

Ona E Bloom

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

8,611
citations

172457

29
h-index

138484

58
g-index

70
all docs

70
docs citations

70
times ranked

9360
citing authors

#	ARTICLE	IF	CITATIONS
1	HMG-1 as a Late Mediator of Endotoxin Lethality in Mice. <i>Science</i> , 1999, 285, 248-251.	12.6	3,807
2	High Mobility Group 1 Protein (Hmg-1) Stimulates Proinflammatory Cytokine Synthesis in Human Monocytes. <i>Journal of Experimental Medicine</i> , 2000, 192, 565-570.	8.5	1,306
3	Sequencing of the sea lamprey (<i>Petromyzon marinus</i>) genome provides insights into vertebrate evolution. <i>Nature Genetics</i> , 2013, 45, 415-421.	21.4	588
4	Disruption of E-Cadherin-Mediated Adhesion Induces a Functionally Distinct Pathway of Dendritic Cell Maturation. <i>Immunity</i> , 2007, 27, 610-624.	14.3	321
5	Proinflammatory cytokines (tumor necrosis factor and interleukin 1) stimulate release of high mobility group protein-1 by pituitary cells. <i>Surgery</i> , 1999, 126, 389-392.	1.9	282
6	Impaired recycling of synaptic vesicles after acute perturbation of the presynaptic actin cytoskeleton. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 14476-14481.	7.1	207
7	Colocalization of synapsin and actin during synaptic vesicle recycling. <i>Journal of Cell Biology</i> , 2003, 161, 737-747.	5.2	193
8	Suppression of proinflammatory cytokines in monocytes by a tetravalent guanylylhydrazide. <i>Journal of Experimental Medicine</i> , 1996, 183, 927-936.	8.5	130
9	TUMOR NECROSIS FACTOR IS A BRAIN DAMAGING CYTOKINE IN CEREBRAL ISCHEMIA. <i>Shock</i> , 1997, 8, 141-348.	2.1	121
10	An Inhibitor of Macrophage Arginine Transport and Nitric Oxide Production (CNI-1493) Prevents Acute Inflammation and Endotoxin Lethality. <i>Molecular Medicine</i> , 1995, 1, 254-266.	4.4	119
11	Neurotoxicity of advanced glycation endproducts during focal stroke and neuroprotective effects of aminoguanidine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 3744-3748.	7.1	102
12	Serum levels of the proinflammatory cytokine interleukin-6 vary based on diagnoses in individuals with lumbar intervertebral disc diseases. <i>Arthritis Research and Therapy</i> , 2016, 18, 3.	3.5	96
13	Cerebroprotective Effects of Aminoguanidine in a Rodent Model of Stroke. <i>Stroke</i> , 1996, 27, 1393-1398.	2.0	76
14	Toll-Like Receptor 4 (TLR4) Expression and Stimulation in a Model of Intervertebral Disc Inflammation and Degeneration. <i>Spine</i> , 2013, 38, 1343-1351.	2.0	74
15	Comparative Survival Analysis of Immunomodulatory Therapy for Coronavirus Disease 2019 Cytokine Storm. <i>Chest</i> , 2021, 159, 933-948.	0.8	71
16	Systemic inflammation in traumatic spinal cord injury. <i>Experimental Neurology</i> , 2020, 325, 113143.	4.1	67
17	Neurochemical biomarkers in spinal cord injury. <i>Spinal Cord</i> , 2019, 57, 819-831.	1.9	65
18	Highly conserved molecular pathways, including Wnt signaling, promote functional recovery from spinal cord injury in lampreys. <i>Scientific Reports</i> , 2018, 8, 742.	3.3	62

