20, 496-501	9.4	80
428	Immunohistochemical Localization of Calcitonin Receptor-Like Receptor and Receptor Activity Modifying Proteins in Human Cerebral and Cranial Vasculature. <i>Scientific World Journal, The</i> , 2001 , 1, 48-48	2.2	78
427	CGRP in Primary Headaches. <i>Scientific World Journal, The</i> , 2001 , 1, 29-29	2.2	78
426	Capsaicin receptor immunoreactivity in the human trigeminal ganglion. <i>Neuroscience Letters</i> , 2002 , 330, 223-6	3.3	77
425	Neuropeptide Y antagonistic properties of D-myo-inositol-1.2.6-trisphosphate in guinea pig basilar arteries. <i>Neuropeptides</i> , 1990 , 17, 99-105	3.3	76
424	Adrenergic, cholinergic and peptidergic nerve fibres in dura mater--involvement in headache?. <i>Cephalalgia</i> , 1981 , 1, 175-9	6.1	76
423	Effects of bradykinin on pial arteries and arterioles in vitro and in situ. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1983 , 3, 231-7	7.3	76
422	Possible sites of action of the new calcitonin gene-related peptide receptor antagonists. <i>Therapeutic Advances in Neurological Disorders</i> , 2010 , 3, 369-78	6.6	73
421	Neuropeptides in headache. <i>European Journal of Neurology</i> , 1998 , 5, 329-341	6	73
420	Adenosine A1 receptor agonists inhibit trigeminovascular nociceptive transmission. <i>Brain</i> , 2002 , 125, 1392-401	11.2	73
419	Gene expression and molecular changes in cerebral arteries following subarachnoid hemorrhage in the rat. <i>Journal of Neurosurgery</i> , 2006 , 105, 438-44	3.2	72
418	Subarachnoid Hemorrhage Enhances Endothelin Receptor Expression and Function in Rat Cerebral Arteries. <i>Neurosurgery</i> , 2003 , 52, 1188-1195	3.2	72
417	Concentration of noradrenaline in pial vessels, choroid plexus, and iris during two weeks after sympathetic ganglionectomy or decentralization. <i>Acta Physiologica Scandinavica</i> , 1972 , 85, 201-6		72
416	Neuropeptides in the cerebral circulation. <i>Cerebrovascular and Brain Metabolism Reviews</i> , 1989 , 1, 230-52		72
415	Cerebral vasodilatation in the cat involves nitric oxide from parasympathetic nerves. <i>Brain Research</i> , 1996 , 707, 110-8	3.7	71
414	Tachykinins (substance P, neurokinin A, neuropeptide K, and neurokinin B) in the cerebral circulation: vasomotor responses in vitro and in situ. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1991 , 11, 567-75	7.3	70
413	Innervation of the human middle meningeal artery: immunohistochemistry, ultrastructure, and role of endothelium for vasomotility. <i>Peptides</i> , 1998 , 19, 1213-25	3.8	69
412	CGRP receptor antagonism and migraine. <i>Neurotherapeutics</i> , 2010 , 7, 164-75	6.4	67

411	The role of tumor necrosis factor- α and TNF- β receptors in cerebral arteries following cerebral ischemia in rat. <i>Journal of Neuroinflammation</i> , 2011 , 8, 107	10.1	65
410	Calcitonin gene-related peptide-LI in subarachnoid haemorrhage in man. Signs of activation of the trigemino-cerebrovascular system?. <i>British Journal of Neurosurgery</i> , 1990 , 4, 171-9	1	65
409	Pharmacological characterization of postjunctional alpha-adrenoceptors in isolated feline cerebral and peripheral arteries. <i>Acta Physiologica Scandinavica</i> , 1983 , 117, 63-73		65
408	Central projections of sensory innervation of the rat superior sagittal sinus. <i>Neuroscience</i> , 2004 , 129, 431-7	3.9	64
407	Distribution of mRNA for VIP and PACAP receptors in human cerebral arteries and cranial ganglia. <i>NeuroReport</i> , 2002 , 13, 507-9	1.7	64
406	Heterogeneous vasomotor responses of anatomically distinct feline cerebral arteries. <i>British Journal of Pharmacology</i> , 1988 , 94, 423-36	8.6	64
405	The blood-brain barrier in migraine treatment. <i>Cephalalgia</i> , 2008 , 28, 1245-58	6.1	63
404	Subarachnoid hemorrhage-induced upregulation of the 5-HT1B receptor in cerebral arteries in rats. <i>Journal of Neurosurgery</i> , 2003 , 99, 115-20	3.2	63
403	Sumatriptan Reverses the Changes in Calcitonin Gene-Related Peptide Seen in the Headache Phase of Migraine. <i>Cephalalgia</i> , 1991 , 11, 3-4	6.1	63
402	Involvement of perivascular sensory fibers in the pathophysiology of cerebral vasospasm following subarachnoid hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1990 , 10, 602-7	7.3	63
401	Release of PACAP-38 in episodic cluster headache patients - an exploratory study. <i>Journal of Headache and Pain</i> , 2016 , 17, 69	8.8	63
400	Effect of the calcitonin gene-related peptide (CGRP) receptor antagonist telcagepant in human cranial arteries. <i>Cephalalgia</i> , 2010 , 30, 1233-40	6.1	62
399	Alterations in perivascular dilatory neuropeptides (CGRP, SP, VIP) in the external jugular vein and in the cerebrospinal fluid following subarachnoid haemorrhage in man. <i>Acta Neurochirurgica</i> , 1995 , 132, 32-41	3	62
398	Acetylcholine and vasoactive intestinal peptide in cerebral blood vessels: effect of extirpation of the sphenopalatine ganglion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1989 , 9, 204-11	7.3	61
397	Mechanisms of migraine as a chronic evolutive condition. <i>Journal of Headache and Pain</i> , 2019 , 20, 117	8.8	61
396	Tracing neural connections to pain pathways with relevance to primary headaches. <i>Cephalalgia</i> , 2011 , 31, 737-47	6.1	60
395	The stable pyrimidines UDPbetaS and UTPgammaS discriminate between the P2 receptors that mediate vascular contraction and relaxation of the rat mesenteric artery. <i>British Journal of Pharmacology</i> , 2000 , 131, 51-6	8.6	60
394	Presence of contractile endothelin-A and dilatory endothelin-B receptors in human cerebral arteries. <i>Neurosurgery</i> , 1997 , 40, 346-51; discussion 351-3	3.2	60

393	Sumatriptan is a potent vasoconstrictor of human dural arteries via a 5-HT ₁ -like receptor. <i>Cephalalgia</i> , 1992 , 12, 202-5	6.1	59
392	Adrenergic innervation of the mammalian choroid plexus. <i>American Journal of Anatomy</i> , 1974 , 139, 299-307		59
391	Gene expression profiling in the human middle cerebral artery after cerebral ischemia. <i>European Journal of Neurology</i> , 2006 , 13, 1324-32	6	58
390	Importance of ERK1/2 in upregulation of endothelin type B receptors in cerebral arteries. <i>British Journal of Pharmacology</i> , 2004 , 142, 1155-61	8.6	58
389	Calcitonin gene-related peptide (human alpha-CGRP) counteracts vasoconstriction in human subarachnoid haemorrhage. <i>Neuroscience Letters</i> , 1994 , 170, 67-70	3.3	58
388	Cerebrovascular responses to capsaicin in vitro and in situ. <i>British Journal of Pharmacology</i> , 1990 , 100, 312-8	8.6	58
387	Central projections of the sensory innervation of the rat middle meningeal artery. <i>Brain Research</i> , 2008 , 1208, 103-10	3.7	57
386	Intracellular pathways involved in upregulation of vascular endothelin type B receptors in cerebral arteries of the rat. <i>Stroke</i> , 2003 , 34, 1479-83	6.7	57
385	An immunocytochemical investigation of human trigeminal nucleus caudalis: CGRP, substance P and 5-HT _{1D} -receptor immunoreactivities are expressed by trigeminal sensory fibres. <i>Cephalalgia</i> , 2002 , 22, 424-31	6.1	57
384	Characterisation of the effects of a non-peptide CGRP receptor antagonist in SK-N-MC cells and isolated human cerebral arteries. <i>European Journal of Pharmacology</i> , 2001 , 415, 39-44	5.3	56
383	Mechanisms of action of endothelin on isolated feline cerebral arteries: in vitro pharmacology and electrophysiology. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1989 , 9, 743-7	7.3	56
382	Pathophysiological Mechanisms in Migraine and the Identification of New Therapeutic Targets. <i>CNS Drugs</i> , 2019 , 33, 525-537	6.7	55
381	Distribution of vasoactive intestinal peptide, pituitary adenylate cyclase-activating peptide, nitric oxide synthase, and their receptors in human and rat sphenopalatine ganglion. <i>Neuroscience</i> , 2012 , 202, 158-68	3.9	55
380	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. <i>Molecular and Cellular Neurosciences</i> , 2011 , 46, 333-9	4.8	55
379	Characterization of the calcitonin gene-related peptide receptor antagonist telcagepant (MK-0974) in human isolated coronary arteries. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 334, 746-52	4.7	55
378	Expression of calcitonin gene-related peptide1 receptor mRNA in human trigeminal ganglia and cerebral arteries. <i>Neuroscience Letters</i> , 1997 , 229, 209-11	3.3	54
377	Enhanced expressions of microvascular smooth muscle receptors after focal cerebral ischemia occur via the MAPK MEK/ERK pathway. <i>BMC Neuroscience</i> , 2008 , 9, 85	3.2	54
376	A novel ETA-receptor antagonist, FR 139317, inhibits endothelin-induced contractions of guinea-pig pulmonary arteries, but not trachea. <i>British Journal of Pharmacology</i> , 1993 , 108, 448-52	8.6	54

