Yaakov A Levine

List of Publications by Year
in descending order

38 papers	3,486 citations	393982 19 h-index	433756 31 g-index
40 all docs	40 docs citations	40 times ranked	4102 citing authors

#	Article	IF	Citations
1	Acetylcholine-Synthesizing T Cells Relay Neural Signals in a Vagus Nerve Circuit. Science, 2011, 334, 98-101.	6.0	1,158
2	Vagus nerve stimulation inhibits cytokine production and attenuates disease severity in rheumatoid arthritis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8284-8289.	3.3	742
3	Rethinking inflammation: neural circuits in the regulation of immunity. Immunological Reviews, 2012, 248, 188-204.	2.8	327
4	Î±7 Nicotinic Acetylcholine Receptor Signaling Inhibits Inflammasome Activation by Preventing Mitochondrial DNA Release. Molecular Medicine, 2014, 20, 350-358.	1.9	169
5	Neurostimulation of the Cholinergic Anti-Inflammatory Pathway Ameliorates Disease in Rat Collagen-Induced Arthritis. PLoS ONE, 2014, 9, e104530.	1.1	157
6	Î±7 Nicotinic Acetylcholine Receptor (Î±7nAChR) Expression in Bone Marrow-Derived Non-T Cells Is Required for the Inflammatory Reflex. Molecular Medicine, 2012, 18, 539-543.	1.9	133
7	Identification of CD163 as an antiinflammatory receptor for HMGB1-haptoglobin complexes. JCI Insight, 2016, 1, .	2.3	112
8	Identification of a brainstem locus that inhibits tumor necrosis factor. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29803-29810.	3.3	76
9	Expression of Concern: <scp>HMGB</scp>1 mediates splenomegaly and expansion of splenic <scp>CD</scp>11b+ <scp>L</scp>yâ€6<scp>C</scp>^{high} inflammatory monocytes in murine sepsis survivors. Journal of Internal Medicine, 2013, 274, 381-390.	2.7	74
10	Single-Pulse and Unidirectional Electrical Activation of the Cervical Vagus Nerve Reduces Tumor Necrosis Factor in Endotoxemia. Bioelectronic Medicine, 2015, 2, 37-42.	1.0	65
11	Safety and efficacy of neurostimulation with a miniaturised vagus nerve stimulation device in patients with multidrug-refractory rheumatoid arthritis: a two-stage multicentre, randomised pilot study. Lancet Rheumatology, The, 2020, 2, e527-e538.	2.2	59
12	Forebrain Cholinergic Signaling Regulates Innate Immune Responses and Inflammation. Frontiers in Immunology, 2019, 10, 585.	2.2	55
13	Adenylyl Cyclase 6 Mediates Inhibition of TNF in the Inflammatory Reflex. Frontiers in Immunology, 2018, 9, 2648.	2.2	49
14	Spinal p38 MAP kinase regulates peripheral cholinergic outflow. Arthritis and Rheumatism, 2008, 58, 2919-2921.	6.7	42
15	An Effective Method for Acute Vagus Nerve Stimulation in Experimental Inflammation. Frontiers in Neuroscience, 2019, 13, 877.	1.4	40
16	Vagus Nerve Stimulation in Rodent Models: An Overview of Technical Considerations. Frontiers in Neuroscience, 2019, 13, 911.	1.4	36
17	Sequestering HMGB1 via DNA-Conjugated Beads Ameliorates Murine Colitis. PLoS ONE, 2014, 9, e103992.	1.1	24
18	Neuronal Circuits Modulate Antigen Flow Through Lymph Nodes. Bioelectronic Medicine, 2016, 3, 18-28.	1.0	23

#	Article	IF	Citations
19	Constitutive Vagus Nerve Activation Modulates Immune Suppression in Sepsis Survivors. Frontiers in Immunology, 2018, 9, 2032.	2.2	22
20	Towards improved control of inflammatory bowel disease. Scandinavian Journal of Immunology, 2019, 89, e12745.	1.3	22
21	Neurostimulation of the Cholinergic Antiinflammatory Pathway in Rheumatoid Arthritis and Inflammatory Bowel Disease. Bioelectronic Medicine, 2014, 1, 34-43.	1.0	12
22	Harnessing the Inflammatory Reflex for the Treatment of Inflammation-Mediated Diseases. Cold Spring Harbor Perspectives in Medicine, 2020, 10, a034330.	2.9	11
23	Vagus Nerve Stimulation Reduces Indomethacin-Induced Small Bowel Inflammation. Frontiers in Neuroscience, 2021, 15, 730407.	1.4	11
24	Mo1906 - The Effects of Vagus Nerve Stimulation in Biologicrefractory Crohn's Disease: A Prospective Clinical Trial. Gastroenterology, 2018, 154, S-847.	0.6	9
25	367 â€“ Vagus Nerve Stimulation Reduces Disease Activity and Modulates Serum and Autonomic Biomarkers in Biologicrefractory Crohn's Disease. Gastroenterology, 2019, 156, S-75.	0.6	7
26	The brainâ€“gut axis, inflammatory bowel disease and bioelectronic medicine. International Immunology, 2021, 33, 349-356.	1.8	6
27	Emetine Di-HCl Attenuates Type 1 Diabetes Mellitus in Mice. Molecular Medicine, 2016, 22, 585-596.	1.9	5
28	Identification of CD163 as an antiinflammatory receptor for HMGB1-haptoglobin complexes. JCI Insight, 2018, 3, .	2.3	5
29	Neurophysiologic and Chronic Safety Testing of a Miniaturized Active Implanted Device with Integrated Electrodes for Bioelectronic Medicine Applications. , 2018, 2018, 3689-3692.		4
30	VNS for Treatment of Inflammatory Joint Diseases. , 2017, , 35-53.		4
31	322 Vagus Nerve Stimulation Provides Prolonged and Spleen-Independent Protection Against Indomethacin-Induced Intestinal Inflammation. Gastroenterology, 2013, 144, S-67.	0.6	2
32	Bioelectronic Therapy for the Treatment of Rheumatoid Arthritis and Inflammatory Bowel Disease. , 2018, , 1503-1511.		2
33	LB0009â€... FIRST-IN-HUMAN STUDY OF NOVEL IMPLANTED VAGUS NERVE STIMULATION DEVICE TO TREAT RHEUMATOID ARTHRITIS. , 2019, , .		2
34	Activation of the Inflammatory Reflex in Rheumatoid Arthritis and Inflammatory Bowel Disease; Preclinical Evidence. , 2018, , 1493-1502.		1
35	Vagus nerve stimulation in rheumatoid arthritis â€“ Authors' reply. Lancet Rheumatology, The, 2021, 3, e14-e15.	2.2	1
36	Vagus Nerve Stimulation Reduces Inflammation of the Small Intestinal Mucosa in the Indomethacin-Induced Enteropathy Model. Inflammatory Bowel Diseases, 2012, 18, S92.	0.9	0

#	Article	IF	Citations
37	List of Contributors of Volume 3. , 2018, , xi-xiii.		0
38	Perspectives on the Issues and Barriers to Starting a New Neuromodulation Company From New Start-Ups in Neuromodulation. , 2018, , 1651-1663.		0