Fiona Boissonade

List of Publications by Citations

46 papers	1,026 citations	18 h-index	30 g-index
47 ext. papers	1,155 ext. citations	4.1 avg, IF	3.97 L-index

#	Paper	IF	Citations
46	Nerve guides manufactured from photocurable polymers to aid peripheral nerve repair. *Biomaterials*, **2015**, 49, 77-89	15.6	120
45	Scarring impedes regeneration at sites of peripheral nerve repair. *NeuroReport*, **2006**, 17, 1245-9	1.7	69
44	Substance P expression in human tooth pulp in relation to caries and pain experience. *European Journal of Oral Sciences*, **2000**, 108, 467-74	2.3	63
43	Additive manufactured biodegradable poly(glycerol sebacate methacrylate) nerve guidance conduits. *Acta Biomaterialia*, **2018**, 78, 48-63	10.8	53
42	Temporal mismatch between pain behaviour, skin Nerve Growth factor and intra-epidermal nerve fibre density in trigeminal neuropathic pain. *BMC Neuroscience*, **2014**, 15, 1	3.2	50
41	Changes in vanilloid receptor 1 (TRPV1) expression following lingual nerve injury. *European Journal of Pain*, **2007**, 11, 192-201	3.7	47
40	Interleukin-10 reduces scarring and enhances regeneration at a site of sciatic nerve repair. *Journal of the Peripheral Nervous System*, **2007**, 12, 269-76	4.7	47
39	Comparative immunohistochemical analysis of the peptidergic innervation of human primary and permanent tooth pulp. *Archives of Oral Biology*, **2002**, 47, 375-85	2.8	46
38	Peripheral mechanisms for the initiation of pain following trigeminal nerve injury. *Journal of Orofacial Pain*, **2004**, 18, 287-92		41
37	Innervation of human tooth pulp in relation to caries and dentition type. *Journal of Dental Research*, **2001**, 80, 389-93	8.1	37
36	Vanilloid receptor 1 expression in human tooth pulp in relation to caries and pain. *Journal of Orofacial Pain*, **2005**, 19, 248-60		33
35	The effect of antibodies to TGF-beta1 and TGF-beta2 at a site of sciatic nerve repair. *Journal of the Peripheral Nervous System*, **2006**, 11, 286-93	4.7	27
34	Fos expression in the ferret trigeminal nuclear complex following tooth pulp stimulation. *Neuroscience*, **1998**, 84, 1197-208	3.9	26
33	Trigeminal nuclear complex of the ferret: anatomical and immunohistochemical studies. *Journal of Comparative Neurology*, **1993**, 329, 291-312	3.4	26
32	Immunocytochemical investigation of neurovascular relationships in human tooth pulp. *Journal of Anatomy*, **2003**, 202, 195-203	2.9	24
31	Changes in neuropeptide expression in the trigeminal ganglion following inferior alveolar nerve section in the ferret. *Neuroscience*, **2001**, 102, 655-67	3.9	23
30	The dorsal vagal complex of the ferret: anatomical and immunohistochemical studies. *Neurogastroenterology and Motility*, **1996**, 8, 255-72	4	21

