

Susan D Brain

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7029852/susan-d-brain-publications-by-citations.pdf>

Version: 2024-04-23

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.

160
papers

10,468
citations

52
h-index

99
g-index

171
ext. papers

11,371
ext. citations

7.7
avg, IF

6
L-index

#	Paper	IF	Citations
160	Calcitonin gene-related peptide is a potent vasodilator. <i>Nature</i> , 1985 , 313, 54-6	50.4	1826
159	Vascular actions of calcitonin gene-related peptide and adrenomedullin. <i>Physiological Reviews</i> , 2004 , 84, 903-34	47.9	585
158	Calcitonin gene-related peptide: physiology and pathophysiology. <i>Physiological Reviews</i> , 2014 , 94, 1099-142	47.9	560
157	Neutrophils in development of multiple organ failure in sepsis. <i>Lancet, The</i> , 2006 , 368, 157-69	40	454
156	Inflammatory oedema induced by synergism between calcitonin gene-related peptide (CGRP) and mediators of increased vascular permeability. <i>British Journal of Pharmacology</i> , 1985 , 86, 855-60	8.6	370
155	Substance P regulates the vasodilator activity of calcitonin gene-related peptide. <i>Nature</i> , 1988 , 335, 73-5	50.4	267
154	Sensory neuropeptides: their role in inflammation and wound healing. <i>Immunopharmacology</i> , 1997 , 37, 133-52		199
153	The release of leukotriene B4-like material in biologically active amounts from the lesional skin of patients with psoriasis. <i>Journal of Investigative Dermatology</i> , 1984 , 83, 70-3	4.3	192
152	The identification of hydroxy fatty acids in psoriatic skin. <i>Prostaglandins</i> , 1983 , 26, 431-47		165
151	Production of intraepidermal microabscesses by topical application of leukotriene B4. <i>Journal of Investigative Dermatology</i> , 1984 , 82, 202-4	4.3	159
150	Neuropeptides and their receptors: innovative science providing novel therapeutic targets. <i>British Journal of Pharmacology</i> , 2006 , 147 Suppl 1, S202-11	8.6	142
149	Involvement of transient receptor potential vanilloid 1 in the vascular and hyperalgesic components of joint inflammation. <i>Arthritis and Rheumatism</i> , 2005 , 52, 3248-56		139
148	Potent vasodilator activity of calcitonin gene-related peptide in human skin. <i>Journal of Investigative Dermatology</i> , 1986 , 87, 533-6	4.3	137
147	A distinct role for transient receptor potential ankyrin 1, in addition to transient receptor potential vanilloid 1, in tumor necrosis factor α -induced inflammatory hyperalgesia and Freund's complete adjuvant-induced monoarthritis. <i>Arthritis and Rheumatism</i> , 2011 , 63, 819-29		125
146	Interactions between the tachykinins and calcitonin gene-related peptide lead to the modulation of oedema formation and blood flow in rat skin. <i>British Journal of Pharmacology</i> , 1989 , 97, 77-82	8.6	119
145	Evidence for the pathophysiological relevance of TRPA1 receptors in the cardiovascular system in vivo. <i>Cardiovascular Research</i> , 2010 , 87, 760-8	9.9	103
144	A calcitonin gene-related peptide (CGRP) antagonist (CGRP8-37) inhibits microvascular responses induced by CGRP and capsaicin in skin. <i>British Journal of Pharmacology</i> , 1991 , 104, 738-42	8.6	95

