

Fletcher A White

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

5,379
citations

81839

39
h-index

82499

72
g-index

78
all docs

78
docs citations

78
times ranked

5754
citing authors

#	ARTICLE	IF	CITATIONS
1	Excitatory monocyte chemoattractant protein-1 signaling is up-regulated in sensory neurons after chronic compression of the dorsal root ganglion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14092-14097.	3.3	340
2	Chemokines and the pathophysiology of neuropathic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20151-20158.	3.3	323
3	Cytokine and Chemokine Regulation of Sensory Neuron Function. <i>Handbook of Experimental Pharmacology</i> , 2009, , 417-449.	0.9	297
4	Restructuring of the Gut Microbiome by Intermittent Fasting Prevents Retinopathy and Prolongs Survival in <i>db/db</i> Mice. <i>Diabetes</i> , 2018, 67, 1867-1879.	0.3	243
5	Chemokines and pain mechanisms. <i>Brain Research Reviews</i> , 2009, 60, 125-134.	9.1	241
6	Chemokines: Integrators of Pain and Inflammation. <i>Nature Reviews Drug Discovery</i> , 2005, 4, 834-844.	21.5	238
7	Similar Electrophysiological Changes in Axotomized and Neighboring Intact Dorsal Root Ganglion Neurons. <i>Journal of Neurophysiology</i> , 2003, 89, 1588-1602.	0.9	208
8	Monocyte chemoattractant protein-1 functions as a neuromodulator in dorsal root ganglia neurons. <i>Journal of Neurochemistry</i> , 2008, 104, 254-263.	2.1	208
9	Suppression of inflammatory and neuropathic pain by uncoupling CRMP-2 from the presynaptic Ca ²⁺ channel complex. <i>Nature Medicine</i> , 2011, 17, 822-829.	15.2	200
10	The guidance molecule Semaphorin III is expressed in regions of spinal cord and periphery avoided by growing sensory axons. <i>Journal of Comparative Neurology</i> , 1995, 361, 321-333.	0.9	159
11	Delayed Functional Expression of Neuronal Chemokine Receptors Following Focal Nerve Demyelination in the Rat: A Mechanism for the Development of Chronic Sensitization of Peripheral Nociceptors. <i>Molecular Pain</i> , 2007, 3, 1744-8069-3-38.	1.0	149
12	CXCR4 chemokine receptor signaling mediates pain hypersensitivity in association with antiretroviral toxic neuropathy. <i>Brain, Behavior, and Immunity</i> , 2007, 21, 581-591.	2.0	138
13	The Paired Homeodomain Protein DRG11 Is Required for the Projection of Cutaneous Sensory Afferent Fibers to the Dorsal Spinal Cord. <i>Neuron</i> , 2001, 31, 59-73.	3.8	126
14	Chemokine Action in the Nervous System. <i>Journal of Neuroscience</i> , 2008, 28, 11792-11795.	1.7	120
15	Visualization of Chemokine Receptor Activation in Transgenic Mice Reveals Peripheral Activation of CCR2 Receptors in States of Neuropathic Pain. <i>Journal of Neuroscience</i> , 2009, 29, 8051-8062.	1.7	120
16	Altered functional properties of satellite glial cells in compressed spinal ganglia. <i>Glia</i> , 2009, 57, 1588-1599.	2.5	96
17	Neuroexcitatory effects of morphine-3-glucuronide are dependent on Toll-like receptor 4 signaling. <i>Journal of Neuroinflammation</i> , 2012, 9, 200.	3.1	95
18	The persistent release of HMGB1 contributes to tactile hyperalgesia in a rodent model of neuropathic pain. <i>Journal of Neuroinflammation</i> , 2012, 9, 180.	3.1	92