375	Recognizing the role of CGRP and CGRP receptors in migraine and its treatment. <i>Cephalalgia</i> , 2019 , 39, 366-373	6.1	54
374	Treatment of migraine attacks based on the interaction with the trigemino-cerebrovascular system. <i>Journal of Headache and Pain</i> , 2008 , 9, 5-12	8.8	53
373	Triptan-induced contractile (5-HT _{1B} receptor) responses in human cerebral and coronary arteries: relationship to clinical effect. <i>Clinical Science</i> , 2005 , 109, 335-42	6.5	53
372	Calcitonin gene-related peptide (CGRP) and the pathophysiology of headache: therapeutic implications. <i>CNS Drugs</i> , 2001 , 15, 745-53	6.7	53
371	Distribution of CGRP and CGRP receptor components in the rat brain. <i>Cephalalgia</i> , 2019 , 39, 342-353	6.1	53
370	Brainstem and thalamic projections from a craniovascular sensory nervous centre in the rostral cervical spinal dorsal horn of rats. <i>Cephalalgia</i> , 2009 , 29, 935-48	6.1	52
369	Enhanced cerebrovascular expression of matrix metalloproteinase-9 and tissue inhibitor of metalloproteinase-1 via the MEK/ERK pathway during cerebral ischemia in the rat. <i>BMC Neuroscience</i> , 2009 , 10, 56	3.2	51
368	Subtype activation and interaction of protein kinase C and mitogen-activated protein kinase controlling receptor expression in cerebral arteries and microvessels after subarachnoid hemorrhage. <i>Stroke</i> , 2008 , 39, 185-90	6.7	51
367	Nociceptin immunoreactivity and receptor mRNA in the human trigeminal ganglion. <i>Brain Research</i> , 2003 , 964, 179-86	3.7	51
366	Cerebrovascular smooth muscle reactivity: a critical appraisal of in vitro and in situ techniques. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1984 , 4, 129-39	7.3	51
365	Role of CGRP in Migraine. <i>Handbook of Experimental Pharmacology</i> , 2019 , 255, 121-130	3.2	50
364	Cerebrovascular ETB, 5-HT _{1B} , and AT ₁ receptor upregulation correlates with reduction in regional CBF after subarachnoid hemorrhage. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H3750-8	5.2	50
363	New therapeutic target in primary headaches - blocking the CGRP receptor. <i>Expert Opinion on Therapeutic Targets</i> , 2003 , 7, 377-83	6.4	50
362	In-depth characterization of CGRP receptors in human intracranial arteries. <i>European Journal of Pharmacology</i> , 2003 , 481, 207-16	5.3	50
361	NOS neurones lie near branchings of cortical arteriolar. <i>NeuroReport</i> , 1993 , 4, 112-4	1.7	50
360	Reduced levels of calcitonin gene-related peptide-like immunoreactivity in human brain vessels after subarachnoid haemorrhage. <i>Neuroscience Letters</i> , 1991 , 121, 151-4	3.3	50
359	Neuronal versus endothelial origin of vasoactive acetylcholine in pial vessels. <i>Brain Research</i> , 1987 , 420, 391-6	3.7	50
358	The CGRP Pathway in Migraine as a Viable Target for Therapies. <i>Headache</i> , 2018 , 58 Suppl 1, 33-47	4.2	49

357	Demonstration of neuropeptide containing nerves and vasomotor responses to perivascular peptides in human cerebral arteries. <i>Cephalalgia</i> , 1994 , 14, 88-96	6.1	49
356	PACAP and its role in primary headaches. <i>Journal of Headache and Pain</i> , 2018 , 19, 21	8.8	48
355	Regional variation in appearance of vascular contractile endothelin-B receptors following organ culture. <i>Cardiovascular Research</i> , 1998 , 37, 254-62	9.9	48
354	Subarachnoid hemorrhage enhances endothelin receptor expression and function in rat cerebral arteries. <i>Neurosurgery</i> , 2003 , 52, 1188-94; 1194-5	3.2	48
353	Calcitonin gene-related peptide and its receptor components in the human sphenopalatine ganglion -- interaction with the sensory system. <i>Brain Research</i> , 2012 , 1435, 29-39	3.7	47
352	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. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011 , 31, 144-54	7.3	47
351	Lipid-soluble smoke particles upregulate vascular smooth muscle ETB receptors via activation of mitogen-activating protein kinases and NF-kappaB pathways. <i>Toxicological Sciences</i> , 2008 , 106, 546-55	4.4	47
350	Blockade of calcitonin gene-related peptide release after superior sagittal sinus stimulation in cat: a comparison of avitriptan and CP122,288. <i>Neuropeptides</i> , 1999 , 33, 41-6	3.3	47
349	Investigation of CGRP receptors and peptide pharmacology in human coronary arteries. Characterization with a nonpeptide antagonist. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 304, 326-33	4.7	46
348	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	3.4	46
347	Regulation of enhanced cerebrovascular expression of proinflammatory mediators in experimental subarachnoid hemorrhage via the mitogen-activated protein kinase kinase/extracellular signal-regulated kinase pathway. <i>Journal of Neuroinflammation</i> , 2012 , 9, 274	10.1	45
346	MEK1/2 inhibition attenuates vascular ETA and ETB receptor alterations after cerebral ischaemia. <i>Experimental Brain Research</i> , 2007 , 178, 470-6	2.3	45
345	Cerebral ischemia induces transcription of inflammatory and extracellular-matrix-related genes in rat cerebral arteries. <i>Experimental Brain Research</i> , 2007 , 183, 499-510	2.3	45
344	Positive inotropy mediated via CGRP receptors in isolated human myocardial trabeculae. <i>European Journal of Pharmacology</i> , 2000 , 397, 373-82	5.3	45
343	5-Hydroxytryptamine receptor characterization of human cerebral, middle meningeal and temporal arteries: regional differences. <i>Acta Physiologica Scandinavica</i> , 1993 , 147, 141-50		45
342	Aspects on the pathophysiology of migraine and cluster headache. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2001 , 89, 65-73		45
341	Immunohistochemical localization of the calcitonin gene-related peptide binding site in the primate trigeminovascular system using functional antagonist antibodies. <i>Neuroscience</i> , 2016 , 328, 165-83	3.9	45
340	C-fibers may modulate adjacent Aβ fibers through axon-axon CGRP signaling at nodes of Ranvier in the trigeminal system. <i>Journal of Headache and Pain</i> , 2019 , 20, 105	8.8	44

339	CGRP blockers in migraine therapy: where do they act?. <i>British Journal of Pharmacology</i> , 2008 , 155, 967-98.6		44
338	Cutaneous vascular reactivity is reduced in aging and in heart failure: association with inflammation. <i>Clinical Science</i> , 2003 , 105, 699-707	6.5	44
337	Neuropeptide Y-mediated constriction and dilation in rat middle cerebral arteries. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001 , 21, 77-84	7.3	44
336	Amylin: localization, effects on cerebral arteries and on local cerebral blood flow in the cat. <i>Scientific World Journal, The</i> , 2001 , 1, 168-80	2.2	44
335	Distribution and vasomotor effects of peptide HI (PHI) in feline cerebral blood vessels in vitro and in situ. <i>Regulatory Peptides</i> , 1985 , 10, 345-56		43
334	The Journey to Establish CGRP as a Migraine Target: A Retrospective View. <i>Headache</i> , 2015 , 55, 1249-55	4.2	42
333	Transcriptional regulated plasticity of vascular contractile endothelin ET(B) receptors after organ culture. <i>European Journal of Pharmacology</i> , 1997 , 329, 69-77	5.3	42
332	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	8.8	41
331	Appearance of contractile endothelin-B receptors in rat mesenteric arterial segments following organ culture. <i>Acta Physiologica Scandinavica</i> , 1998 , 163, 121-9		41
330	Evidence that calcitonin gene-related peptide contributes to the capsaicin-induced relaxation of guinea pig cerebral arteries. <i>Regulatory Peptides</i> , 1990 , 31, 167-78		41
329	Responses of isolated feline and human cerebral arteries to prostacyclin and some of its metabolites. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1983 , 3, 238-45	7.3	41
328	CGRP receptor antagonist MK-8825 attenuates cortical spreading depression induced pain behavior. <i>Cephalalgia</i> , 2019 , 39, 354-365	6.1	41
327	Kynurenic acid modulates experimentally induced inflammation in the trigeminal ganglion. <i>Journal of Headache and Pain</i> , 2015 , 16, 99	8.8	40
326	Perivascular neuropeptides (NPY, VIP, CGRP and SP) in human brain vessels after subarachnoid haemorrhage. <i>Acta Neurologica Scandinavica</i> , 1994 , 90, 324-30	3.8	39
325	P2U-receptor mediated endothelium-dependent but nitric oxide-independent vascular relaxation. <i>British Journal of Pharmacology</i> , 1998 , 123, 719-29	8.6	39
324	Modification of vasoconstrictor responses in cerebral blood vessels by lesioning of the trigeminal nerve: Possible involvement of CGRP. <i>Cephalalgia</i> , 1995 , 15, 373-383	6.1	39
323	Neuropeptide Y and the cerebral circulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1990 , 10, 591-601	7.3	39
322	Vasomotor responses of cerebral arterioles in situ to putative dopamine receptor agonists. <i>British Journal of Pharmacology</i> , 1985 , 85, 403-10	8.6	39