143	Nerve growth factor induced hyperalgesia in the rat hind paw is dependent on circulating neutrophils. <i>Pain</i> , 1998 , 77, 315-322	8	93
142	Effect of a calcitonin gene-related peptide antagonist (CGRP8-37) on skin vasodilatation and oedema induced by stimulation of the rat saphenous nerve. <i>British Journal of Pharmacology</i> , 1993 , 110, 772-6	8.6	91
141	Neurokinin-1 receptor agonists are involved in mediating neutrophil accumulation in the inflamed, but not normal, cutaneous microvasculature: an in vivo study using neurokinin-1 receptor knockout mice. <i>Journal of Immunology</i> , 2000 , 164, 5424-9	5.3	90
140	Neurovascular aspects of skin neurogenic inflammation. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2011 , 15, 33-9	1.1	85
139	Endothelin induces potent microvascular constriction. <i>British Journal of Pharmacology</i> , 1988 , 95, 1005-7	8.6	85
138	Hydrogen peroxide is a novel mediator of inflammatory hyperalgesia, acting via transient receptor potential vanilloid 1-dependent and independent mechanisms. <i>Pain</i> , 2009 , 141, 135-42	8	84
137	TRPA1 is essential for the vascular response to environmental cold exposure. <i>Nature Communications</i> , 2014 , 5, 5732	17.4	83
136	TRPV1 deletion enhances local inflammation and accelerates the onset of systemic inflammatory response syndrome. <i>Journal of Immunology</i> , 2012 , 188, 5741-51	5.3	82
135	Human mast cell tryptase attenuates the vasodilator activity of calcitonin gene-related peptide. <i>Biochemical Pharmacology</i> , 1992 , 43, 1243-8	6	81
134	The Role of Calcitonin Gene Related Peptide (CGRP) in Neurogenic Vasodilation and Its Cardioprotective Effects. <i>Frontiers in Physiology</i> , 2018 , 9, 1249	4.6	80
133	Calcitonin gene-related peptide (CGRP) and its role in hypertension. <i>Neuropeptides</i> , 2011 , 45, 93-104	3.3	79
132	Calcitonin gene-related peptide: vasoactive effects and potential therapeutic role. <i>General Pharmacology</i> , 1996 , 27, 607-11		79
131	The hop phytoestrogen, 8-prenylnaringenin, reverses the ovariectomy-induced rise in skin temperature in an animal model of menopausal hot flashes. <i>Journal of Endocrinology</i> , 2006 , 191, 399-405	4.7	78
130	An ongoing role of calcitonin gene-related peptide as part of a protective network against hypertension, vascular hypertrophy, and oxidative stress. <i>Hypertension</i> , 2014 , 63, 1056-62	8.5	76
129	The transient receptor potential vanilloid 1 (TRPV1) receptor protects against the onset of sepsis after endotoxin. <i>FASEB Journal</i> , 2007 , 21, 3747-55	0.9	76
128	Differential role of corticotrophin-releasing factor receptor types 1 and 2 in stress-induced suppression of pulsatile luteinising hormone secretion in the female rat. <i>Journal of Neuroendocrinology</i> , 2006 , 18, 602-10	3.8	76
127	Trigeminal ganglion stimulation increases facial skin blood flow in the rat: a major role for calcitonin gene-related peptide. <i>Brain Research</i> , 1995 , 669, 93-9	3.7	73
126	Evidence for the role of neurogenic inflammation components in trypsin-elicited scratching behaviour in mice. <i>British Journal of Pharmacology</i> , 2008 , 154, 1094-103	8.6	71