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19	Developments in intervertebral disc disease research: pathophysiology, mechanobiology, and therapeutics. <i>Current Reviews in Musculoskeletal Medicine</i> , 2015, 8, 18-31.	3.5	59
20	Membrane trafficking events underlying axon repair, growth, and regeneration. <i>Molecular and Cellular Neurosciences</i> , 2011, 48, 339-348.	2.2	58
21	Pilot Study: Elevated Circulating Levels of the Proinflammatory Cytokine Macrophage Migration Inhibitory Factor in Patients With Chronic Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 1498-1507.	0.9	57
22	Elevated Circulating Levels of the Pro-Inflammatory Cytokine Macrophage Migration Inhibitory Factor in Individuals With Acute Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 633-644.	0.9	54
23	Generation of a unique small molecule peptidomimetic that neutralizes lupus autoantibody activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10255-10259.	7.1	53
24	Persons with Chronic Spinal Cord Injury Have Decreased Natural Killer Cell and Increased Toll-Like Receptor/Inflammatory Gene Expression. <i>Journal of Neurotrauma</i> , 2018, 35, 1819-1829.	3.4	50
25	The Longitudinal Immune Response to Coronavirus Disease 2019: Chasing the Cytokine Storm. <i>Arthritis and Rheumatology</i> , 2021, 73, 23-35.	5.6	47
26	Glucocorticoids and macrophage migration inhibitory factor (MIF) are neuroendocrine modulators of inflammation and neuropathic pain after spinal cord injury. <i>Seminars in Immunology</i> , 2014, 26, 409-414.	5.6	46
27	High-Mobility Group Box 1 (HMGB1) Is Elevated Systemically in Persons with Acute or Chronic Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 746-754.	3.4	46
28	Exploratory study for identifying systemic biomarkers that correlate with pain response in patients with intervertebral disc disorders. <i>Immunologic Research</i> , 2015, 63, 170-180.	2.9	45
29	Moving towards a cure: blocking pathogenic antibodies in systemic lupus erythematosus. <i>Journal of Internal Medicine</i> , 2011, 269, 36-44.	6.0	41
30	A pre-embedding immunogold approach for detection of synaptic endocytic proteins in situ. <i>Journal of Neuroscience Methods</i> , 2004, 135, 169-174.	2.5	30
31	Spinophilin participates in information transfer at immunological synapses. <i>Journal of Cell Biology</i> , 2008, 181, 203-211.	5.2	28
32	Circulating T cell subsets are altered in individuals with chronic spinal cord injury. <i>Immunologic Research</i> , 2015, 63, 3-10.	2.9	27
33	Regeneration in the Era of Functional Genomics and Gene Network Analysis. <i>Biological Bulletin</i> , 2011, 221, 18-34.	1.8	24
34	3-Dimensional Printed Alternative to the Standard Synthetic Flocked Nasopharyngeal Swabs Used for Coronavirus Disease 2019 Testing. <i>Clinical Infectious Diseases</i> , 2020, 73, e3027-e3032.	5.8	23
35	Cardiovascular Autonomic Dysfunction in Spinal Cord Injury: Epidemiology, Diagnosis, and Management. <i>Seminars in Neurology</i> , 2020, 40, 550-559.	1.4	22
36	Non-mammalian model systems for studying neuro-immune interactions after spinal cord injury. <i>Experimental Neurology</i> , 2014, 258, 130-140.	4.1	20