321	Peptide-containing nerve fibres in human extracranial tissue: a morphological basis for neuropeptide involvement in extracranial pain?. <i>Pain</i> , 1986 , 27, 391-399	8	39
320	PACAP38 and PAC receptor blockade: a new target for headache?. <i>Journal of Headache and Pain</i> , 2018 , 19, 64	8.8	38
319	Selective up-regulation of 5-HT(1B/1D) receptors during organ culture of cerebral arteries. <i>NeuroReport</i> , 2001 , 12, 1605-8	1.7	38
318	Characterization of endothelin-A receptors in the cerebral circulation. <i>NeuroReport</i> , 1993 , 4, 441-3	1.7	38
317	Hypercapnic vasodilatation in isolated rat basilar arteries is exerted via low pH and does not involve nitric oxide synthase stimulation or cyclic GMP production. <i>Acta Physiologica Scandinavica</i> , 1994 , 152, 391-7		38
316	Concentrations of putative neurovascular transmitters in major cerebral arteries and small pial vessels of various species. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1987 , 7, 497-501	7.3	38
315	Role of endothelium and nitric oxide in histamine-induced responses in human cranial arteries and detection of mRNA encoding H1- and H2-receptors by RT-PCR. <i>British Journal of Pharmacology</i> , 1997 , 121, 41-8	8.6	37
314	Effect of two novel CGRP-binding compounds in a closed cranial window rat model. <i>European Journal of Pharmacology</i> , 2007 , 567, 117-24	5.3	37
313	Presence and function of the calcitonin gene-related peptide receptor on rat pial arteries investigated in vitro and in vivo. <i>Cephalalgia</i> , 2005 , 25, 424-32	6.1	37
312	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	8.8	36
311	In depth pharmacological characterization of endothelin B receptors in the rat middle cerebral artery. <i>Neuroscience Letters</i> , 2001 , 314, 69-72	3.3	36
310	Cytokines increase endothelin ETB receptor contractile activity in rat cerebral artery. <i>NeuroReport</i> , 1999 , 10, 2355-9	1.7	36
309	Functional role for vasoactive intestinal polypeptide in the caudate nucleus: a 2-deoxy[14C]glucose investigation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1983 , 80, 1472-6	11.5	36
308	Characterization of the postsynaptic alpha-adrenoceptor in isolated feline cerebral arteries. <i>Acta Physiologica Scandinavica</i> , 1981 , 112, 105-7		36
307	Nerve fibres containing gastrin-releasing peptide around pial vessels. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1983 , 3, 386-90	7.3	36
306	Central projections of sensory innervation of the rat superficial temporal artery. <i>Brain Research</i> , 2003 , 966, 126-33	3.7	35
305	Triptans induce vasoconstriction of human arteries and veins from the thoracic wall. <i>Journal of Cardiovascular Pharmacology</i> , 2005 , 45, 476-84	3.1	35
304	VIP/PACAP receptors in cerebral arteries of rat: characterization, localization and relation to intracellular calcium. <i>Neuropeptides</i> , 2013 , 47, 85-92	3.3	34

303	Congestive heart failure: involvement of perivascular peptides reflecting activity in sympathetic, parasympathetic and afferent fibres. <i>European Journal of Clinical Investigation</i> , 1990 , 20, 85-9	4.6	34
302	Characterization of serotonin-receptors in intracranial and extracranial vessels. <i>Acta Physiologica Scandinavica</i> , 1976 , 97, 523-5		34
301	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, 454-60	7.3	33
300	The peptidergic innervation of the human superficial temporal artery: immunohistochemistry, ultrastructure, and vasomotility. <i>Peptides</i> , 1995 , 16, 275-87	3.8	33
299	Comparison of the effects of potassium and pH on the calibre of cerebral veins and arteries. <i>Pflugers Archiv European Journal of Physiology</i> , 1982 , 393, 95-8	4.6	33
298	Measurement of vasoactive neuropeptides in biological materials: problems and pitfalls from 30 years of experience and novel future approaches. <i>Cephalalgia</i> , 2010 , 30, 761-6	6.1	32
297	Transcriptional regulation of inflammatory and extracellular matrix-regulating genes in cerebral arteries following experimental subarachnoid hemorrhage in rats. Laboratory investigation. <i>Journal of Neurosurgery</i> , 2007 , 107, 1015-22	3.2	32
296	Evidence that ET-1, but not ET-3 and S6b, ET(A)-receptor mediated contractions in isolated rat mesenteric arteries are modulated by co-activation of ET(B) receptors. <i>British Journal of Pharmacology</i> , 2001 , 133, 927-35	8.6	32
295	Vasoactive intestinal peptide (VIP) like peptides in the cerebral circulation of the cat. <i>Journal of the Autonomic Nervous System</i> , 1994 , 49 Suppl, S97-103		32
294	Characterization of histamine receptors in isolated human cerebral arteries. <i>British Journal of Pharmacology</i> , 1988 , 94, 901-7	8.6	32
293	Neurogenic inflammation: a study of rat trigeminal ganglion. <i>Journal of Headache and Pain</i> , 2010 , 11, 485-95	8.8	31
292	Evidence for multiple endothelin receptors in the guinea-pig pulmonary artery and trachea. <i>British Journal of Pharmacology</i> , 1992 , 105, 376-80	8.6	31
291	Localization of CGRP receptor components, CGRP, and receptor binding sites in human and rhesus cerebellar cortex. <i>Cerebellum</i> , 2013 , 12, 937-49	4.3	30
290	Pharmacological characterization and expression of VIP and PACAP receptors in isolated cranial arteries of the rat. <i>European Journal of Pharmacology</i> , 2011 , 670, 186-94	5.3	30
289	Organ culture of the trigeminal ganglion induces enhanced expression of calcitonin gene-related peptide via activation of extracellular signal-regulated protein kinase 1/2. <i>Cephalalgia</i> , 2011 , 31, 95-105	6.1	30
288	Lipid-soluble smoke particles damage endothelial cells and reduce endothelium-dependent dilatation in rat and man. <i>BMC Cardiovascular Disorders</i> , 2006 , 6, 3	2.3	30
287	Role of mitogen-activated protein kinases in endothelin ETB receptor up-regulation after organ culture of rat mesenteric artery. <i>European Journal of Pharmacology</i> , 2003 , 482, 39-47	5.3	30
286	CGRP and adrenomedullin receptor populations in human cerebral arteries: in vitro pharmacological and molecular investigations in different artery sizes. <i>European Journal of Pharmacology</i> , 2000 , 408, 183-93	5.3	30

285	The human superior cervical ganglion: neuropeptides and peptide receptors. <i>Neuroscience Letters</i> , 1999 , 263, 121-4	3.3	30
284	Nitroxidergic innervation of guinea pig cerebral arteries. <i>Journal of the Autonomic Nervous System</i> , 1996 , 58, 108-14		30
283	Peripheral Sensory Neurons Expressing Melanopsin Respond to Light. <i>Frontiers in Neural Circuits</i> , 2016 , 10, 60	3.5	30
282	Migraine, Neurogenic Inflammation, Drug Development - Pharmacochemical Aspects. <i>Current Medicinal Chemistry</i> , 2017 , 24, 3649-3665	4.3	29
281	Improvement in neurological outcome and abolition of cerebrovascular endothelin B and 5-hydroxytryptamine 1B receptor upregulation through mitogen-activated protein kinase kinase 1/2 inhibition after subarachnoid hemorrhage in rats. <i>Journal of Neurosurgery</i> , 2011 , 114, 1143-53	3.2	29
280	Innervation pattern of malformative cortical vessels in Sturge-Weber disease: an histochemical, immunohistochemical, and ultrastructural study. <i>Neurosurgery</i> , 1997 , 41, 872-6; discussion 876-7	3.2	29
279	Characterization of calcitonin gene-related peptide receptors in human cerebral vessels. Vasomotor responses and cAMP accumulation. <i>Annals of the New York Academy of Sciences</i> , 1992 , 657, 435-40	6.5	29
278	Cortical spreading depression does not result in the release of calcitonin gene-related peptide into the external jugular vein of the cat: relevance to human migraine. <i>Cephalalgia</i> , 1993 , 13, 180-3; discussion 149	6.1	29
277	Antagonism by (D-Pro ² , D-Trp ^{7,9})-substance P of the cerebrovascular dilatation induced by substance P. <i>Acta Physiologica Scandinavica</i> , 1982 , 116, 411-6		29
276	Cigarette smoke upregulates rat coronary artery endothelin receptors in vivo. <i>PLoS ONE</i> , 2012 , 7, e33008	3.7	29
275	Characterisation of the calcitonin gene-related peptide receptor antagonists ubrogepant and atogepant in human isolated coronary, cerebral and middle meningeal arteries. <i>Cephalalgia</i> , 2020 , 40, 357-366	6.1	29
274	Inhibition of cerebrovascular raf activation attenuates cerebral blood flow and prevents upregulation of contractile receptors after subarachnoid hemorrhage. <i>BMC Neuroscience</i> , 2011 , 12, 107	3.2	28
273	Reduced responsiveness of cutaneous microcirculation in essential hypertension--a pilot study. <i>Blood Pressure</i> , 2006 , 15, 275-80	1.7	28
272	Sensory nerves in man and their role in primary headaches. <i>Cephalalgia</i> , 2001 , 21, 761-764	6.1	28
271	Increased sensitivity to ET-1 in rat cerebral arteries following organ culture. <i>NeuroReport</i> , 2000 , 11, 649-52		28
270	Cortical blood flow during head-up postural change in subjects with orthostatic hypotension. <i>Clinical Autonomic Research</i> , 1993 , 3, 311-8	4.3	28
269	Early events triggering delayed vasoconstrictor receptor upregulation and cerebral ischemia after subarachnoid hemorrhage. <i>BMC Neuroscience</i> , 2013 , 14, 34	3.2	27
268	Increased expression of vascular endothelin type B and angiotensin type 1 receptors in patients with ischemic heart disease. <i>BMC Cardiovascular Disorders</i> , 2009 , 9, 40	2.3	27