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19	Increased Chemokine Signaling in a Model of HIV1-Associated Peripheral Neuropathy. <i>Molecular Pain</i> , 2009, 5, 1744-8069-5-48.	1.0	89
20	Transient Receptor Potential Canonical (TRPC) Channels: Then and Now. <i>Cells</i> , 2020, 9, 1983.	1.8	88
21	The HMGB1-RAGE axis mediates traumatic brain injury-induced pulmonary dysfunction in lung transplantation. <i>Science Translational Medicine</i> , 2014, 6, 252ra124.	5.8	85
22	The Maintenance of Cisplatin- and Paclitaxel-Induced Mechanical and Cold Allodynia is Suppressed by Cannabinoid CB ₂ Receptor Activation and Independent of CXCR4 Signaling in Models of Chemotherapy-Induced Peripheral Neuropathy. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-71.	1.0	83
23	Chemokines as pain mediators and modulators. <i>Current Opinion in Anaesthesiology</i> , 2008, 21, 580-585.	0.9	83
24	Bone Pain Induced by Multiple Myeloma Is Reduced by Targeting V-ATPase and ASIC3. <i>Cancer Research</i> , 2017, 77, 1283-1295.	0.4	81
25	Chemokine Signaling and the Management of Neuropathic Pain. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2009, 9, 188-195.	3.4	81
26	CXCR4 signaling mediates morphine-induced tactile hyperalgesia. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 565-573.	2.0	80
27	Neuroprotection against Traumatic Brain Injury by a Peptide Derived from the Collapsin Response Mediator Protein 2 (CRMP2). <i>Journal of Biological Chemistry</i> , 2011, 286, 37778-37792.	1.6	78
28	Identification of a functional interaction of HMGB1 with Receptor for Advanced Glycation End-products in a model of neuropathic pain. <i>Brain, Behavior, and Immunity</i> , 2014, 42, 169-177.	2.0	76
29	No pain, no gain? The effects of pain-promoting neuropeptides and neurotrophins on fracture healing. <i>Bone</i> , 2020, 131, 115109.	1.4	63
30	Towards precision medicine for pain: diagnostic biomarkers and repurposed drugs. <i>Molecular Psychiatry</i> , 2019, 24, 501-522.	4.1	61
31	Contribution of acidic extracellular microenvironment of cancer-colonized bone to bone pain. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2677-2684.	1.4	59
32	The HMGB1-RAGE Inflammatory Pathway: Implications for Brain Injury-Induced Pulmonary Dysfunction. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1316-1328.	2.5	59
33	Acrolein involvement in sensory and behavioral hypersensitivity following spinal cord injury in the rat. <i>Journal of Neurochemistry</i> , 2014, 128, 776-786.	2.1	58
34	A-fiber sensory input induces neuronal cell death in the dorsal horn of the adult rat spinal cord. <i>Journal of Comparative Neurology</i> , 2001, 435, 276-282.	0.9	57
35	CRMP-2 Peptide Mediated Decrease of High and Low Voltage-Activated Calcium Channels, Attenuation of Nociceptor Excitability, and Anti-Nociception in a Model of AIDS Therapy-Induced Painful Peripheral Neuropathy. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-54.	1.0	48
36	Acidic microenvironment and bone pain in cancer-colonized bone. <i>BoneKEY Reports</i> , 2015, 4, 690.	2.7	48