125	Nitric oxide-dependent release of vasodilator quantities of calcitonin gene-related peptide from capsaicin-sensitive nerves in rabbit skin. <i>British Journal of Pharmacology</i> , 1994 , 111, 425-30	8.6	69
124	Time-dependent synergistic interactions between the vasodilator neuropeptide, calcitonin gene-related peptide (CGRP) and mediators of inflammation. <i>British Journal of Pharmacology</i> , 1991 , 103, 1515-9	8.6	67
123	Leukotrienes C4 and D4 in psoriatic skin lesions. <i>Prostaglandins</i> , 1985 , 29, 611-9		67
122	A role for TRPV1 in influencing the onset of cardiovascular disease in obesity. <i>Hypertension</i> , 2013 , 61, 246-52	8.5	66
121	Leukotriene B4-like material in scale of psoriatic skin lesions. <i>British Journal of Pharmacology</i> , 1984 , 83, 313-7	8.6	66
120	A Novel ϵ Calcitonin Gene-Related Peptide Analogue Protects Against End-Organ Damage in Experimental Hypertension, Cardiac Hypertrophy, and Heart Failure. <i>Circulation</i> , 2017 , 136, 367-383	16.7	63
119	Effect of high-fat feeding on expression of genes controlling availability of dopamine in mouse hypothalamus. <i>Nutrition</i> , 2010 , 26, 411-22	4.8	62
118	Mustard oil induces a transient receptor potential vanilloid 1 receptor-independent neurogenic inflammation and a non-neurogenic cellular inflammatory component in mice. <i>Neuroscience</i> , 2004 , 125, 449-59	3.9	61
117	Evidence for a novel protective role of the vanilloid TRPV1 receptor in a cutaneous contact allergic dermatitis model. <i>Journal of Neuroimmunology</i> , 2005 , 169, 86-96	3.5	61
116	Superoxide generation and leukocyte accumulation: key elements in the mediation of leukotriene B ₄ -induced itch by transient receptor potential ankyrin 1 and transient receptor potential vanilloid 1. <i>FASEB Journal</i> , 2013 , 27, 1664-73	0.9	60
115	Tachykinins regulate the function of platelets. <i>Blood</i> , 2004 , 104, 1058-65	2.2	60
114	A role for substance P in arthritis?. <i>Neuroscience Letters</i> , 2004 , 361, 176-9	3.3	57
113	Essential role for nitric oxide in neurogenic inflammation in rat cutaneous microcirculation. Evidence for an endothelium-independent mechanism. <i>Circulation Research</i> , 1995 , 76, 441-7	15.7	57
112	A second form of human calcitonin gene-related peptide which is a potent vasodilator. <i>European Journal of Pharmacology</i> , 1986 , 124, 349-52	5.3	53
111	A reactive oxygen species-mediated component in neurogenic vasodilatation. <i>Cardiovascular Research</i> , 2008 , 78, 139-47	9.9	52
110	Alarin is a vasoactive peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 10217-22	11.5	52
109	Stress-induced suppression of the gonadotropin-releasing hormone pulse generator in the female rat: a novel neural action for calcitonin gene-related peptide. <i>Endocrinology</i> , 2004 , 145, 1556-63	4.8	52
108	Tumour necrosis factor alpha mediates transient receptor potential vanilloid 1-dependent bilateral thermal hyperalgesia with distinct peripheral roles of interleukin-1beta, protein kinase C and cyclooxygenase-2 signalling. <i>Pain</i> , 2009 , 142, 264-274	8	51