267	Subarachnoid hemorrhage induces enhanced expression of thromboxane A2 receptors in rat cerebral arteries. <i>Brain Research</i> , 2010 , 1316, 163-72	3.7	27
266	Calcitonin gene-related peptide (CGRP) levels during glyceryl trinitrate (GTN)-induced headache in healthy volunteers. <i>Cephalalgia</i> , 2010 , 30, 467-74	6.1	27
265	Reduction of bFGF-induced smooth muscle cell proliferation and endothelin receptor mRNA expression by mevastatin and atorvastatin. <i>Biochemical Pharmacology</i> , 2002 , 64, 497-505	6	27
264	CGRP receptors mediating CGRP-, adrenomedullin- and amylin-induced relaxation in porcine coronary arteries. Characterization with R Compound 1P(WO98/11128), a non-peptide antagonist. <i>British Journal of Pharmacology</i> , 2001 , 133, 1405-13	8.6	27
263	4991W93 inhibits release of calcitonin gene-related peptide in the cat but only at doses with 5HT(1B/1D) receptor agonist activity?. <i>Neuropharmacology</i> , 2001 , 40, 520-5	5.5	27
262	Functional effects of neuropeptide Y receptors on blood flow and nitric oxide levels in the human nose. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 160, 1724-8	10.2	27
261	Cutaneous sensory stimulation leading to facial flushing and release of calcitonin gene-related peptide. <i>Cephalalgia</i> , 1992 , 12, 53-6	6.1	27
260	Axonal tracing of autonomic nerve fibers to the superficial temporal artery in the rat. <i>Cell and Tissue Research</i> , 1989 , 256, 559-65	4.2	27
259	CGRP Antibodies as Prophylaxis in Migraine. <i>Cell</i> , 2018 , 175, 1719	56.2	27
258	CGRP-receptor antagonism in migraine treatment. <i>Lancet, The</i> , 2008 , 372, 2089-90	4.0	26
257	Organ culture: a new model for vascular endothelium dysfunction. <i>BMC Cardiovascular Disorders</i> , 2002 , 2, 8	2.3	26
256	Cytokines induce increased endothelin ET(B) receptor-mediated contraction. <i>European Journal of Pharmacology</i> , 1999 , 376, 223-32	5.3	26
255	Characterization of tachykinin receptors in isolated basilar arteries of guinea-pig. <i>British Journal of Pharmacology</i> , 1987 , 90, 553-9	8.6	26
254	Up-regulation of thromboxane A2 receptor expression by lipid soluble smoking particles through post-transcriptional mechanisms. <i>Atherosclerosis</i> , 2008 , 196, 608-16	3.1	25
253	Characterization of the histamine receptors in the guinea-pig lung: evidence for relaxant histamine H3 receptors in the trachea. <i>British Journal of Pharmacology</i> , 1994 , 111, 445-54	8.6	25
252	Male-female differences in upregulation of vasoconstrictor responses in human cerebral arteries. <i>PLoS ONE</i> , 2013 , 8, e62698	3.7	25
251	Smoking and Endothelial Dysfunction. <i>Current Vascular Pharmacology</i> , 2020 , 18, 1-11	3.3	25
250	Cytokines and growth factors modify the upregulation of contractile endothelin ET(A) and ET(B) receptors in rat cerebral arteries after organ culture. <i>Acta Physiologica</i> , 2012 , 205, 266-78	5.6	24

249	Secondhand smoke exposure induces Raf/ERK/MAPK-mediated upregulation of cerebrovascular endothelin ETA receptors. <i>BMC Neuroscience</i> , 2011 , 12, 109	3.2	24
248	Upregulation of contractile endothelin type B receptors by lipid-soluble cigarette smoking particles in rat cerebral arteries via activation of MAPK. <i>Toxicology and Applied Pharmacology</i> , 2010 , 249, 25-32	4.6	24
247	Comparison of MEK/ERK pathway inhibitors on the upregulation of vascular G-protein coupled receptors in rat cerebral arteries. <i>European Journal of Pharmacology</i> , 2010 , 644, 128-37	5.3	24
246	Cooperative effect of angiotensin AT(1) and endothelin ET(A) receptor antagonism limits the brain damage after ischemic stroke in rat. <i>European Journal of Pharmacology</i> , 2007 , 570, 142-8	5.3	24
245	Peptidergic and non-peptidergic innervation and vasomotor responses of human lenticulostriate and posterior cerebral arteries. <i>Peptides</i> , 2004 , 25, 2105-14	3.8	24
244	Modification of vasoconstrictor responses in cerebral blood vessels by lesioning of the trigeminal nerve: possible involvement of CGRP. <i>Cephalalgia</i> , 1995 , 15, 373-83	6.1	24
243	Comparison of the calcium entry blockers nimodipine and flunarizine on human cerebral and temporal arteries: role in cerebrovascular disorders. <i>European Journal of Clinical Pharmacology</i> , 1991 , 40, 7-15	2.8	24
242	Functional bases for a central serotonergic involvement in classic migraine: a speculative view. <i>Cephalalgia</i> , 1985 , 5, 69-78	6.1	24
241	Expression and characterization of purinergic receptors in rat middle meningeal artery-potential role in migraine. <i>PLoS ONE</i> , 2014 , 9, e108782	3.7	24
240	Mapping the calcitonin receptor in human brain stem. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R788-93	3.2	23
239	PKC and MAPK signalling pathways regulate vascular endothelin receptor expression. <i>European Journal of Pharmacology</i> , 2008 , 580, 190-200	5.3	23
238	Clinical data on the CGRP antagonist BIBN4096BS for treatment of migraine attacks. <i>CNS Neuroscience & Therapeutics</i> , 2005 , 11, 69-76		23
237	Analysis of the time course for organ culture-induced endothelin ET B receptor upregulation in rat mesenteric arteries. <i>European Journal of Pharmacology</i> , 2002 , 454, 209-15	5.3	23
236	Expression of ET(A) and ET(B) receptor mRNA in human cerebral arteries. <i>British Journal of Neurosurgery</i> , 2002 , 16, 149-53	1	23
235	Presence of neuropeptide Y Y1 receptor mediating vasoconstriction in human cerebral arteries. <i>Neuroscience Letters</i> , 1996 , 204, 145-8	3.3	23
234	Extracerebral manifestations in migraine. A peptidergic involvement?. <i>Journal of Internal Medicine</i> , 1990 , 228, 299-304	10.8	23
233	Contractile effects of neuropeptide Y in human subcutaneous resistance arteries are mediated by Y1 receptors. <i>Journal of Cardiovascular Pharmacology</i> , 1996 , 28, 764-8	3.1	23
232	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	8.8	23

