Bradley J Kerr

List of Publications by Year
in descending order

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48 papers	1,503 citations	279798 23 h-index	330143 37 g-index
49 all docs	49 docs citations	49 times ranked	2368 citing authors

#	Article	IF	Citations
1	Neuropathic pain behaviours in a chronic-relapsing model of experimental autoimmune encephalomyelitis (EAE). Pain, 2009, 141, 156-164.	4.2	145
2	Microglia response following acute demyelination is heterogeneous and limits infiltrating macrophage dispersion. Science Advances, 2020, 6, eaay6324.	10.3	130
3	Tissue displacement and impact force are important contributors to outcome after spinal cord contusion injury. Experimental Neurology, 2005, 196, 9-17.	4.1	75
4	The MAO inhibitor phenelzine improves functional outcomes in mice with experimental autoimmune encephalomyelitis (EAE). Brain, Behavior, and Immunity, 2011, 25, 1677-1688.	4.1	67
5	Altered excitatory-inhibitory balance within somatosensory cortex is associated with enhanced plasticity and pain sensitivity in a mouse model of multiple sclerosis. Journal of Neuroinflammation, 2016, 13, 142.	7.2	63
6	The transition from acute to chronic pain: understanding how different biological systems interact. Canadian Journal of Anaesthesia, 2014, 61, 112-122.	1.6	61
7	Granzyme B-inhibitor serpina3n induces neuroprotection in vitro and in vivo. Journal of Neuroinflammation, 2015, 12, 157.	7.2	60
8	Rab32 connects ER stress to mitochondrial defects in multiple sclerosis. Journal of Neuroinflammation, 2017, 14, 19.	7.2	53
9	Diseaseâ€modifying effects of ganglioside GM1 in Huntington's disease models. EMBO Molecular Medicine, 2017, 9, 1537-1557.	6.9	51
10	Voluntary wheel running delays disease onset and reduces pain hypersensitivity in early experimental autoimmune encephalomyelitis (EAE). Experimental Neurology, 2015, 271, 279-290.	4.1	50
11	The MAO inhibitor phenelzine can improve functional outcomes in mice with established clinical signs in experimental autoimmune encephalomyelitis (EAE). Behavioural Brain Research, 2013, 252, 302-311.	2.2	49
12	Changes in nociceptive sensitivity and object recognition in experimental autoimmune encephalomyelitis (EAE). Experimental Neurology, 2013, 241, 113-121.	4.1	48
13	Pain behaviors after spinal cord contusion injury in two commonly used mouse strains. Experimental Neurology, 2007, 206, 240-247.	4.1	46
14	Differential expression of SOCS1 in macrophages in relapsingâ€remitting and chronic EAE and its role in disease severity. Glia, 2010, 58, 1816-1826.	4.9	45
15	Microglia Diversity in Health and Multiple Sclerosis. Frontiers in Immunology, 2020, 11, 588021.	4.8	44
16	Biogenic Amines and the Amino Acids GABA and Glutamate: Relationships with Pain and Depression. Modern Problems of Pharmacopsychiatry, 2015, 30, 67-79.	2.5	39
17	Pain in autoimmune disorders. Journal of Neuroscience Research, 2017, 95, 1282-1294.	2.9	35
18	Microbes, microglia, and pain. Neurobiology of Pain (Cambridge, Mass), 2020, 7, 100045.	2.5	33