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37	The Development and Subsequent Elimination of Aberrant Peripheral Axon Projections in Semaphorin3A Null Mutant Mice. <i>Developmental Biology</i> , 2000, 225, 79-86.	0.9	43
38	Enhancing excitatory activity of somatosensory cortex alleviates neuropathic pain through regulating homeostatic plasticity. <i>Scientific Reports</i> , 2017, 7, 12743.	1.6	42
39	Inhibition of Transmitter Release and Attenuation of Anti-retroviral-associated and Tibial Nerve Injury-related Painful Peripheral Neuropathy by Novel Synthetic Ca ²⁺ Channel Peptides. <i>Journal of Biological Chemistry</i> , 2012, 287, 35065-35077.	1.6	41
40	Further insights into the antinociceptive potential of a peptide disrupting the N-type calcium channel-CRMP-2 signaling complex. <i>Channels</i> , 2011, 5, 449-456.	1.5	40
41	Electroacupuncture Promotes Central Nervous System-Dependent Release of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2017, 35, 1303-1315.	1.4	37
42	A peptide uncoupling CRMP-2 from the presynaptic Ca ²⁺ channel complex demonstrates efficacy in animal models of migraine and AIDS therapy-induced neuropathy. <i>Translational Neuroscience</i> , 2012, 3, 1-8.	0.7	36
43	Merging Structural Motifs of Functionalized Amino Acids and Î±-Aminoamides Results in Novel Anticonvulsant Compounds with Significant Effects on Slow and Fast Inactivation of Voltage-Gated Sodium Channels and in the Treatment of Neuropathic Pain. <i>ACS Chemical Neuroscience</i> , 2011, 2, 317-332.	1.7	33
44	Long-term spironolactone treatment reduces coronary TRPC expression, vasoconstriction, and atherosclerosis in metabolic syndrome pigs. <i>Basic Research in Cardiology</i> , 2017, 112, 54.	2.5	33
45	Suppression of pain-related behavior in two distinct rodent models of peripheral neuropathy by a homopolyarginine-conjugated CRMP-2 peptide. <i>Journal of Neurochemistry</i> , 2013, 124, 869-879.	2.1	31
46	Insights into the regulation of chemokine receptors by molecular signaling pathways: Functional roles in neuropathic pain. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 859-865.	2.0	30
47	Sustained relief of ongoing experimental neuropathic pain by a CRMP2 peptide aptamer with low abuse potential. <i>Pain</i> , 2016, 157, 2124-2140.	2.0	30
48	Capsaicin and TRPV1 Channels in the Cardiovascular System: The Role of Inflammation. <i>Cells</i> , 2022, 11, 18.	1.8	23
49	The TRPC6 inhibitor, larixyl acetate, is effective in protecting against traumatic brain injury-induced systemic endothelial dysfunction. <i>Journal of Neuroinflammation</i> , 2019, 16, 21.	3.1	22
50	The HMGB1/RAGE axis induces bone pain associated with colonization of 4T1 mouse breast cancer in bone. <i>Journal of Bone Oncology</i> , 2021, 26, 100330.	1.0	21
51	Sciatic nerve injury induces functional pro-nociceptive chemokine receptors in bladder-associated primary afferent neurons in the rat. <i>Neuroscience</i> , 2011, 183, 230-237.	1.1	20
52	Transgenerational latent early-life associated regulation unites environment and genetics across generations. <i>Epigenomics</i> , 2016, 8, 373-387.	1.0	20
53	Intrathecal Magnesium Sulfate Administration at the Time of Experimental Ischemia Improves Neurological Functioning by Reducing Acute and Delayed Loss of Motor Neurons in the Spinal Cord. <i>Anesthesiology</i> , 2008, 108, 78-86.	1.3	20
54	Small-molecule Ca _v 1.1 Ca _v 2 antagonist suppresses neuronal voltage-gated calcium-channel trafficking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10566-E10575.	3.3	19