29	Changes in sodium channel expression following trigeminal nerve injury. *Experimental Neurology*, **2006**, 202, 207-16	5.7	20
28	Correlation of Nav1.8 and Nav1.9 sodium channel expression with neuropathic pain in human subjects with lingual nerve neuromas. *Molecular Pain*, **2013**, 9, 52	3.4	18
27	The effect of Mannose-6-Phosphate on recovery after sciatic nerve repair. *Brain Research*, **2011**, 1394, 40-8	3.7	18
26	Immunocytochemical investigation of immune cells within human primary and permanent tooth pulp. *International Journal of Paediatric Dentistry*, **2006**, 16, 2-9	3.1	18
25	Calcitonin gene-related peptide modifies the ectopic discharge from damaged nerve fibres in the ferret. *Neuroscience Letters*, **2001**, 300, 71-4	3.3	16
24	Inflammatory cell accumulation in traumatic neuromas of the human lingual nerve. *Archives of Oral Biology*, **2007**, 52, 74-82	2.8	15
23	Effect of SB-750364, a specific TRPV1 receptor antagonist, on injury-induced ectopic discharge in the lingual nerve. *Neuroscience Letters*, **2008**, 443, 41-5	3.3	14
22	Neuropeptide expression in the ferret trigeminal ganglion following ligation of the inferior alveolar nerve. *Archives of Oral Biology*, **2001**, 46, 729-43	2.8	12
21	Fos expression in ferret dorsal vagal complex after peripheral emetic stimuli. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1994**, 266, R1118-26	3.2	12
20	Chronic tooth pulp inflammation induces persistent expression of phosphorylated ERK (pERK) and phosphorylated p38 (pp38) in trigeminal subnucleus caudalis. *Neuroscience*, **2014**, 269, 318-30	3.9	11
19	A comparison between the effects of three potential scar-reducing agents applied at a site of sciatic nerve repair. *Neuroscience*, **2011**, 181, 271-7	3.9	11
18	Neuropeptide expression following constriction or section of the inferior alveolar nerve in the ferret. *Journal of the Peripheral Nervous System*, **2002**, 7, 168-80	4.7	11
17	Evidence for anti-inflammatory and putative analgesic effects of a monoclonal antibody to calcitonin gene-related peptide. *Neuroscience*, **2013**, 228, 271-82	3.9	10
16	Correlation of miRNA expression with intensity of neuropathic pain in man. *Molecular Pain*, **2019**, 15, 1744806919860323	3.4	9
15	Neuropeptide expression following ligation of the ferret lingual nerve. *Archives of Oral Biology*, **2003**, 48, 541-6	2.8	9
14	Effect of vagal and splanchnic nerve section on Fos expression in ferret brain stem after emetic stimuli. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1996**, 271, R228-36	3.2	8
13	A Tuneable, Photocurable, Poly(Caprolactone)-Based Resin for Tissue Engineering-Synthesis, Characterisation and Use in Stereolithography. *Molecules*, **2021**, 26,	4.8	8
12	Establishment and neural differentiation of neural crest-derived stem cells from human dental pulp in serum-free conditions. *Stem Cells Translational Medicine*, **2020**, 9, 1462-1476	6.9	6

11	Porphyromonas gingivalis lipopolysaccharide rapidly activates trigeminal sensory neurons and may contribute to pulpal pain. *International Endodontic Journal*, **2020**, 53, 846-858	5.4	6
10	A Novel Role for Lymphotactin (XCL1) Signaling in the Nervous System: XCL1 Acts via its Receptor XCR1 to Increase Trigeminal Neuronal Excitability. *Neuroscience*, **2018**, 379, 334-349	3.9	6
9	Mannose-6-phosphate facilitates early peripheral nerve regeneration in thy-1-YFP-H mice. *Neuroscience*, **2014**, 279, 23-32	3.9	5
8	The effect of inflammation on Fos expression in the ferret trigeminal nucleus. *European Journal of Oral Sciences*, **2007**, 115, 40-7	2.3	5
7	The effects of ibuprofen and the neurokinin-1 receptor antagonist GR205171A on Fos expression in the ferret trigeminal nucleus following tooth pulp stimulation. *European Journal of Pain*, **2008**, 12, 385-94	3.7	5
6	The effect of substance P on the spontaneous discharge from injured inferior alveolar nerve fibres in the ferret. *Experimental Neurology*, **2005**, 191, 285-91	5.7	5
5	nNOS expression following inferior alveolar nerve injury in the ferret. *Brain Research*, **2004**, 1027, 11-7	3.7	5
4	Fos expression induced by activation of NMDA and neurokinin-1 receptors in the trigeminal subnucleus caudalis in vitro: role of protein kinases. *Brain Research*, **2011**, 1368, 19-27	3.7	4
3	The effect of a monoclonal antibody to calcitonin-gene related peptide (CGRP) on injury-induced ectopic discharge following lingual nerve injury. *Neuroscience Letters*, **2011**, 505, 146-9	3.3	3
2	Changes in proteinase-activated receptor 2 expression in the human tooth pulp in relation to caries and pain. *Journal of Orofacial Pain*, **2009**, 23, 265-74		3
1	Chemokines and Pain in the Trigeminal System.. *Frontiers in Pain Research*, **2021**, 2, 689314	1.4	0