107	Interaction of human adrenomedullin 13-52 with calcitonin gene-related peptide receptors in the microvasculature of the rat and hamster. <i>British Journal of Pharmacology</i> , 1995 , 114, 592-7	8.6	51
106	Phoneutria nigriventer (armed spider) venom induces increased vascular permeability in rat and rabbit skin in vivo. <i>Toxicon</i> , 1992 , 30, 1011-6	2.8	49
105	Tail-Cuff Technique and Its Influence on Central Blood Pressure in the Mouse. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	48
104	Regulation of alternative VEGF-A mRNA splicing is a therapeutic target for analgesia. <i>Neurobiology of Disease</i> , 2014 , 71, 245-59	7.5	47
103	4-oxo-2-nonenal (4-ONE): evidence of transient receptor potential ankyrin 1-dependent and -independent nociceptive and vasoactive responses in vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 337, 117-24	4.7	46
102	Immunoglobulin-like domains define the nerve growth factor binding site of the TrkA receptor. <i>Nature Biotechnology</i> , 1997 , 15, 668-72	44.5	44
101	Enhanced vascular responses to adrenomedullin in mice overexpressing receptor-activity-modifying protein 2. <i>Circulation Research</i> , 2006 , 98, 262-70	15.7	42
100	Evidence of a role for NK1 and CGRP receptors in mediating neurogenic vasodilatation in the mouse ear. <i>British Journal of Pharmacology</i> , 2002 , 135, 356-62	8.6	41
99	TRPA1 activation leads to neurogenic vasodilatation: involvement of reactive oxygen nitrogen species in addition to CGRP and NO. <i>British Journal of Pharmacology</i> , 2016 , 173, 2419-33	8.6	41
98	Reactive nitrogen species scavenging, rather than nitric oxide inhibition, protects from articular cartilage damage in rat zymosan-induced arthritis. <i>British Journal of Pharmacology</i> , 2004 , 141, 172-82	8.6	40
97	An examination of neurogenic mechanisms involved in mustard oil-induced inflammation in the mouse. <i>European Journal of Pharmacology</i> , 2005 , 507, 273-80	5.3	40
96	Neutrophils-derived peroxynitrite contributes to acute hyperalgesia and cell influx in zymosan arthritis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007 , 374, 265-73	3.4	38
95	Activation by Phoneutria nigriventer (armed spider) venom of tissue kallikrein-kininogen-kinin system in rabbit skin in vivo. <i>British Journal of Pharmacology</i> , 1993 , 109, 539-43	8.6	38
94	Lipoxygenase products of arachidonic acid in human inflamed skin. <i>British Journal of Clinical Pharmacology</i> , 1985 , 20, 185-90	3.8	38
93	The sympathetic nervous system is controlled by transient receptor potential vanilloid 1 in the regulation of body temperature. <i>FASEB Journal</i> , 2015 , 29, 4285-98	0.9	37
92	Galanin-like peptides exert potent vasoactive functions in vivo. <i>Journal of Investigative Dermatology</i> , 2007 , 127, 716-21	4.3	36
91	Involvement of sensory neuropeptides in the development of plasma extravasation in rat dorsal skin following thermal injury. <i>British Journal of Pharmacology</i> , 1996 , 117, 1065-70	8.6	36
90	Sensory-nerve-derived neuropeptides: possible therapeutic targets. <i>Handbook of Experimental Pharmacology</i> , 2009 , 393-416	3.2	35

89	TRPA1 Acts in a Protective Manner in Imiquimod-Induced Psoriasiform Dermatitis in Mice. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 1774-1784	4.3	34
88	Neurokinin B induces oedema formation in mouse lung via tachykinin receptor-independent mechanisms. <i>Journal of Physiology</i> , 2002 , 543, 1007-14	3.9	33
87	Identification and structure of the nerve growth factor binding site on TrkA. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 282, 131-41	3.4	33
86	The effect of a tachykinin NK1 receptor antagonist, SR140333, on oedema formation induced in rat skin by venom from the Phoneutria nigriventer spider. <i>British Journal of Pharmacology</i> , 1996 , 118, 295-8	8.6	33
85	The role of substance P in microvascular responses in murine joint inflammation. <i>British Journal of Pharmacology</i> , 2005 , 144, 1059-66	8.6	32
84	Responses to endothelins in the rat cutaneous microvasculature: a modulatory role of locally-produced nitric oxide. <i>British Journal of Pharmacology</i> , 1992 , 106, 733-8	8.6	32
83	Action of calcitonin gene-related peptide upon bovine vascular endothelial and smooth muscle cells grown in isolation and co-culture. <i>British Journal of Pharmacology</i> , 1990 , 99, 71-6	8.6	32
82	Transient receptor potential canonical 5 (TRPC5) protects against pain and vascular inflammation in arthritis and joint inflammation. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 252-260	2.4	31
81	A historical perspective on the role of sensory nerves in neurogenic inflammation. <i>Seminars in Immunopathology</i> , 2018 , 40, 229-236	12	31
80	Neurogenic cutaneous vasodilatation and plasma extravasation in diabetic rats: effect of insulin and nerve growth factor. <i>British Journal of Pharmacology</i> , 1998 , 124, 1573-9	8.6	31
79	Environmental cold exposure increases blood flow and affects pain sensitivity in the knee joints of CFA-induced arthritic mice in a TRPA1-dependent manner. <i>Arthritis Research and Therapy</i> , 2016 , 18, 7	5.7	30
78	Design and pharmacological evaluation of PF-4840154, a non-electrophilic reference agonist of the TrpA1 channel. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 4857-9	2.9	30
77	A comparative study of the ability of calcitonin gene-related peptide and adrenomedullin(13 - 52) to modulate microvascular but not thermal hyperalgesia responses. <i>British Journal of Pharmacology</i> , 2000 , 130, 1589-96	8.6	29
76	Calcitonin gene-related peptide increases blood flow and potentiates plasma protein extravasation in the rat knee joint. <i>British Journal of Pharmacology</i> , 1992 , 106, 746-50	8.6	29
75	Altered microvascular reactivity to endothelin-1, endothelin-3 and NG-nitro-L-arginine methyl ester in streptozotocin-induced diabetes mellitus. <i>British Journal of Pharmacology</i> , 1992 , 106, 1035-40	8.6	28
74	The vasoactive potential of kisspeptin-10 in the peripheral vasculature. <i>PLoS ONE</i> , 2011 , 6, e14671	3.7	28
73	The endogenous antimicrobial cathelicidin LL37 induces platelet activation and augments thrombus formation. <i>Blood Advances</i> , 2018 , 2, 2973-2985	7.8	28
72	Investigating the potential role of TRPA1 in locomotion and cardiovascular control during hypertension. <i>Pharmacology Research and Perspectives</i> , 2014 , 2, e00052	3.1	27

