

Gila Moalem-Taylor

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

6,086
citations

109264

35
h-index

123376

61
g-index

68
all docs

68
docs citations

68
times ranked

6067
citing authors

#	ARTICLE	IF	CITATIONS
1	Autoimmune T cells protect neurons from secondary degeneration after central nervous system axotomy. <i>Nature Medicine</i> , 1999, 5, 49-55.	15.2	858
2	Immune and inflammatory mechanisms in neuropathic pain. <i>Brain Research Reviews</i> , 2006, 51, 240-264.	9.1	670
3	The neuro-immune balance in neuropathic pain: Involvement of inflammatory immune cells, immune-like glial cells and cytokines. <i>Journal of Neuroimmunology</i> , 2010, 229, 26-50.	1.1	513
4	Passive or Active Immunization with Myelin Basic Protein Promotes Recovery from Spinal Cord Contusion. <i>Journal of Neuroscience</i> , 2000, 20, 6421-6430.	1.7	348
5	Innate and adaptive immune responses can be beneficial for CNS repair. <i>Trends in Neurosciences</i> , 1999, 22, 295-299.	4.2	326
6	Production of Neurotrophins by Activated T Cells: Implications for Neuroprotective Autoimmunity. <i>Journal of Autoimmunity</i> , 2000, 15, 331-345.	3.0	303
7	T lymphocytes play a role in neuropathic pain following peripheral nerve injury in rats. <i>Neuroscience</i> , 2004, 129, 767-777.	1.1	258
8	Autoimmune T cells as potential neuroprotective therapy for spinal cord injury. <i>Lancet, The</i> , 2000, 355, 286-287.	6.3	204
9	Characterisation of Immune and Neuroinflammatory Changes Associated with Chemotherapy-Induced Peripheral Neuropathy. <i>PLoS ONE</i> , 2017, 12, e0170814.	1.1	177
10	Interleukin-17 Contributes to Neuroinflammation and Neuropathic Pain Following Peripheral Nerve Injury in Mice. <i>Journal of Pain</i> , 2011, 12, 370-383.	0.7	167
11	Differential T cell response in central and peripheral nerve injury: connection with immune privilege. <i>FASEB Journal</i> , 1999, 13, 1207-1217.	0.2	152
12	Immune-mediated processes implicated in chemotherapy-induced peripheral neuropathy. <i>European Journal of Cancer</i> , 2017, 73, 22-29.	1.3	130
13	Detailed characterization of neuro-immune responses following neuropathic injury in mice. <i>Brain Research</i> , 2011, 1405, 95-108.	1.1	119
14	Regulatory T cells attenuate neuropathic pain following peripheral nerve injury and experimental autoimmune neuritis. <i>Pain</i> , 2012, 153, 1916-1931.	2.0	119
15	Beneficial immune activity after CNS injury: prospects for vaccination. <i>Journal of Neuroimmunology</i> , 2001, 113, 185-192.	1.1	104
16	Attenuation of mechanical pain hypersensitivity by treatment with Peptide5, a connexin-43 mimetic peptide, involves inhibition of NLRP3 inflammasome in nerve-injured mice. <i>Experimental Neurology</i> , 2018, 300, 1-12.	2.0	96
17	Accumulation of passively transferred primed T cells independently of their antigen specificity following central nervous system trauma. <i>Journal of Neuroimmunology</i> , 1998, 89, 88-96.	1.1	88
18	Autoimmune T cells retard the loss of function in injured rat optic nerves. <i>Journal of Neuroimmunology</i> , 2000, 106, 189-197.	1.1	88

