

John R Bethea

List of Publications by Year in descending order

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33
papers

1,414
citations

394421

19
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

2011
citing authors

#	ARTICLE	IF	CITATIONS
1	Aorta in Pathologies May Function as an Immune Organ by Upregulating Secretomes for Immune and Vascular Cell Activation, Differentiation and Trans-Differentiation“Early Secretomes may Serve as Drivers for Trained Immunity. <i>Frontiers in Immunology</i> , 2022, 13, 858256.	4.8	10
2	Modelling of level allodynia after mid-thoracic contusion in the rat. <i>European Journal of Pain</i> , 2021, 25, 801-816.	2.8	3
3	Role of Peripheral Immune Cells for Development and Recovery of Chronic Pain. <i>Frontiers in Immunology</i> , 2021, 12, 641588.	4.8	26
4	Pharmacological Inhibition of Soluble Tumor Necrosis Factor-Alpha Two Weeks after High Thoracic Spinal Cord Injury Does Not Affect Sympathetic Hyperreflexia. <i>Journal of Neurotrauma</i> , 2021, 38, 2186-2191.	3.4	8
5	Synaptic alterations and immune response are sexually dimorphic in a non-pertussis toxin model of experimental autoimmune encephalomyelitis. <i>Experimental Neurology</i> , 2020, 323, 113061.	4.1	14
6	Inflammation and Oxidative Stress in Multiple Sclerosis: Consequences for Therapy Development. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-19.	4.0	73
7	Attenuating Neurogenic Sympathetic Hyperreflexia Robustly Improves Antibacterial Immunity After Chronic Spinal Cord Injury. <i>Journal of Neuroscience</i> , 2020, 40, 478-492.	3.6	24
8	Development of a Mouse Pain Scale Using Sub-second Behavioral Mapping and Statistical Modeling. <i>Cell Reports</i> , 2019, 28, 1623-1634.e4.	6.4	65
9	Exogenous activation of tumor necrosis factor receptor 2 promotes recovery from sensory and motor disease in a model of multiple sclerosis. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 247-259.	4.1	26
10	Chronic spinal cord injury impairs primary CD8 T cell antiviral immunity but does not affect generation or function of memory CD8 T cells. <i>Experimental Neurology</i> , 2019, 317, 298-307.	4.1	6
11	Continuous infusion of an agonist of the tumor necrosis factor receptor 2 in the spinal cord improves recovery after traumatic contusive injury. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 884-893.	3.9	14
12	Tumor necrosis factor receptor 1 inhibition is therapeutic for neuropathic pain in males but not in females. <i>Pain</i> , 2019, 160, 922-931.	4.2	37
13	Superior Treg-Expanding Properties of a Novel Dual-Acting Cytokine Fusion Protein. <i>Frontiers in Pharmacology</i> , 2019, 10, 1490.	3.5	14
14	TNFR2 promotes Treg-mediated recovery from neuropathic pain across sexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17045-17050.	7.1	45
15	Soluble TNF± Signaling within the Spinal Cord Contributes to the Development of Autonomic Dysreflexia and Ensuing Vascular and Immune Dysfunction after Spinal Cord Injury. <i>Journal of Neuroscience</i> , 2018, 38, 4146-4162.	3.6	42
16	Selective Activation of Tumor Necrosis Factor Receptor α Induces Antiinflammatory Responses and Alleviates Experimental Arthritis. <i>Arthritis and Rheumatology</i> , 2018, 70, 722-735.	5.6	34
17	Lymphotoxin β receptor-mediated NF κ B signaling promotes glial lineage differentiation and inhibits neuronal lineage differentiation in mouse brain neural stem/progenitor cells. <i>Journal of Neuroinflammation</i> , 2018, 15, 49.	7.2	15
18	Potential immunotherapies for traumatic brain and spinal cord injury. <i>Chinese Journal of Traumatology - English Edition</i> , 2018, 21, 125-136.	1.4	35

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19	Effects of ursolic acid on sub-lesional muscle pathology in a contusion model of spinal cord injury. PLoS ONE, 2018, 13, e0203042.	2.5	17
20	Impaired CD8 T cell antiviral immunity following acute spinal cord injury. Journal of Neuroinflammation, 2018, 15, 149.	7.2	12
21	Tumor Necrosis Factor Receptor Associated Factors (TRAFs) 2 and 3 Form a Transcriptional Complex with Phospho-RNA Polymerase II and p65 in CD40 Ligand Activated Neuro2a Cells. Molecular Neurobiology, 2017, 54, 1301-1313.	4.0	11
22	Speaking out about gender imbalance in invited speakers improves diversity. Nature Immunology, 2017, 18, 475-478.	14.5	81
23	Novel strategies to mimic transmembrane tumor necrosis factor-dependent activation of tumor necrosis factor receptor 2. Scientific Reports, 2017, 7, 6607.	3.3	34
24	Cortex-dependent recovery of unassisted hindlimb locomotion after complete spinal cord injury in adult rats. ELife, 2017, 6, .	6.0	32
25	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
26	Oligodendroglial TNFR2 Mediates Membrane TNF-Dependent Repair in Experimental Autoimmune Encephalomyelitis by Promoting Oligodendrocyte Differentiation and Remyelination. Journal of Neuroscience, 2016, 36, 5128-5143.	3.6	113
27	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.	1.9	8
28	Prior regular exercise improves clinical outcome and reduces demyelination and axonal injury in experimental autoimmune encephalomyelitis. Journal of Neurochemistry, 2016, 136, 63-73.	3.9	39
29	Chronic spinal cord injury attenuates influenza virus-specific antiviral immunity. Journal of Neuroinflammation, 2016, 13, 125.	7.2	25
30	Central but not systemic administration of XPro1595 is therapeutic following moderate spinal cord injury in mice. Journal of Neuroinflammation, 2014, 11, 159.	7.2	62
31	Neuropathic pain-induced depressive-like behavior and hippocampal neurogenesis and plasticity are dependent on TNFR1 signaling. Brain, Behavior, and Immunity, 2014, 41, 65-81.	4.1	122
32	Inhibition of soluble tumour necrosis factor is therapeutic in experimental autoimmune encephalomyelitis and promotes axon preservation and remyelination. Brain, 2011, 134, 2736-2754.	7.6	174
33	Targeting the host inflammatory response in traumatic spinal cord injury. Current Opinion in Neurology, 2002, 15, 355-360.	3.6	193