71	Phoneutria nigriventer spider venom induces oedema in rat skin by activation of capsaicin sensitive sensory nerves. <i>European Journal of Pharmacology</i> , 1997 , 339, 223-6	5.3	27
70	Comparative effect of Phoneutria nigriventer spider venom and capsaicin on the rat paw oedema. <i>Life Sciences</i> , 2001 , 69, 1573-85	6.8	27
69	Use of NK(1) knockout mice to analyze substance P-induced edema formation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999 , 277, R476-81	3.2	27
68	Lack of evidence for tachykinin NK1 receptor-mediated neutrophil accumulation in the rat cutaneous microvasculature by thermal injury. <i>European Journal of Pharmacology</i> , 1999 , 369, 91-8	5.3	27
67	How important are NK1 receptors for influencing microvascular inflammation and itch in the skin? Studies using Phoneutria nigriventer venom. <i>Vascular Pharmacology</i> , 2006 , 45, 209-14	5.9	26
66	The effect of Phoneutria nigriventer (armed spider) venom on arterial blood pressure of anaesthetised rats. <i>European Journal of Pharmacology</i> , 1996 , 298, 113-20	5.3	26
65	The assessment of vasoactive properties of CGRP and adrenomedullin in the microvasculature: a study using in vivo and in vitro assays in the mouse. <i>Journal of Molecular Neuroscience</i> , 2004 , 22, 117-24	3.3	25
64	Functional significance of inducible nitric oxide synthase induction and protein nitration in the thermally injured cutaneous microvasculature. <i>American Journal of Pathology</i> , 2003 , 162, 1373-80	5.8	25
63	Effect of dexamethasone on neutrophil accumulation and oedema formation in rabbit skin: an investigation of site of action. <i>British Journal of Pharmacology</i> , 1993 , 108, 959-66	8.6	23
62	Targeted disruption of the galanin gene attenuates inflammatory responses in murine skin. <i>Journal of Molecular Neuroscience</i> , 2008 , 34, 149-55	3.3	22
61	Calcitonin gene-related peptide (CGRP) antagonists: blockers of neuronal transmission in migraine. <i>British Journal of Pharmacology</i> , 2004 , 142, 1053-4	8.6	22
60	Involvement of vanilloid receptors and purinoceptors in the Phoneutria nigriventer spider venom-induced plasma extravasation in rat skin. <i>European Journal of Pharmacology</i> , 2000 , 391, 305-15	5.3	22
59	Sensory nerves mediate spontaneous behaviors in addition to inflammation in a murine model of psoriasis. <i>FASEB Journal</i> , 2019 , 33, 1578-1594	0.9	22
58	Capsaicin-Sensitive Sensory Nerves Mediate the Cellular and Microvascular Effects of H ₂ S via TRPA1 Receptor Activation and Neuropeptide Release. <i>Journal of Molecular Neuroscience</i> , 2016 , 60, 157-70	3.7	21
57	Regulation of myofibroblast differentiation and bleomycin-induced pulmonary fibrosis by adrenomedullin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013 , 304, L757-64	5.8	21
56	Phoneutria nigriventer spider venom activates 5-HT ₄ receptors in rat-isolated vagus nerve. <i>British Journal of Pharmacology</i> , 2003 , 139, 59-64	8.6	21
55	Plasma from patients with sepsis up-regulates the expression of CD49d and CD64 on blood neutrophils. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 40, 724-32	5.7	20
54	Involvement of sensory nerves and TRPV1 receptors in the rat airway inflammatory response to two environment pollutants: diesel exhaust particles (DEP) and 1,2-naphthoquinone (1,2-NQ). <i>Archives of Toxicology</i> , 2010 , 84, 109-17	5.8	20