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19	Chronic Constriction of the Sciatic Nerve and Pain Hypersensitivity Testing in Rats. <i>Journal of Visualized Experiments</i> , 2012, , .	0.2	87
20	The Contribution of Immune and Glial Cell Types in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. <i>Multiple Sclerosis International</i> , 2014, 2014, 1-17.	0.4	82
21	Chemical mediators enhance the excitability of unmyelinated sensory axons in normal and injured peripheral nerve of the rat. <i>Neuroscience</i> , 2005, 134, 1399-1411.	1.1	79
22	The remedy may lie in ourselves: prospects for immune cell therapy in central nervous system protection and repair. <i>Journal of Molecular Medicine</i> , 1999, 77, 713-717.	1.7	67
23	A Preconditioning Nerve Lesion Inhibits Mechanical Pain Hypersensitivity following Subsequent Neuropathic Injury. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-1.	1.0	64
24	The role of regulatory T cells in nervous system pathologies. <i>Journal of Neuroscience Research</i> , 2018, 96, 951-968.	1.3	64
25	Role of Histamine H ₃ and H ₄ Receptors in Mechanical Hyperalgesia following Peripheral Nerve Injury. <i>NeuroImmunoModulation</i> , 2007, 14, 317-325.	0.9	50
26	The cannabinoid system and microglia in health and disease. <i>Neuropharmacology</i> , 2021, 190, 108555.	2.0	49
27	Role of gap junctions in chronic pain. <i>Journal of Neuroscience Research</i> , 2012, 90, 337-345.	1.3	48
28	Depletion of Foxp3+ regulatory T cells increases severity of mechanical allodynia and significantly alters systemic cytokine levels following peripheral nerve injury. <i>Cytokine</i> , 2015, 71, 207-214.	1.4	47
29	Pain and endometriosis. <i>Pain</i> , 2007, 132, S22-S25.	2.0	46
30	Regulatory T Cells and Their Derived Cytokine, Interleukin-35, Reduce Pain in Experimental Autoimmune Encephalomyelitis. <i>Journal of Neuroscience</i> , 2019, 39, 2326-2346.	1.7	44
31	Pain hypersensitivity in rats with experimental autoimmune neuritis, an animal model of human inflammatory demyelinating neuropathy. <i>Brain, Behavior, and Immunity</i> , 2007, 21, 699-710.	2.0	42
32	Peripheral and Central Neuroinflammatory Changes and Pain Behaviors in an Animal Model of Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2016, 7, 369.	2.2	42
33	Cytokines in Neuropathic Pain and Associated Depression. <i>Modern Problems of Pharmacopsychiatry</i> , 2015, 30, 51-66.	2.5	40
34	Adoptive Transfer of Regulatory T Cells as a Promising Immunotherapy for the Treatment of Multiple Sclerosis. <i>Frontiers in Neuroscience</i> , 2019, 13, 1107.	1.4	39
35	Activity-Dependent Modulation of Axonal Excitability in Unmyelinated Peripheral Rat Nerve Fibers by the 5-HT(3) Serotonin Receptor. <i>Journal of Neurophysiology</i> , 2006, 96, 2963-2971.	0.9	38
36	Systemic Administration of Connexin43 Mimetic Peptide Improves Functional Recovery after Traumatic Spinal Cord Injury in Adult Rats. <i>Journal of Neurotrauma</i> , 2017, 34, 707-719.	1.7	37