231	Fremanezumab blocks CGRP induced dilatation in human cerebral, middle meningeal and abdominal arteries. <i>Journal of Headache and Pain</i> , 2018 , 19, 66	8.8	22
230	Cerebrovascular endothelin receptor upregulation in cerebral ischemia. <i>Current Vascular Pharmacology</i> , 2009 , 7, 26-33	3.3	22
229	Comparison of CGRP and NO responses in the human peripheral microcirculation of migraine and control subjects. <i>Cephalalgia</i> , 2008 , 28, 563-6	6.1	22
228	Protein kinase C inhibitors decrease endothelin ET(B) receptor mRNA expression and contraction during organ culture of rat mesenteric artery. <i>European Journal of Pharmacology</i> , 2002 , 452, 215-22	5.3	22
227	Endothelium-dependent relaxant responses to selective 5-HT(1B/1D) receptor agonists in the isolated middle cerebral artery of the rat. <i>Journal of Vascular Research</i> , 2003 , 40, 561-6	1.9	22
226	Changes in the levels of neuropeptide Y-LI in the external jugular vein in connection with vasoconstriction following subarachnoid haemorrhage in man. Involvement of sympathetic neuropeptide Y in cerebral vasospasm. <i>Acta Neurochirurgica</i> , 1990 , 107, 75-81	3	22
225	On the pathogenesis of regional cerebral ischemia in intracranial hemorrhage: a causal influence of potassium?. <i>Pediatric Research</i> , 1986 , 20, 478-80	3.2	22
224	Estrogen receptors α and GPER in the CNS and trigeminal system - molecular and functional aspects. <i>Journal of Headache and Pain</i> , 2020 , 21, 131	8.8	22
223	Topical dura mater application of CFA induces enhanced expression of c-fos and glutamate in rat trigeminal nucleus caudalis: attenuated by KYNA derivate (SZR72). <i>Journal of Headache and Pain</i> , 2017 , 18, 39	8.8	21
222	Equal contribution of increased intracranial pressure and subarachnoid blood to cerebral blood flow reduction and receptor upregulation after subarachnoid hemorrhage. Laboratory investigation. <i>Journal of Neurosurgery</i> , 2009 , 111, 978-87	3.2	21
221	Characterization of CGRP(1) receptors in the guinea pig basilar artery. <i>European Journal of Pharmacology</i> , 2001 , 414, 249-58	5.3	21
220	Tyrphostin inhibition of ATP-stimulated DNA synthesis, cell proliferation and fos-protein expression in vascular smooth muscle cells. <i>British Journal of Pharmacology</i> , 1996 , 118, 1028-34	8.6	21
219	Endothelins: a role in cerebrovascular disease?. <i>Cephalalgia</i> , 1994 , 14, 259-65	6.1	21
218	Histofluorescence study on monoamine entry into the brain before and after opening of the blood-brain barrier by various mechanisms. <i>Acta Neuropathologica</i> , 1979 , 47, 145-50	14.3	21
217	Direct vascular effects of agents used in the pharmacotherapy of cerebrovascular disease on isolated cerebral vessels. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1981 , 1, 117-28	7.3	21
216	Myocardial ischemia-reperfusion enhances transcriptional expression of endothelin-1 and vasoconstrictor ETB receptors via the protein kinase MEK-ERK1/2 signaling pathway in rat. <i>PLoS ONE</i> , 2017 , 12, e0174119	3.7	21
215	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	5.8	21
214	Expression of the CGRP Family of Neuropeptides and their Receptors in the Trigeminal Ganglion. <i>Journal of Molecular Neuroscience</i> , 2020 , 70, 930-944	3.3	20

213	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. <i>Cephalalgia</i> , 2019 , 39, 1745-1752	6.1	20
212	Comparison of responses to vasoactive drugs in human and rat cerebral arteries using myography and pressurized cerebral artery method. <i>Cephalalgia</i> , 2013 , 33, 152-9	6.1	20
211	NF-kappaB signaling mediates vascular smooth muscle endothelin type B receptor expression in resistance arteries. <i>European Journal of Pharmacology</i> , 2010 , 637, 148-54	5.3	20
210	Protein kinase C inhibition attenuates vascular ETB receptor upregulation and decreases brain damage after cerebral ischemia in rat. <i>BMC Neuroscience</i> , 2007 , 8, 7	3.2	20
209	Calcitonin Gene-Related Peptide (CGRP) and Cluster Headache. <i>Brain Sciences</i> , 2020 , 10,	3.4	19
208	MAPK signaling pathway regulates cerebrovascular receptor expression in human cerebral arteries. <i>BMC Neuroscience</i> , 2013 , 14, 12	3.2	19
207	Late cerebral ischaemia after subarachnoid haemorrhage: is cerebrovascular receptor upregulation the mechanism behind?. <i>Acta Physiologica</i> , 2011 , 203, 209-24	5.6	19
206	Human cerebrovascular contractile receptors are upregulated via a B-Raf/MEK/ERK-sensitive signaling pathway. <i>BMC Neuroscience</i> , 2011 , 12, 5	3.2	19
205	Novel migraine therapy with calcitonin gene-regulated peptide receptor antagonists. <i>Expert Opinion on Therapeutic Targets</i> , 2007 , 11, 1179-88	6.4	19
204	CGRP-receptor antagonism in migraine treatment. <i>CNS and Neurological Disorders - Drug Targets</i> , 2007 , 6, 240-6	2.6	19
203	Human endothelin subtype A receptor enhancement during tissue culture via de novo transcription. <i>Neurosurgery</i> , 2002 , 50, 127-33; discussion 133-5	3.2	19
202	Effects of kininase II inhibitors on the vasomotor response to bradykinin of feline intracranial and extracranial arteries in vitro and in situ. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1983 , 3, 339-45	7.3	19
201	Differential localization and characterization of functional calcitonin gene-related peptide receptors in human subcutaneous arteries. <i>Acta Physiologica</i> , 2014 , 210, 811-22	5.6	18
200	In vivo experimental stroke and in vitro organ culture induce similar changes in vasoconstrictor receptors and intracellular calcium handling in rat cerebral arteries. <i>Experimental Brain Research</i> , 2012 , 219, 507-20	2.3	18
199	Vascular endothelin ET(B) receptor-mediated contraction requires phosphorylation of ERK1/2 proteins. <i>European Journal of Pharmacology</i> , 2006 , 538, 124-31	5.3	18
198	Smoking particles enhance endothelin A and endothelin B receptor-mediated contractions by enhancing translation in rat bronchi. <i>BMC Pulmonary Medicine</i> , 2006 , 6, 6	3.5	18
197	Neuronal signal substances as biomarkers of migraine. <i>Headache</i> , 2006 , 46, 1088-94	4.2	18
196	Sensory nerves in man and their role in primary headaches. <i>Cephalalgia</i> , 2001 , 21, 761-4	6.1	18

195	Expression of calcitonin gene-related peptide-1 receptor mRNA in human tooth pulp and trigeminal ganglion. <i>Archives of Oral Biology</i> , 1999 , 44, 1-6	2.8	18
194	Characterization of neuropeptide Y receptors mediating contraction, potentiation and inhibition of relaxation. <i>Blood Pressure</i> , 1996 , 5, 164-9	1.7	18
193	Neuropeptides in cerebrospinal fluid of patients with Alzheimer's disease and dementia with frontotemporal lobe degeneration. <i>Dementia and Geriatric Cognitive Disorders</i> , 1993 , 4, 167-71	2.6	18
192	Neuropeptide Y and vasoactive intestinal peptide in experimental subarachnoid hemorrhage: immunocytochemistry, radioimmunoassay and pharmacology. <i>Acta Neurologica Scandinavica</i> , 1991 , 83, 103-9	3.8	18
191	Neuropeptide Y in cerebrovascular function: comparison of membrane potential changes and vasomotor responses evoked by NPY and other vasoconstrictors in the guinea pig basilar artery. <i>Neuroscience Letters</i> , 1990 , 114, 117-22	3.3	18
190	Effects of intraventricular 6-hydroxydopamine on cerebrovascular CO ₂ reactivity in anesthetized rats. <i>Acta Physiologica Scandinavica</i> , 1977 , 101, 122-5		18
189	CGRP receptor antagonism and migraine therapy. <i>Current Protein and Peptide Science</i> , 2013 , 14, 386-92	2.8	18
188	KYNA analogue SZR72 modifies CFA-induced dural inflammation- regarding expression of pERK1/2 and IL-1 β in the rat trigeminal ganglion. <i>Journal of Headache and Pain</i> , 2016 , 17, 64	8.8	18
187	Plasticity of cerebrovascular smooth muscle cells after subarachnoid hemorrhage. <i>Translational Stroke Research</i> , 2014 , 5, 365-76	7.8	17
186	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	8.8	17
185	Differential vasoactive effects of sildenafil and tadalafil on cerebral arteries. <i>European Journal of Pharmacology</i> , 2012 , 674, 345-51	5.3	17
184	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	8.8	17
183	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	3.7	17
182	Enhanced expression of CGRP in rat trigeminal ganglion neurons during cell and organ culture. <i>Brain Research</i> , 2007 , 1173, 6-13	3.7	17
181	Angiotensin II-induced vasodilatation in cerebral arteries is mediated by endothelium-derived hyperpolarising factor. <i>European Journal of Pharmacology</i> , 2006 , 531, 259-63	5.3	17
180	Transcriptional up-regulation in expression of 5-hydroxytryptamine _{2A} and transcriptional down-regulation of angiotensin II type 1 receptors during organ culture of rat mesenteric artery. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004 , 95, 280-7	3.1	17
179	Reduction of homocysteine in elderly with heart failure improved vascular function and blood pressure control but did not affect inflammatory activity. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005 , 97, 306-10	3.1	17
178	Characterization of endothelin receptors in the cerebral vasculature and their lack of effect on spreading depression. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996 , 16, 698-704	7.3	17