53	The modulation of inflammatory oedema by calcitonin gene-related peptide. <i>British Journal of Pharmacology</i> , 1993 , 108, 705-10	8.6	20
52	Basal and activity-induced release of substance P from primary afferent fibres in NK1 receptor knockout mice: evidence for negative feedback. <i>Neuropharmacology</i> , 2003 , 45, 1101-10	5.5	19
51	Olvanil: more potent than capsaicin at stimulating the efferent function of sensory nerves. <i>European Journal of Pharmacology</i> , 1992 , 219, 481-4	5.3	19
50	Activity of tachykinin NK1 and bradykinin B2 receptor antagonists, and an opioid ligand at different stimulation parameters in neurogenic inflammation in the rat. <i>Neuroscience Letters</i> , 1998 , 257, 5-8	3.3	18
49	The ability of neuropeptide Y to mediate responses in the murine cutaneous microvasculature: an analysis of the contribution of Y1 and Y2 receptors. <i>British Journal of Pharmacology</i> , 2003 , 140, 422-30	8.6	18
48	Studies of the microvascular effects of adrenomedullin and related peptides. <i>Peptides</i> , 2001 , 22, 1881-6	3.8	18
47	Activation of tissue kallikrein-kininogen-kinin system in rabbit skin by a fraction isolated from Phoneutria nigriventer (armed spider) venom. <i>Toxicon</i> , 1993 , 31, 1385-91	2.8	18
46	Investigation of sensory neurogenic components in a bleomycin-induced scleroderma model using transient receptor potential vanilloid 1 receptor- and calcitonin gene-related peptide-knockout mice. <i>Arthritis and Rheumatism</i> , 2008 , 58, 292-301		17
45	The calcitonin gene-related peptide (CGRP) antagonist CGRP(8-37) blocks vasodilatation in inflamed rat skin: involvement of adrenomedullin in addition to CGRP. <i>Neuroscience Letters</i> , 2001 , 310, 169-72	3.3	17
44	Pivotal role of endogenous tachykinins and the NK1 receptor in mediating leukocyte accumulation, in the absence of oedema formation, in response to TNFalpha in the cutaneous microvasculature. <i>Journal of Neuroimmunology</i> , 2006 , 171, 99-109	3.5	16
43	Role of kinins and sensory neurons in the rat pleural leukocyte migration induced by Phoneutria nigriventer spider venom. <i>Neuroscience Letters</i> , 2002 , 318, 158-62	3.3	16
42	Interactive contribution of NK(1) and kinin receptors to the acute inflammatory oedema observed in response to noxious heat stimulation: studies in NK(1) receptor knockout mice. <i>British Journal of Pharmacology</i> , 2001 , 134, 1805-13	8.6	15
41	Schwann cell-specific JAM-C-deficient mice reveal novel expression and functions for JAM-C in peripheral nerves. <i>FASEB Journal</i> , 2012 , 26, 1064-76	0.9	14
40	Endothelial cells play an essential role in the thermal hyperalgesia induced by nerve growth factor. <i>FASEB Journal</i> , 2003 , 17, 1703-5	0.9	14
39	Interaction between interleukin 1beta and endogenous neurokinin 1 receptor agonists in mediating plasma extravasation and neutrophil accumulation in the cutaneous microvasculature of the rat. <i>Neuroscience Letters</i> , 2002 , 318, 13-6	3.3	14
38	Interaction of amylin with calcitonin gene-related peptide receptors in the microvasculature of the hamster cheek pouch in vivo. <i>British Journal of Pharmacology</i> , 1999 , 126, 280-4	8.6	14
37	Inhibition by SR 140333 of NK1 tachykinin receptor-evoked, nitric oxide-dependent vasodilatation in the hamster cheek pouch microvasculature in vivo. <i>British Journal of Pharmacology</i> , 1994 , 113, 522-6	8.6	14
36	Spatial Distribution of the Cannabinoid Type 1 and Capsaicin Receptors May Contribute to the Complexity of Their Crosstalk. <i>Scientific Reports</i> , 2016 , 6, 33307	4.9	13