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37	Age and Other Risk Factors Influencing Long-Term Mortality in Patients With Traumatic Cervical Spine Fracture. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2018, 9, 215145931877088.	1.4	19
38	Assessment of pain symptoms and quality of life using the International Spinal Cord Injury Data Sets in persons with chronic spinal cord injury. <i>Spinal Cord Series and Cases</i> , 2019, 5, 32.	0.6	19
39	HYPOPHYSECTOMY, HIGH TUMOR NECROSIS FACTOR LEVELS, AND HEMOGLOBINEMIA IN LETHAL ENDOTOXEMIC SHOCK. <i>Shock</i> , 1998, 10, 395-400.	2.1	18
40	Activating Transcription Factor 3 (ATF3) is a Highly Conserved Pro-regenerative Transcription Factor in the Vertebrate Nervous System. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 824036.	3.7	17
41	Treatment Strategies for Genu Recurvatum in Adult Patients With Hemiparesis: A Case Series. <i>PM and R</i> , 2015, 7, 105-112.	1.6	16
42	Challenges and Lessons Learned for Acute Inpatient Rehabilitation of Persons With COVID-19. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021, 100, 1115-1123.	1.4	15
43	Amending HIV Drugs: A Novel Small-Molecule Approach To Target Lupus Anti-DNA Antibodies. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8859-8867.	6.4	13
44	Altered leukocyte gene expression after traumatic spinal cord injury: clinical implications. <i>Neural Regeneration Research</i> , 2018, 13, 1524.	3.0	11
45	Acute Manipulations of Clathrin-Mediated Endocytosis at Presynaptic Nerve Terminals. <i>Methods in Molecular Biology</i> , 2018, 1847, 65-82.	0.9	9
46	Prolonged Targeted Cardiovascular Epidural Stimulation Improves Immunological Molecular Profile: A Case Report in Chronic Severe Spinal Cord Injury. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 571011.	2.5	8
47	A structural investigation of FISLE-412, a peptidomimetic compound derived from saquinavir that targets lupus autoantibodies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4725-4729.	2.2	6
48	HIGH MOBILITY GROUP-1 (HMG-1) PROTEIN IS A MEDIATOR OF LETHAL ENDOTOXEMIA. <i>Shock</i> , 1999, 11, 51.	2.1	5
49	Elevated levels of IgA and IgG2 in individuals with chronic spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2022, 45, 728-738.	1.4	5
50	The Fourth Bioelectronic Medicine Summit –Technology Targeting Molecular Mechanisms– current progress, challenges, and charting the future. <i>Bioelectronic Medicine</i> , 2021, 7, 7.	2.3	5
51	Clinical Trial Designs for Neuromodulation in Chronic Spinal Cord Injury Using Epidural Stimulation. <i>Neuromodulation</i> , 2021, 24, 405-415.	0.8	4
52	Participant-reported priorities and preferences for developing a home-based physical activity telemonitoring program for persons with tetraplegia: a qualitative analysis. <i>Spinal Cord Series and Cases</i> , 2019, 5, 48.	0.6	3
53	Systemic gene expression profiles according to pain types in individuals with chronic spinal cord injury. <i>Molecular Pain</i> , 2021, 17, 174480692110072.	2.1	3
54	Exploring the vagus nerve and the inflammatory reflex for therapeutic benefit in chronic spinal cord injury. <i>Current Opinion in Neurology</i> , 2022, Publish Ahead of Print, .	3.6	3

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55	A Pilot Study Testing a Novel 3D Printed Amphibious Lower Limb Prosthesis in a Recreational Pool Setting. <i>PM and R</i> , 2020, 12, 783-793.	1.6	2
56	Comparative Survival Analysis of Immunomodulatory Therapy for COVID-19 'Cytokine Storm': A Retrospective Observational Cohort Study. <i>SSRN Electronic Journal</i> , 0, .	0.4	2
57	Effects of Remote Ischemic Conditioning on Hand Engagement in individuals with Spinal cord Injury (RICHES): protocol for a pilot crossover study. <i>F1000Research</i> , 2021, 10, 464.	1.6	1
58	Lumbar Radicular Pain Response to First Injection with Non-particulate Steroid. <i>Cureus</i> , 2020, 12, e7104.	0.5	1
59	Can an Ankle Foot Orthoses with a Heel Lift Decrease Genu Recurvatum in Adults Post-Stroke?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, e47.	0.9	0
60	Update on current topics in traumatic spinal cord injury. <i>Current Opinion in Neurology</i> , 2021, Publish Ahead of Print, 781-782.	3.6	0
61	No need to worry about virtual teaching. <i>Spinal Cord Series and Cases</i> , 2021, 7, 84.	0.6	0
62	Effects of Remote Ischemic Conditioning on Hand Engagement in individuals with Spinal cord Injury (RICHES): protocol for a pilot crossover study. <i>F1000Research</i> , 0, 10, 464.	1.6	0
63	Pilot Study. <i>Clinical Spine Surgery</i> , 2021, Publish Ahead of Print, .	1.3	0