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55	Carbamazepine Potentiates the Effectiveness of Morphine in a Rodent Model of Neuropathic Pain. <i>PLoS ONE</i> , 2014, 9, e107399.	1.1	15
56	Decoy peptide targeted to Toll-IL-1R domain inhibits LPS and TLR4-active metabolite morphine-3 glucuronide sensitization of sensory neurons. <i>Scientific Reports</i> , 2017, 7, 3741.	1.6	15
57	High mobility group box 1 protein regulates osteoclastogenesis through direct actions on osteocytes and osteoclasts in vitro. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16741-16749.	1.2	15
58	Assessment, Quantification, and Management of Fracture Pain: from Animals to the Clinic. <i>Current Osteoporosis Reports</i> , 2020, 18, 460-470.	1.5	15
59	Chimeric Agents Derived from the Functionalized Amino Acid, Lacosamide, and the $\hat{\pm}$ -Aminoamide, Safinamide: Evaluation of Their Inhibitory Actions on Voltage-Gated Sodium Channels, and Antiseizure and Antinociception Activities and Comparison with Lacosamide and Safinamide. <i>ACS Chemical Neuroscience</i> , 2015, 6, 316-330.	1.7	14
60	Cloning and Analysis of a Murine PIAS Family Member, PIAS $\hat{3}$, in Developing Skin and Neurons. <i>Journal of Molecular Neuroscience</i> , 2000, 14, 107-122.	1.1	12
61	A-Fiber Sprouting in Spinal Cord Dorsal Horn Is Attenuated by Proximal Nerve Stump Encapsulation. <i>Experimental Neurology</i> , 2002, 177, 385-395.	2.0	12
62	Identification of the Benzyloxyphenyl Pharmacophore: A Structural Unit That Promotes Sodium Channel Slow Inactivation. <i>ACS Chemical Neuroscience</i> , 2012, 3, 1037-1049.	1.7	11
63	Depressed basal hypothalamic neuronal activity in type-1 diabetic mice is correlated with proinflammatory secretion of HMBG1. <i>Neuroscience Letters</i> , 2016, 615, 21-27.	1.0	11
64	Blocking receptor for advanced glycation end products (RAGE) or toll-like receptor 4 (TLR4) prevents posttraumatic epileptogenesis in mice. <i>Epilepsia</i> , 2021, 62, 3105-3116.	2.6	11
65	Long-Term Diabetic Microenvironment Augments the Decay Rate of Capsaicin-Induced Currents in Mouse Dorsal Root Ganglion Neurons. <i>Molecules</i> , 2019, 24, 775.	1.7	7
66	Impact of Opioid and Nonopioid Drugs on Postsurgical Pain Management in the Rat. <i>Pain Research and Treatment</i> , 2016, 2016, 1-8.	1.7	6
67	No pain, no gain: Will migraine therapies increase bone loss and impair fracture healing?. <i>EBioMedicine</i> , 2020, 60, 103025.	2.7	5
68	IL-1 $\hat{2}$ signaling initiates inflammatory hypernociception. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 1014-1015.	2.0	4
69	Effect of the Phosphodiesterase-5 Inhibitor Zaprinst on Ischemia-Reperfusion Injury in Rats. <i>Journal of Endourology</i> , 2013, 27, 338-342.	1.1	4
70	Physical activity behavior in the first month after mild traumatic brain injury is associated with physiological and psychological risk factors for chronic pain. <i>Pain Reports</i> , 2021, 6, e969.	1.4	3
71	Animal Models of HIV-Associated Painful Sensory Neuropathy. <i>NeuroMethods</i> , 2011, , 171-179.	0.2	2
72	Acidic Extracellular Microenvironment in Myeloma-Colonized Bone Contributes to Bone Pain. <i>Blood</i> , 2014, 124, 3397-3397.	0.6	2

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73	Effectiveness of maturity of <i>Rubus occidentalis</i> on hyperalgesia induced by acidic saline injection in rats. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, 12.	1.2	2
74	[O4â€“O6â€“O1]: SP1â€“MODULATING COMPOUNDS AS A NOVEL DRUG TARGET FOR ALZHEIMER'S DISEASE (AD) Alzheimer's and Dementia, 2017, 13, P1241.	0.4	1
75	Transient Receptor Potential Canonical Channels in Health and Disease: A 2020 Update. <i>Cells</i> , 2021, 10, 496.	1.8	1
76	Pathophysiology of neuropathic pain: signaling pathways and their magnification â€“ the role of neuronal Toll-like receptors. , 0, , 90-100.		0
77	Concentrations of HMGB1 and Hsp70 of healthy subjects in upper and lower airway: Literature Review and Meta-analysis. <i>International Journal of Medical Sciences</i> , 2021, 18, 1760-1767.	1.1	0
78	Neuropathic Pain Mechanisms: A Role for Chemokines. <i>FASEB Journal</i> , 2008, 22, 240.4.	0.2	0