35	TRPV1 and TRPA1 channels in inflammatory pain: elucidating mechanisms. <i>Annals of the New York Academy of Sciences</i> , 2011 , 1245, 36-7	6.5	13
34	Evidence that the modulatory effect of galanin on inflammatory edema formation is mediated by the galanin receptor 3 in the murine microvasculature. <i>Journal of Molecular Neuroscience</i> , 2009 , 37, 177-81	3.3	13
33	Capsaicin-induced vasoconstriction in the mouse knee joint: a study using TRPV1 knockout mice. <i>Neuroscience Letters</i> , 2006 , 401, 55-8	3.3	13
32	The modulation of the increase in rat facial skin blood flow observed after trigeminal ganglion stimulation. <i>European Journal of Pharmacology</i> , 1995 , 284, 69-76	5.3	13
31	Transient Receptor Potential Ankyrin 1 Channel Expression on Peripheral Blood Leukocytes from Rheumatoid Arthritic Patients and Correlation with Pain and Disability. <i>Frontiers in Pharmacology</i> , 2017 , 8, 53	5.6	12
30	Protection of angiotensin II-induced vascular hypertrophy in vascular smooth muscle-targeted receptor activity-modifying protein 2 transgenic mice. <i>Hypertension</i> , 2009 , 54, 1254-61	8.5	12
29	Activation by Phoneutria nigriventer spider venom of autonomic nerve fibers in the isolated rat heart. <i>European Journal of Pharmacology</i> , 1998 , 363, 139-46	5.3	12
28	Big endothelin-1 and big endothelin-3 are constrictor agents in the microvasculature: evidence for the local phosphoramidon-sensitive conversion of big endothelin-1. <i>European Journal of Pharmacology</i> , 1993 , 233, 243-50	5.3	12
27	TRPV1 antagonism by capsazepine modulates innate immune response in mice infected with Plasmodium berghei ANKA. <i>Mediators of Inflammation</i> , 2014 , 2014, 506450	4.3	11
26	The plasma protein extravasation induced by adenosine and its analogues in the rat dorsal skin: evidence for the involvement of capsaicin sensitive primary afferent neurones and mast cells. <i>British Journal of Pharmacology</i> , 2001 , 134, 108-15	8.6	11
25	Effect of a 5-HT1 receptor agonist, CP-122,288, on oedema formation induced by stimulation of the rat saphenous nerve. <i>British Journal of Pharmacology</i> , 1995 , 115, 1-2	8.6	11
24	Assessment of blood flow changes at multiple sites in rabbit skin using a 133Xenon clearance technique. <i>Journal of Pharmacological and Toxicological Methods</i> , 1994 , 32, 41-7	1.7	11
23	Correspondence: Challenging a proposed role for TRPC5 in aortic baroreceptor pressure-sensing. <i>Nature Communications</i> , 2018 , 9, 1245	17.4	10
22	Cellular pathology changes in rat skin following intradermal injection of nerve growth factor: neutrophil-dependent and -independent events. <i>Journal of Pathology</i> , 2002 , 197, 245-55	9.4	10
21	Effect of BQ-123 and Ro 47-0203 (bosentan) on endothelin-induced vasoconstriction in the rat skin. <i>European Journal of Pharmacology</i> , 1994 , 260, 103-6	5.3	9
20	Association of Raynaud's phenomenon with a polymorphism in the NOS1 gene. <i>PLoS ONE</i> , 2018 , 13, e0196279	8.79	8
19	Psoriatic skin inflammation induces a pre-diabetic phenotype via the endocrine actions of skin secretome. <i>Molecular Metabolism</i> , 2020 , 41, 101047	8.8	7
18	Investigation of 6-hydroxydopamine-induced plasma extravasation in rat skin. <i>European Journal of Pharmacology</i> , 1996 , 301, 151-7	5.3	7

