John R Bethea

List of Publications by Year
in descending order

33 papers	1,414 citations	394286 19 h-index	414303 32 g-index
34 all docs	34 docs citations	34 times ranked	2011 citing authors

#	Article	IF	Citations
1	Targeting the host inflammatory response in traumatic spinal cord injury. Current Opinion in Neurology, 2002, 15, 355-360.	1.8	193
2	Inhibition of soluble tumour necrosis factor is therapeutic in experimental autoimmune encephalomyelitis and promotes axon preservation and remyelination. Brain, 2011, 134, 2736-2754.	3.7	174
3	Neuropathic pain-induced depressive-like behavior and hippocampal neurogenesis and plasticity are dependent on TNFR1 signaling. Brain, Behavior, and Immunity, 2014, 41, 65-81.	2.0	122
4	Oligodendroglial TNFR2 Mediates Membrane TNF-Dependent Repair in Experimental Autoimmune Encephalomyelitis by Promoting Oligodendrocyte Differentiation and Remyelination. Journal of Neuroscience, 2016, 36, 5128-5143.	1.7	113
5	Speaking out about gender imbalance in invited speakers improves diversity. Nature Immunology, 2017, 18, 475-478.	7.0	81
6	Inflammation and Oxidative Stress in Multiple Sclerosis: Consequences for Therapy Development. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-19.	1.9	73
7	Development of a Mouse Pain Scale Using Sub-second Behavioral Mapping and Statistical Modeling. Cell Reports, 2019, 28, 1623-1634.e4.	2.9	65
8	Central but not systemic administration of XPro1595 is therapeutic following moderate spinal cord injury in mice. Journal of Neuroinflammation, 2014, 11, 159.	3.1	62
9	TNFR2 promotes Treg-mediated recovery from neuropathic pain across sexes. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17045-17050.	3.3	45
10	Soluble TNFα Signaling within the Spinal Cord Contributes to the Development of Autonomic Dysreflexia and Ensuing Vascular and Immune Dysfunction after Spinal Cord Injury. Journal of Neuroscience, 2018, 38, 4146-4162.	1.7	42
11	Prior regular exercise improves clinical outcome and reduces demyelination and axonal injury in experimental autoimmune encephalomyelitis. Journal of Neurochemistry, 2016, 136, 63-73.	2.1	39
12	Tumor necrosis factor receptor 1 inhibition is therapeutic for neuropathic pain in males but not in females. Pain, 2019, 160, 922-931.	2.0	37
13	Potential immunotherapies for traumatic brain and spinal cord injury. Chinese Journal of Traumatology - English Edition, 2018, 21, 125-136.	0.7	35
14	Novel strategies to mimic transmembrane tumor necrosis factor-dependent activation of tumor necrosis factor receptor 2. Scientific Reports, 2017, 7, 6607.	1.6	34
15	Selective Activation of Tumor Necrosis Factor Receptor <scp>II</scp> Induces Antiinflammatory Responses and Alleviates Experimental Arthritis. Arthritis and Rheumatology, 2018, 70, 722-735.	2.9	34
16	Cortex-dependent recovery of unassisted hindlimb locomotion after complete spinal cord injury in adult rats. ELife, 2017, 6, .	2.8	32
17	Exogenous activation of tumor necrosis factor receptor 2 promotes recovery from sensory and motor disease in a model of multiple sclerosis. Brain, Behavior, and Immunity, 2019, 81, 247-259.	2.0	26
18	Role of Peripheral Immune Cells for Development and Recovery of Chronic Pain. Frontiers in Immunology, 2021, 12, 641588.	2.2	26

#	Article	IF	Citations
19	Chronic spinal cord injury attenuates influenza virus-specific antiviral immunity. Journal of Neuroinflammation, 2016, 13, 125.	3.1	25
20	Attenuating Neurogenic Sympathetic Hyperreflexia Robustly Improves Antibacterial Immunity After Chronic Spinal Cord Injury. Journal of Neuroscience, 2020, 40, 478-492.	1.7	24
21	Effects of ursolic acid on sub-lesional muscle pathology in a contusion model of spinal cord injury. PLoS ONE, 2018, 13, e0203042.	1.1	17
22	Lymphotoxin β receptor-mediated NFκB signaling promotes glial lineage differentiation and inhibits neuronal lineage differentiation in mouse brain neural stem/progenitor cells. Journal of Neuroinflammation, 2018, 15, 49.	3.1	15
23	Continuous infusion of an agonist of the tumor necrosis factor receptor 2 in the spinal cord improves recovery after traumatic contusive injury. CNS Neuroscience and Therapeutics, 2019, 25, 884-893.	1.9	14
24	Superior Treg-Expanding Properties of a Novel Dual-Acting Cytokine Fusion Protein. Frontiers in Pharmacology, 2019, 10, 1490.	1.6	14
25	Synaptic alterations and immune response are sexually dimorphic in a non-pertussis toxin model of experimental autoimmune encephalomyelitis. Experimental Neurology, 2020, 323, 113061.	2.0	14
26	Impaired CD8 T cell antiviral immunity following acute spinal cord injury. Journal of Neuroinflammation, 2018, 15, 149.	3.1	12
27	Tumor Necrosis Factor Receptor Associated Factors (TRAFs) 2 and 3 Form a Transcriptional Complex with Phosho-RNA Polymerase II and p65 in CD40 Ligand Activated Neuro2a Cells. Molecular Neurobiology, 2017, 54, 1301-1313.	1.9	11
28	Aorta in Pathologies May Function as an Immune Organ by Upregulating Secretomes for Immune and Vascular Cell Activation, Differentiation and Trans-Differentiationâ€"Early Secretomes may Serve as Drivers for Trained Immunity. Frontiers in Immunology, 2022, 13, 858256.	2.2	10
29	The effects of spinal cord injury on bone loss and dysregulation of the calcium/parathyroid hormone loop in mice. Osteoporosis and Sarcopenia, 2016, 2, 164-169.	0.7	8
30	Pharmacological Inhibition of Soluble Tumor Necrosis Factor-Alpha Two Weeks after High Thoracic Spinal Cord Injury Does Not Affect Sympathetic Hyperreflexia. Journal of Neurotrauma, 2021, 38, 2186-2191.	1.7	8
31	Chronic spinal cord injury impairs primary CD8 T cell antiviral immunity but does not affect generation or function of memory CD8 T cells. Experimental Neurology, 2019, 317, 298-307.	2.0	6
32	Modelling atâ€level allodynia after midâ€thoracic contusion in the rat. European Journal of Pain, 2021, 25, 801-816.	1.4	3
33	Neuronal Ablation of IKK2 Decreases Lesion Size and Improves Functional Outcome after Spinal Cord Injury in Mice. JSM Neurosurgery and Spine, 2017, 5, .	0.0	0