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37	Complement activation contributes to leukocyte recruitment and neuropathic pain following peripheral nerve injury in rats. <i>European Journal of Neuroscience</i> , 2007, 26, 3486-3500.	1.2	36
38	Cutaneous Neuroimmune Interactions in Peripheral Neuropathic Pain States. <i>Frontiers in Immunology</i> , 2021, 12, 660203.	2.2	31
39	Immunotherapy targeting cytokines in neuropathic pain. <i>Frontiers in Pharmacology</i> , 2013, 4, 142.	1.6	29
40	Gap junction proteins and their role in spinal cord injury. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 102.	1.4	28
41	Sex-specific transcriptome of spinal microglia in neuropathic pain due to peripheral nerve injury. <i>Glia</i> , 2022, 70, 675-696.	2.5	25
42	Dorsal root ganglion explants derived from chemotherapy-treated mice have reduced neurite outgrowth in culture. <i>Neuroscience Letters</i> , 2019, 694, 14-19.	1.0	23
43	Factor XIIIa as a nerve-associated transglutaminase. <i>FASEB Journal</i> , 1998, 12, 1163-1171.	0.2	22
44	Oxaliplatin induces muscle loss and muscle-specific molecular changes in Mice. <i>Muscle and Nerve</i> , 2018, 57, 650-658.	1.0	22
45	Active immunization with myelin-derived altered peptide ligand reduces mechanical pain hypersensitivity following peripheral nerve injury. <i>Journal of Neuroinflammation</i> , 2015, 12, 28.	3.1	19
46	Interleukin-17 deficiency improves locomotor recovery and tissue sparing after spinal cord contusion injury in mice. <i>Neuroscience Letters</i> , 2011, 487, 363-367.	1.0	17
47	Neuropathic Pain in Animal Models of Nervous System Autoimmune Diseases. <i>Mediators of Inflammation</i> , 2013, 2013, 1-13.	1.4	16
48	Immune dysregulation in patients with carpal tunnel syndrome. <i>Scientific Reports</i> , 2017, 7, 8218.	1.6	16
49	Post-spike excitability indicates changes in membrane potential of isolated C-fibers. <i>Muscle and Nerve</i> , 2007, 36, 172-182.	1.0	13
50	Characterisation of Peptide5 systemic administration for treating traumatic spinal cord injured rats. <i>Experimental Brain Research</i> , 2017, 235, 3033-3048.	0.7	13
51	Managing Neuropathic Pain in Multiple Sclerosis: Pharmacological Interventions. <i>Medicinal Chemistry</i> , 2018, 14, 106-119.	0.7	13
52	Effects of Vaccination with Altered Peptide Ligand on Chronic Pain in Experimental Autoimmune Encephalomyelitis, an Animal Model of Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2013, 4, 168.	1.1	12
53	Effects of active immunisation with myelin basic protein and myelin-derived altered peptide ligand on pain hypersensitivity and neuroinflammation. <i>Journal of Neuroimmunology</i> , 2015, 286, 59-70.	1.1	12
54	Oxaliplatin-induced haematological toxicity and splenomegaly in mice. <i>PLoS ONE</i> , 2020, 15, e0238164.	1.1	12

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55	A unified model of the excitability of mouse sensory and motor axons. <i>Journal of the Peripheral Nervous System</i> , 2018, 23, 159-173.	1.4	9
56	Acute changes in nerve excitability following oxaliplatin treatment in mice. <i>Journal of Neurophysiology</i> , 2020, 124, 232-244.	0.9	9
57	THF- β 2-Mediated Reduction of Pulmonary Metastases and Augmentation of Immunocompetence in C57BL/6 Mice Bearing B16-Melanoma. <i>Journal of Immunotherapy</i> , 1999, 22, 103-113.	1.2	6
58	Pathophysiology of neuropathic pain: inflammatory mediators. , 0, , 77-89.		5
59	Red-Light (670nm) Therapy Reduces Mechanical Sensitivity and Neuronal Cell Death, and Alters Glial Responses after Spinal Cord Injury in Rats. <i>Journal of Neurotrauma</i> , 2020, 37, 2244-2260.	1.7	5
60	Animal Models of Neuropathic Pain Due to Nerve Injury. <i>NeuroMethods</i> , 2013, , 239-260.	0.2	4
61	Effects of combined chemotherapy and anti-programmed cell death protein 1 treatment on peripheral neuropathy and neuroinflammation in mice. <i>Pain</i> , 2022, 163, 110-124.	2.0	2
62	Effect of exercise on neuromuscular toxicity in oxaliplatin-treated mice. <i>Muscle and Nerve</i> , 2021, 64, 225-234.	1.0	1
63	The Roles of Regulatory T Cells in Central Nervous System Autoimmunity. <i>Contemporary Clinical Neuroscience</i> , 2019, , 167-193.	0.3	0
64	Electrophysiological investigation of motor axonal excitability in a mouse model of nerve constriction injury. <i>Journal of the Peripheral Nervous System</i> , 2021, 26, 99-112.	1.4	0