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19	The protective effects of 15â€deoxyâ€Î”â€^{12,14}â€prostaglandin J₂ in spinal cord injury. Glia, 2008, 56, 436-448.	4.9	31
20	Sensory Neurons of the Dorsal Root Ganglia Become Hyperexcitable in a T-Cell-Mediated MOG-EAE Model of Multiple Sclerosis. ENeuro, 2019, 6, ENEURO.0024-19.2019.	1.9	30
21	Regulation of microglia population dynamics throughout development, health, and disease. Glia, 2021, 69, 2771-2797.	4.9	29
22	Voluntary wheel running differentially affects disease outcomes in male and female mice with experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2017, 305, 135-144.	2.3	28
23	Facial hypersensitivity and trigeminal pathology in mice with experimental autoimmune encephalomyelitis. Pain, 2016, 157, 627-642.	4.2	27
24	Sex differences in central nervous system plasticity and pain in experimental autoimmune encephalomyelitis. Pain, 2019, 160, 1037-1049.	4.2	25
25	Tissue concentration changes of amino acids and biogenic amines in the central nervous system of mice with experimental autoimmune encephalomyelitis (EAE). Neurochemistry International, 2011, 59, 28-38.	3.8	24
26	Pain and Cognition in Multiple Sclerosis. Current Topics in Behavioral Neurosciences, 2014, 20, 201-215.	1.7	23
27	Protein kinase C gamma (PKCÎ³) as a novel marker to assess the functional status of the corticospinal tract in experimental autoimmune encephalomyelitis (EAE). Journal of Neuroimmunology, 2013, 256, 43-48.	2.3	21
28	Endoplasmic reticulumâ€“mitochondria interplay in chronic pain: The calcium connection. Molecular Pain, 2020, 16, 174480692094688.	2.1	21
29	Endoplasmic reticulum stress in the dorsal root ganglia regulates largeâ€conductance potassium channels and contributes to pain in a model of multiple sclerosis. FASEB Journal, 2020, 34, 12577-12598.	0.5	20
30	Voluntary wheel running reveals sex-specific nociceptive factors in murine experimental autoimmune encephalomyelitis. Pain, 2019, 160, 870-881.	4.2	19
31	Manipulation of Neurotransmitter Levels Has Differential EffectsÂon Formalin-Evoked Nociceptive Behavior in Male andÂFemale Mice. Journal of Pain, 2016, 17, 483-498.	1.4	17
32	The chloride co-transporters, NKCC1 and KCC2, in experimental autoimmune encephalomyelitis (EAE). Neuroscience, 2017, 344, 178-186.	2.3	13
33	Characterization of the Nile Grass Rat as a Unique Model for Type 2 Diabetic Polyneuropathy. Journal of Neuropathology and Experimental Neurology, 2018, 77, 469-478.	1.7	10
34	Profiling the microRNA signature of the peripheral sensory ganglia in experimental autoimmune encephalomyelitis (EAE). Journal of Neuroinflammation, 2019, 16, 223.	7.2	10
35	Central amygdala inflammation drives pain hypersensitivity and attenuates morphine analgesia in experimental autoimmune encephalomyelitis. Pain, 2022, 163, e49-e61.	4.2	10
36	The Role of Regulatory Transporters in Neuropathic Pain. Advances in Pharmacology, 2016, 75, 245-271.	2.0	9

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37	TNFÎ± in MS and Its Animal Models: Implications for Chronic Pain in the Disease. Frontiers in Neurology, 2021, 12, 780876.	2.4	9
38	Characterization of Superficial Dorsal Horn Neurons from â€œTamamakiâ€•Mice and Stability of their GAD67-EGFP Phenotype in Defined-Medium Organotypic Culture. Neuroscience, 2018, 372, 126-140.	2.3	8
39	Multiple Sclerosis and the Endogenous Opioid System. Frontiers in Neuroscience, 2021, 15, 741503.	2.8	7
40	Antinociceptive Effects of the Antidepressant Phenelzine are Mediated by Context-Dependent Inhibition of Neuronal Responses in the Dorsal Horn. Neuroscience, 2018, 383, 205-215.	2.3	6
41	Effect of voluntary wheel running on neuroactive steroid levels in murine experimental autoimmune encephalomyelitis. Neuroscience Letters, 2018, 685, 150-154.	2.1	5
42	Sex-related differences in acute and chronic pain: a bench to bedside perspective. Canadian Journal of Anaesthesia, 2013, 60, 221-226.	1.6	4
43	Treatment of Pain with Antidepressants. Journal of Microbiology and Biotechnology, 2015, 25, 209-212.	2.1	2
44	Learning new tricks from an old dog: using experimental autoimmune encephalomyelitis to study comorbid symptoms in multiple sclerosis. Pain Management, 2011, 1, 571-576.	1.5	1
45	Pain Research â€“ Methods and Protocols â€“ Second Edition. Canadian Journal of Anaesthesia, 2013, 60, 93-93.	1.6	0
46	Neonatal microglia come of age for inflammatory pain. European Journal of Pain, 2013, 17, 1105-1106.	2.8	0
47	Central pain symptoms in multiple sclerosis. , 0, , 156-169.		0
48	In focus: Neuroâ€“immune interactions in pathological states. Journal of Neuroscience Research, 2018, 96, 925-926.	2.9	0