177	The Effects of Capsaicin on NKA and NKB in the Trige-Mino-Cerebrovascular System. <i>Cephalalgia</i> , 1989 , 9, 47-48	6.1	17
176	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	7.3	17
175	Secondhand cigarette smoke exposure causes upregulation of cerebrovascular 5-HT(1) (B) receptors via the Raf/ERK/MAPK pathway in rats. <i>Acta Physiologica</i> , 2013 , 207, 183-93	5.6	16
174	Lipid-soluble cigarette smoking particles induce expression of inflammatory and extracellular-matrix-related genes in rat cerebral arteries. <i>Vascular Health and Risk Management</i> , 2009 , 5, 333-41	4.4	16
173	Interleukin-1beta potentiates endothelin ET(B) receptor-mediated contraction in cultured segments of human temporal artery. <i>Regulatory Peptides</i> , 1999 , 81, 89-95		16
172	Influence of initial tension and changes in sensitivity during amine-induced contractions of pial arteries in vitro. <i>Archives Internationales De Pharmacodynamie Et De Therapie</i> , 1974 , 208, 235-42		16
171	Expression of Pituitary Adenylate Cyclase-activating Peptide, Calcitonin Gene-related Peptide and Headache Targets in the Trigeminal Ganglia of Rats and Humans. <i>Neuroscience</i> , 2018 , 393, 319-332	3.9	16
170	Shaping the future of migraine targeting Calcitonin-Gen-Related-Peptide with the Disease-Modifying Migraine Drugs (DMMDs). <i>Journal of Headache and Pain</i> , 2019 , 20, 60	8.8	15
169	Exploration of purinergic receptors as potential anti-migraine targets using established pre-clinical migraine models. <i>Cephalalgia</i> , 2019 , 39, 1421-1434	6.1	15
168	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, 329-37	7.3	15
167	Differences in pituitary adenylate cyclase-activating peptide and calcitonin gene-related peptide release in the trigeminovascular system. <i>Cephalalgia</i> , 2020 , 40, 1296-1309	6.1	15
166	Pearls and pitfalls in neural CGRP immunohistochemistry. <i>Cephalalgia</i> , 2013 , 33, 593-603	6.1	15
165	Cerebral microembolization in the rat: changes in blood-brain barrier permeability and cerebral blood flow as related to the degree of ischemia. <i>Acta Neurologica Scandinavica</i> , 1981 , 64, 88-100	3.8	15
164	Increased levels of endothelin ETB receptor mRNA in human omental arteries after organ culture: quantification by competitive reverse transcription-polymerase chain reaction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1998 , 25, 788-94	3	15
163	Endothelin receptor-mediated vasodilatation: effects of organ culture. <i>European Journal of Pharmacology</i> , 2008 , 579, 233-40	5.3	15
162	Noncompetitive antagonism of BIBN4096BS on CGRP-induced responses in human subcutaneous arteries. <i>British Journal of Pharmacology</i> , 2004 , 143, 1066-73	8.6	15
161	Calcitonin gene-related peptide (CGRP) in cerebrovascular disease. <i>Scientific World Journal, The</i> , 2002 , 2, 1484-90	2.2	15
160	Decreased responsiveness of vascular postjunctional alpha1-, alpha2-adrenoceptors and neuropeptide Y1 receptors in rats with heart failure. <i>Acta Physiologica Scandinavica</i> , 1999 , 166, 285-91		15

159	Altered ratio of endothelin ET(A)- and ET(B) receptor mRNA in bronchial biopsies from patients with asthma and chronic airway obstruction. <i>European Journal of Pharmacology</i> , 1999 , 365, R1-3	5.3	15
158	Neuropeptide Y and cerebral blood flow. <i>Lancet, The</i> , 1985 , 1, 1271	4.0	15
157	Characterization of 5-hydroxytryptamine receptors in human temporal arteries: comparison between migraine sufferers and nonsufferers. <i>Annals of Neurology</i> , 1982 , 12, 272-7	9.4	15
156	Binding and functional pharmacological characteristics of gepant-type antagonists in rat brain and mesenteric arteries. <i>Vascular Pharmacology</i> , 2017 , 90, 36-43	5.9	14
155	Enhanced expression of contractile endothelin ET(B) receptors in rat coronary artery after organ culture. <i>European Journal of Pharmacology</i> , 2008 , 582, 94-101	5.3	14
154	Immunoreactivity of NOS, CGRP, PACAP, SP and VIP in the trigeminal nucleus caudalis and in the cervical spinal cord C1 and C2 of the cat. <i>Journal of Headache and Pain</i> , 2003 , 4, 156-163	8.8	14
153	Relation between cyclic GMP generation and cerebrovascular reactivity: modulation by NPY and alpha-trinositol. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1995 , 77, 48-56		14
152	Inhibition of endothelin (ET-1) induced pressor responses by the endothelin (ETA) receptor antagonist FR139317 in the pithed rat. <i>Blood Pressure</i> , 1992 , 1, 108-12	1.7	14
151	Effect of pregnancy and sex steroids on alpha 1-adrenoceptor mechanisms in the guinea-pig uterine vascular bed. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1988 , 63, 375-81		14
150	Reduced levels of calcitonin gene-related peptide (CGRP) but not substance P during and after treatment of severe hypertension in man. <i>Journal of Human Hypertension</i> , 1989 , 3, 267-70	2.6	14
149	Secondhand smoke exposure causes bronchial hyperreactivity via transcriptionally upregulated endothelin and 5-hydroxytryptamine 2A receptors. <i>PLoS ONE</i> , 2012 , 7, e44170	3.7	14
148	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, 505-9	3.3	13
147	Characterization of the contractile P2Y14 receptor in mouse coronary and cerebral arteries. <i>FEBS Letters</i> , 2014 , 588, 2936-43	3.8	13
146	Differential inhibitory response to telcagepant on CGRP induced vasorelaxation and intracellular Ca levels in the perfused and non-perfused isolated rat middle cerebral artery. <i>Journal of Headache and Pain</i> , 2017 , 18, 61	8.8	13
145	Altered endothelin receptor expression and affinity in spontaneously hypertensive rat cerebral and coronary arteries. <i>PLoS ONE</i> , 2013 , 8, e73761	3.7	13
144	Up-regulation of alpha1A-adrenoceptors in rat mesenteric artery involves intracellular signal pathways. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2006 , 98, 61-7	3.1	13
143	Characterization of 5-HT Receptors Mediating Contraction of Human Cerebral, Meningeal and Temporal Arteries: Target for GR 43175 in Acute Treatment of Migraine?. <i>Cephalalgia</i> , 1989 , 9, 39-40	6.1	13
142	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	10.1	12

141	Involvement of calcium-calmodulin-dependent protein kinase II in endothelin receptor expression in rat cerebral arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H823-32	5.3	12
140	Transcriptional down-regulation of thromboxane A(2) receptor expression via activation of MAPK ERK1/2, p38/NF-kappaB pathways. <i>Journal of Vascular Research</i> , 2009 , 46, 162-74	1.9	12
139	Pathophysiology of primary headaches. <i>Current Pain and Headache Reports</i> , 2001 , 5, 71-8	4.2	12
138	Relationships between plasma levels of catecholamines and neuropeptides and the survival time in patients with congestive heart failure. <i>Journal of Internal Medicine</i> , 1994 , 235, 595-601	10.8	12
137	Innervation of the human cerebral circulation. <i>Journal of the Autonomic Nervous System</i> , 1994 , 49 Suppl, S91-6		12
136	Sensory nerve terminal activity in severe hypertension as reflected by circulating calcitonin gene-related peptide (CGRP) and substance P. <i>Blood Pressure</i> , 1992 , 1, 223-9	1.7	12
135	Examination of the involvement of neuropeptide Y (NPY) in cerebral autoregulation using the novel NPY antagonist PP56. <i>Neuropeptides</i> , 1993 , 24, 27-33	3.3	12
134	The distribution of oxytocin and the oxytocin receptor in rat brain: relation to regions active in migraine. <i>Journal of Headache and Pain</i> , 2020 , 21, 10	8.8	11
133	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, 10-7	5.3	11
132	Expression of inducible nitric oxide synthase in trigeminal ganglion cells during culture. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005 , 97, 355-63	3.1	11
131	Dilatory responses to acetylcholine, calcitonin gene-related peptide and substance P in the congestive heart failure rat. <i>Acta Physiologica Scandinavica</i> , 1999 , 165, 15-23		11
130	Helospectin-like peptides: immunochemical localization and effects on isolated cerebral arteries and on local cerebral blood flow in the cat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999 , 19, 61-73	7.3	11
129	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. <i>Headache</i> , 2020 , 60, 1132-1164	4.2	11
128	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. <i>Acta Physiologica</i> , 2017 , 219, 814-824	5.6	10
127	alpha-Trinositol: a functional (non-receptor) neuropeptide Y antagonist in vasculature. <i>Journal of Pharmacy and Pharmacology</i> , 1996 , 48, 77-84	4.8	10
126	Cerebrovascular angiotensin AT1 receptor regulation in cerebral ischemia. <i>Trends in Cardiovascular Medicine</i> , 2008 , 18, 98-103	6.9	10
125	Pharmacokinetic and pharmacodynamic variability as possible causes for different drug responses in migraine. A comment. <i>Cephalalgia</i> , 2007 , 27, 1091-3	6.1	10
124	Vasodilator effect of endothelin in cutaneous microcirculation of heart failure patients. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005 , 97, 80-5	3.1	10