17	Transient receptor potential canonical 5 channels plays an essential role in hepatic dyslipidemia associated with cholestasis. <i>Scientific Reports</i> , 2017 , 7, 2338	4.9	5
16	Disruption of the Sensory System Affects Sterile Cutaneous Inflammation In Vivo. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 1936-1945.e3	4.3	5
15	Early postnatal, but not late, exposure to chemical ambient pollutant 1,2-naphthoquinone increases susceptibility to pulmonary allergic inflammation at adulthood. <i>Archives of Toxicology</i> , 2014 , 88, 1589-605	5.8	5
14	Transient Receptor Potential Canonical Channels 4 and 5 Mediate α -Derived Thioredoxin Effects in Lipopolysaccharide-Injected Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4904696	6.7	5
13	Dysfunctional TRPM8 signalling in the vascular response to environmental cold in ageing. <i>ELife</i> , 2021 , 10,	8.9	4
12	Calcitonin Gene-Related Peptide Protects Against Cardiovascular Dysfunction Independently of Nitric Oxide In Vivo. <i>Hypertension</i> , 2021 , 77, 1178-1190	8.5	4
11	The Antimicrobial Cathelicidin CRAMP Augments Platelet Activation during Psoriasis in Mice. <i>Biomolecules</i> , 2020 , 10,	5.9	3
10	The Vascular-Dependent and -Independent Actions of Calcitonin Gene-Related Peptide in Cardiovascular Disease.. <i>Frontiers in Physiology</i> , 2022 , 13, 833645	4.6	2
9	Examining the role of transient receptor potential canonical 5 (TRPC5) in osteoarthritis. <i>Osteoarthritis and Cartilage Open</i> , 2020 , 2, 100119	1.5	1
8	CGRP 2013 , 1394-1401		1
7	Calcitonin Gene-Related Peptides 2006 , 1181-1186		1
6	Vascular Actions of CGRP and Adrenomedullin: Mechanisms and Potential Contribution to Inflammation in the Cutaneous Microvasculature 2010 , 115-130		1
5	Response by Aubdool et al to Letters Regarding Article, "A Novel β Calcitonin Gene-Related Peptide Analogue Protects Against End-Organ Damage in Experimental Hypertension, Cardiac Hypertrophy, and Heart Failure". <i>Circulation</i> , 2018 , 137, 1201-1202	16.7	0
4	Short courses in integrated pharmacology and physiology. <i>Therapie</i> , 2004 , 59, 43-4	3.8	
3	Evidence for a protective effect of endogenous TRPC5 in models of arthritis. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, SY75-4	0	
2	Reactive Oxygen Species (ROS) and the Sensory Neurovascular Component 2010 , 87-107		
1	CGRP Discovery and Timeline. <i>Handbook of Experimental Pharmacology</i> , 2019 , 255, 1-12	3.2	