123	Vasoactive intestinal peptide has a direct positive inotropic effect on isolated human myocardial trabeculae. <i>Clinical Science</i> , 2001 , 101, 637-643	6.5	10
122	Enhanced vasodilator responses to calcitonin gene-related peptide (CGRP) in subcutaneous arteries in human hypertension. <i>Journal of Human Hypertension</i> , 2002 , 16, 53-9	2.6	10
121	Peptidergic innervation of guinea-pig brain vessels: comparison with immunohistochemistry and in vitro pharmacology in rostrally and caudally located arteries. <i>Journal of the Autonomic Nervous System</i> , 1995 , 55, 179-88		10
120	Modulation of vascular contractile responses to alpha 1- and alpha 2-adrenergic and neuropeptide Y receptor stimulation in rats with ischaemic heart failure. <i>Acta Physiologica Scandinavica</i> , 1995 , 154, 429-37		10
119	Gamma 2-MSH in congestive heart failure: relation to atrial natriuretic peptide, arginine vasopressin and catecholamines. <i>Journal of Internal Medicine</i> , 1990 , 227, 183-7	10.8	10
118	Peptide-containing nerves in the rat femoral artery and vein. An immunocytochemical and vasomotor study. <i>Journal of Vascular Research</i> , 1989 , 26, 254-71	1.9	10
117	Demonstration of perivascular peptides and changes in concentration with age in man. <i>Gerontology</i> , 1986 , 32 Suppl 1, 50-2	5.5	10
116	MEK1/2 inhibitor U0126, but not nimodipine, reduces upregulation of cerebrovascular contractile receptors after subarachnoid haemorrhage in rats. <i>PLoS ONE</i> , 2019 , 14, e0215398	3.7	9
115	Oxytocin as a regulatory neuropeptide in the trigeminovascular system: Localization, expression and function of oxytocin and oxytocin receptors. <i>Cephalalgia</i> , 2020 , 40, 1283-1295	6.1	9
114	Understanding side-effects of anti-CGRP and anti-CGRP receptor antibodies. <i>Journal of Headache and Pain</i> , 2020 , 21, 26	8.8	9
113	Methylxanthines reduce in vitro human overall platelet metabolism as measured by microcalorimetry. <i>Acta Medica Scandinavica</i> , 1986 , 220, 185-8		9
112	Up-regulation of endothelin type B receptors in the human internal mammary artery in culture is dependent on protein kinase C and mitogen-activated kinase signaling pathways. <i>BMC Cardiovascular Disorders</i> , 2008 , 8, 21	2.3	9
111	Cellular distribution of PACAP-38 and PACAP receptors in the rat brain: Relation to migraine activated regions. <i>Cephalalgia</i> , 2020 , 40, 527-542	6.1	9
110	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, 70-8	4.6	9
109	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	3.7	8
108	Enhanced contractility of intraparenchymal arterioles after global cerebral ischaemia in rat - new insights into the development of delayed cerebral hypoperfusion. <i>Acta Physiologica</i> , 2017 , 220, 417-431	5.6	8
107	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	10.1	8
106	Permanent distal occlusion of middle cerebral artery in rat causes local increased ETB, 5-HTB and AT ₁ receptor-mediated contractility downstream of occlusion. <i>Journal of Vascular Research</i> , 2013 , 50, 396-409	1.9	8

105	Increased perfusion pressure enhances the expression of endothelin (ETB) and angiotensin II (AT1, AT2) receptors in rat mesenteric artery smooth muscle cells. <i>Blood Pressure</i> , 2009 , 18, 78-85	1.7	8
104	Neuropeptide Y inhibits adenylyl cyclase activity in rabbit retina. <i>Acta Ophthalmologica</i> , 1994 , 72, 326-313,7	3.7	8
103	Vascular alpha-2 adrenoceptor function is decreased in rats with congestive heart failure. <i>Cardiovascular Research</i> , 1996 , 31, 577-584	9.9	8
102	Endocardial expression and functional characterization of endothelin-1. <i>Molecular and Cellular Biochemistry</i> , 2001 , 224, 151-8	4.2	8
101	Extracerebral Levels of Circulating Vasoactive Peptides during Migraine Headache. <i>Cephalalgia</i> , 1989 , 9, 292-293	6.1	8
100	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	3.7	8
99	The effects of CGRP in vascular tissue - Classical vasodilation, shadowed effects and systemic dilemmas. <i>European Journal of Pharmacology</i> , 2020 , 881, 173205	5.3	8
98	Role of pannexin and adenosine triphosphate (ATP) following myocardial ischemia/reperfusion. <i>Scandinavian Cardiovascular Journal</i> , 2018 , 52, 340-343	2	8
97	Biological and small molecule strategies in migraine therapy with relation to the calcitonin gene-related peptide family of peptides. <i>British Journal of Pharmacology</i> , 2021 ,	8.6	8
96	Some aspects on the pathophysiology of migraine and a review of device therapies for migraine and cluster headache. <i>Neurological Sciences</i> , 2019 , 40, 75-80	3.5	7
95	Rimegepant oral disintegrating tablet for migraine. <i>Lancet, The</i> , 2019 , 394, 711-712	40	7
94	Endothelin receptor mediated Ca signaling in coronary arteries after experimentally induced ischemia/reperfusion injury in rat. <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 111, 1-9	5.8	7
93	A relationship between migraine and biliary tract disorders: findings in two Swedish samples of elderly twins. <i>Acta Neurologica Scandinavica</i> , 2010 , 122, 286-94	3.8	7
92	LPS from <i>Porphyromonas gingivalis</i> increases the sensitivity of contractile response mediated by endothelin-B (ET(B)) receptors in cultured endothelium-intact rat coronary arteries. <i>Vascular Pharmacology</i> , 2010 , 53, 250-7	5.9	7
91	Involvement of protein kinases on the upregulation of endothelin receptors in rat basilar and mesenteric arteries. <i>Experimental Biology and Medicine</i> , 2006 , 231, 403-11	3.7	7
90	Up-regulation of endothelin receptor function and mRNA expression in airway smooth muscle cells following Sephadex-induced airway inflammation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004 , 95, 43-8	3.1	7
89	Analysis of the Vasoconstrictor Effects of Sumatriptan on Human Cranial Arteries.. <i>Cephalalgia</i> , 1991 , 11, 210-211	6.1	7
88	Identifying New Antimigraine Targets: Lessons from Molecular Biology. <i>Trends in Pharmacological Sciences</i> , 2021 , 42, 217-225	13.2	7

87	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	6.1	7
86	Hormonal influences in migraine - interactions of oestrogen, oxytocin and CGRP. <i>Nature Reviews Neurology</i> , 2021 , 17, 621-633	15	7
85	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	5.6	6
84	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, 128-35	3.1	6
83	Changes in vasodilation following myocardial ischemia/reperfusion in rats. <i>Nitric Oxide - Biology and Chemistry</i> , 2017 , 70, 68-75	5	6
82	Contractile responses to ergotamine and dihydroergotamine in the perfused middle cerebral artery of rat. <i>Journal of Headache and Pain</i> , 2007 , 8, 83-9	8.8	6
81	Enhanced endothelin-1-induced contractions in mesenteric arteries from rats with congestive heart failure: role of ET(B) receptors. <i>European Journal of Heart Failure</i> , 2001 , 3, 293-9	12.3	6
80	Effects of phosphorothioated neuropeptide Y Y1-receptor antisense oligodeoxynucleotide in conscious rats and in human vessels. <i>British Journal of Pharmacology</i> , 1996 , 118, 131-6	8.6	6
79	Effects of prostaglandin E1, E2 and E2 alpha on isolated pial arteries of cat. <i>Acta Physiologica Scandinavica</i> , 1981 , 111, 487-90		6
78	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	1.7	6
77	Neurokinins and their receptors in the rat trigeminal system: Differential localization and release with implications for migraine pain.. <i>Molecular Pain</i> , 2021 , 17, 17448069211059400	3.4	6
76	The Presence of Calcitonin Gene-Related Peptide and Its Receptors in Rat, Pig and Human Brain: Species Differences in Calcitonin Gene-Related Peptide Pharmacology. <i>Pharmacology</i> , 2019 , 104, 332-341 ³		5
75	Vancouver Declaration II on Global Headache Patient Advocacy 2019. <i>Cephalalgia</i> , 2020 , 40, 1017-1025	6.1	5
74	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	3.1	5
73	Renal and cardiovascular role of the neuropeptide Y Y1 receptor in ischaemic heart failure rats. <i>Journal of Pharmacy and Pharmacology</i> , 1999 , 51, 1257-65	4.8	5
72	The Therapeutic Impact of New Migraine Discoveries. <i>Current Medicinal Chemistry</i> , 2019 , 26, 6261-6281	4.3	5
71	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, 642-6	4.9	5
70	Headache advances in 2017: a new horizon in migraine therapy. <i>Lancet Neurology, The</i> , 2018 , 17, 5-6	24.1	5

69	Influence of the cerebrovascular sympathetic innervation on regional flow, autoregulation, and blood-brain barrier function. <i>Novartis Foundation Symposium</i> , 1978 , 69-95		5
68	Pharmacology and Pharmacokinetics of Ubrogepant: A Potent, Selective Calcitonin Gene-Related Peptide Receptor Antagonist for the Acute Treatment of Migraine. <i>Journal of Family Practice</i> , 2020 , 69, S8-S12	0.2	5
67	Fluorescent Analogues of Human ϵ -Calcitonin Gene-Related Peptide with Potent Vasodilator Activity. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
66	Cerebrovascular Gene Expression in Spontaneously Hypertensive Rats After Transient Middle Cerebral Artery Occlusion. <i>Neuroscience</i> , 2017 , 367, 219-232	3.9	4
65	Analysis of ET-A and ET-B receptors using an isolated perfused rat lung preparation. <i>Acta Physiologica Scandinavica</i> , 2004 , 181, 259-64		4
64	Enhanced Ca ²⁺ -induced contractions and attenuated alpha-adrenoceptor responses in resistance arteries from rats with congestive heart failure. <i>European Journal of Heart Failure</i> , 2001 , 3, 7-13	12.3	4
63	Hyperpolarization through ATP-sensitive potassium channels; relevance to migraine pathology. <i>Brain</i> , 2020 , 143, e13	11.2	4
62	CGRP and migraine: from bench to bedside. <i>Revue Neurologique</i> , 2021 , 177, 785-790	3	4
61	Fremanezumab inhibits vasodilatory effects of CGRP and capsaicin in rat cerebral artery - Potential role in conditions of severe vasoconstriction. <i>European Journal of Pharmacology</i> , 2019 , 864, 172726	5.3	3
60	CGRP antagonists for the treatment of migraine: rationale and clinical data. <i>Clinical Investigation</i> , 2012 , 2, 73-88		3
59	Alteration in contractile G-protein coupled receptor expression by moist snuff and nicotine in rat cerebral arteries. <i>Toxicology and Applied Pharmacology</i> , 2011 , 252, 138-49	4.6	3
58	Action of 4-aminopyridine on the cerebral circulation. <i>Acta Neurologica Scandinavica</i> , 1981 , 63, 122-30	3.8	3
57	Differential effects of increasing doses of alpha-trinositol on cerebral blood flow autoregulation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1997 , 80, 38-43		3
56	Characterisation of angiotensin II receptors in isolated human subcutaneous resistance arteries. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2001 , 2, S37-S41	3	3
55	Histamine-independent modulation of the neuropeptide Y-induced pressor response by alpha-trinositol in the pithed rat. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1994 , 75, 371-6		3
54	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	6.5	3
53	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	3.1	3
52	Neuropeptide Y and the cerebral circulation. <i>Exs</i> , 2006 , 105-12		3

51	PACAP and its receptors in migraine pathophysiology: Commentary on Walker et al., Br J Pharmacol 171: 1521-1533. <i>British Journal of Pharmacology</i> , 2015 , 172, 4782-4	8.6	2
50	Aspects on the Pathophysiology of Migraine and Cluster Headache. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 89, 65-73		2
49	Evidence for a cyclic AMP-dependent pathway in angiotensin AT1-receptor activation of human omental arteries. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2001 , 2, S42-S47	3	2
48	Effects of calcium entry blockers on human platelet metabolism measured by microcalorimetry. <i>Human Toxicology</i> , 1989 , 8, 131-3		2
47	New therapeutic target in primary headaches blocking the CGRP receptor		2
46	MEK/ERK/1/2 sensitive vascular changes coincide with retinal functional deficit, following transient ophthalmic artery occlusion. <i>Experimental Eye Research</i> , 2019 , 179, 142-149	3.7	2
45	CGRP in rat mesenteric artery and vein - receptor expression, CGRP presence and potential roles. <i>European Journal of Pharmacology</i> , 2020 , 875, 173033	5.3	1
44	Synergistic effects of a cremophor EL drug delivery system and its U0126 cargo in an model. <i>Drug Delivery</i> , 2019 , 26, 680-688	7	1
43	Cerebral ischemia induces microvascular pro-inflammatory cytokine expression via the MEK/ERK pathway. <i>Journal of Neuroinflammation</i> , 2011 , 8, 18	10.1	1
42	Variability Of The Human Vascular Alpha-Adrenoceptor. <i>Cephalalgia</i> , 1987 , 7, 112-114	6.1	1
41	Increased mortality in elderly heart failure patients receiving infusion of furosemide compared to elderly heart failure patients receiving bolus injection. <i>Journal of Geriatric Cardiology</i> , 2020 , 17, 359-364	1.7	1
40	Pituitary Adenylate Cyclase Activating Polypeptide (PACAP) in Migraine Pathophysiology. <i>Current Topics in Neurotoxicity</i> , 2016 , 609-615		1
39	Views on migraine pathophysiology: Where does it start?. <i>Neurology and Clinical Neuroscience</i> , 2020 , 8, 120-127	0.3	1
38	Secondhand cigarette smoke induces increased expression of contractile endothelin receptors in rat coronary arteries via a MEK1/2 sensitive mechanism. <i>Scandinavian Cardiovascular Journal</i> , 2021 , 55, 50-55	2	1
37	Contractile Responses in Spontaneously Hypertensive Rats after Transient Middle Cerebral Artery Occlusion. <i>Pharmacology</i> , 2018 , 101, 120-132	2.3	1
36	Lasmiditan and 5-Hydroxytryptamine in the rat trigeminal system; expression, release and interactions with 5-HT receptors.. <i>Journal of Headache and Pain</i> , 2022 , 23, 26	8.8	1
35	Dual action of the cannabinoid receptor 1 ligand arachidonyl-2Pchloroethylamide on calcitonin gene-related peptide release.. <i>Journal of Headache and Pain</i> , 2022 , 23, 30	8.8	1
34	Transcriptome profiling revealed early vascular smooth muscle cell gene activation following focal ischemic stroke in female rats - comparisons with males. <i>BMC Genomics</i> , 2020 , 21, 883	4.5	0

33	Neuropeptides and the Nodes of Ranvier in Cranial Headaches.. <i>Frontiers in Physiology</i> , 2021 , 12, 8200374.6	4.6	o
32	Exploration of Physiological and Pathophysiological Implications of miRNA-143 and miRNA-145 in Cerebral Arteries. <i>Journal of Cardiovascular Pharmacology</i> , 2019 , 74, 409-419	3.1	o
31	Oral rimegepant for migraine prevention. <i>Lancet, The</i> , 2021 , 397, 4-5	4.0	o
30	Native CGRP Neuropeptide and Its Stable Analogue SAX, But Not CGRP Peptide Fragments, Inhibit Mucosal HIV-1 Transmission.. <i>Frontiers in Immunology</i> , 2021 , 12, 785072	8.4	o
29	Repair-related molecular changes during recovery phase of ischemic stroke in female rats.. <i>BMC Neuroscience</i> , 2022 , 23, 23	3.2	o
28	Perivascular Neurotransmitter Regulation of Cerebral Blood Flow 2017 , 70-74		
27	Board Walk - October 2017. <i>Cephalalgia</i> , 2017 , 37, 1111-1112	6.1	
26	Influence of Ageing on Vasomotor Responses of Human Epicardial Coronary Arteries. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 86, 183-191		
25	Modulation of Contractile Force by Endothelin Receptors in Porcine Myocardial Trabeculae. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 87, 185-192		
24	Future Preventive Therapy: Are There Promising Drug Targets?. <i>Headache Currents: A Journal for Recent Advances in Headache and Facial Pain</i> , 2006 , 3, 101-107		
23	Future Preventive Therapy: Are There Promising Drug Targets?. <i>Headache Currents: A Journal for Recent Advances in Headache and Facial Pain</i> , 2006 , 3, 101-107		
22	Interactions between cultured bovine arterial endothelial and smooth muscle cells: studies on uptake and degradation of low density lipoproteins by smooth muscle cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1993 , 73, 269-73		
21	Neurokinin A and Temporal Muscle Blood Flow. <i>Cephalalgia</i> , 1989 , 9, 74-75	6.1	
20	The Role of Calcitonin Gene-Related Peptide in Neurally Mediated Facial Flushing. <i>Cephalalgia</i> , 1989 , 9, 290-291	6.1	
19	Sensory Neuropeptides in Human Cranial Arteries. Mode of Action. <i>Cephalalgia</i> , 1989 , 9, 25-26	6.1	
18	Perivascular Peptide Transmitters: Innervation and Release in Migraine. <i>Cephalalgia</i> , 1989 , 9, 19-20	6.1	
17	Mitogen activated protein kinase inhibition attenuate cerebral blood flow reduction and abolish cerebral artery receptor upregulation after subarachnoid haemorrhage in rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, S2-S2	7.3	
16	Temporary cerebral ischaemia upregulates the 5-HT1 receptor in the middle cerebral artery. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, S36-S36	7.3	

15	TNF-alpha and EGF potentiate the ETB receptor mediated contraction in rat middle cerebral arteries. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, S14-S14	7.3
14	Gene expression in human cerebral arteries. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, S520-S520	7.3
13	The importance of extracellular calcium for endothelin type A and B receptor-mediated contraction in rat basilar artery. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, S12-S12	7.3
12	Upregulation of contractile ETB receptors in middle cerebral arteries is dependent on PKC. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, S40-S40	7.3
11	Endothelin in the Airways 2006 , 1289-1292	
10	Trigeminal Mechanisms of Nociception. <i>Headache</i> , 2020 , 3-31	0.2
9	Oxytocin as a regulatory neuropeptide in the trigeminovascular system: localization, expression and function of oxytocin and oxytocin receptors. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9
8	The Role of ATP and P2X7 in Upregulation of Vasocontractile ET-B Receptors in Basilar Arteries. <i>FASEB Journal</i> , 2015 , 29, 949.2	0.9
7	Different Roles for P2Y2 and P2Y6 Receptors in Large and Smaller Coronary Arteries. <i>FASEB Journal</i> , 2015 , 29, 644.6	0.9
6	Mechanisms of Migraine and Its Treatment 2011 , 239-253	
5	Signal transduction in cerebral arteries after subarachnoid hemorrhage - a phosphoproteomic approach. <i>FASEB Journal</i> , 2013 , 27, 700.8	0.9
4	The CGRP Family of Neuropeptides and their Receptors in the Trigemino-vascular System. <i>Headache</i> , 2021 , 1-12	0.2
3	A pathophysiological view of primary headaches. <i>Functional Neurology</i> , 2000 , 15 Suppl 3, 50-60	2.2
2	Update on Old and Current Targets for Antimigraine Therapies. <i>Headache</i> , 2022 , 97-109	0.2
1	Molecular and Cellular Mechanisms of CGRP Antagonists. <i>Headache</i> , 2022 , 19-31	0.2