

Toby K Eisenstein

List of Publications by Year in descending order

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42
papers

2,542
citations

236925

25
h-index

276875

41
g-index

43
all docs

43
docs citations

43
times ranked

2285
citing authors

#	ARTICLE	IF	CITATIONS
1	Opioids, opioid receptors, and the immune response. <i>Drug and Alcohol Dependence</i> , 2001, 62, 111-123.	3.2	392
2	Opioid modulation of immune responses: effects on phagocyte and lymphoid cell populations. <i>Journal of Neuroimmunology</i> , 1998, 83, 36-44.	2.3	248
3	Immunosuppression induced by nitric oxide and its inhibition by interleukin-4. <i>European Journal of Immunology</i> , 1992, 22, 2249-2254.	2.9	183
4	The Role of Opioid Receptors in Immune System Function. <i>Frontiers in Immunology</i> , 2019, 10, 2904.	4.8	157
5	Morphine treatment in vitro or in vivo decreases phagocytic functions of murine macrophages. <i>Life Sciences</i> , 1993, 53, 997-1006.	4.3	137
6	Win 55212-2, a cannabinoid receptor agonist, attenuates leukocyte/endothelial interactions in an experimental autoimmune encephalomyelitis model. <i>Multiple Sclerosis Journal</i> , 2004, 10, 158-164.	3.0	105
7	Innate Immune Responses to Systemic <i>Acinetobacter baumannii</i> Infection in Mice: Neutrophils, but Not Interleukin-17, Mediate Host Resistance. <i>Infection and Immunity</i> , 2011, 79, 3317-3327.	2.2	94
8	Immunity to <i>Salmonella</i> Infection. <i>Advances in Experimental Medicine and Biology</i> , 1983, 162, 261-296.	1.6	94
9	Differential Effects of Morphine and Naltrexone on the Antibody Response in Various Mouse Strains. <i>Immunopharmacology and Immunotoxicology</i> , 1992, 14, 657-673.	2.4	89
10	μ -Opioid Induction of Monocyte Chemoattractant Protein-1, RANTES, and IFN- γ -Inducible Protein-10 Expression in Human Peripheral Blood Mononuclear Cells. <i>Journal of Immunology</i> , 2000, 165, 6519-6524.	0.8	86
11	Effects of Opioid Tolerance and Withdrawal on the Immune System. <i>Journal of NeuroImmune Pharmacology</i> , 2006, 1, 237-249.	4.1	85
12	Effects of Cannabinoids on T-cell Function and Resistance to Infection. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 204-216.	4.1	84
13	Morphine Increases Susceptibility to Oral <i>Salmonella typhimurium</i> Infection. <i>Journal of Infectious Diseases</i> , 2000, 181, 1350-1358.	4.0	68
14	Implications of <i>Salmonella</i> -induced nitric oxide (NO) for host defense and vaccines: NO, an antimicrobial, antitumor, immunosuppressive and immunoregulatory molecule. <i>Microbes and Infection</i> , 2001, 3, 1223-1231.	1.9	58
15	Anandamide and Δ^9 -tetrahydrocannabinol directly inhibit cells of the immune system via CB2 receptors. <i>Journal of Neuroimmunology</i> , 2007, 189, 17-22.	2.3	57
16	Abrupt or precipitated withdrawal from morphine induces immunosuppression. <i>Journal of Neuroimmunology</i> , 2002, 127, 88-95.	2.3	50
17	Morphine, but Not Trauma, Sensitizes to Systemic <i>Acinetobacter baumannii</i> Infection. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 551-565.	4.1	47
18	Cannabinoids Inhibit T-cells via Cannabinoid Receptor 2 in an In Vitro Assay for Graft Rejection, the Mixed Lymphocyte Reaction. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 1239-1250.	4.1	44

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19	Morphine Withdrawal Lowers Host Defense to Enteric Bacteria: Spontaneous Sepsis and Increased Sensitivity to Oral <i>Salmonella enterica</i> Serovar Typhimurium Infection. <i>Infection and Immunity</i> , 2006, 74, 5221-5226.	2.2	42
20	A CB2-Selective Cannabinoid Suppresses T-Cell Activities and Increases Tregs and IL-10. <i>Journal of Neuroimmune Pharmacology</i> , 2015, 10, 318-332.	4.1	40
21	Morphine withdrawal sensitizes mice to lipopolysaccharide: Elevated TNF- α and nitric oxide with decreased IL-12. <i>Journal of Neuroimmunology</i> , 2005, 164, 57-65.	2.3	38
22	Withdrawal from morphine in mice suppresses splenic macrophage function, cytokine production, and costimulatory molecules. <i>Journal of Neuroimmunology</i> , 2003, 144, 16-27.	2.3	36
23	Effects of mu, kappa or delta opioids administered by pellet or pump on oral <i>Salmonella</i> infection and gastrointestinal transit. <i>European Journal of Pharmacology</i> , 2006, 534, 250-257.	3.5	32
24	Increased Sensitivity to <i>Salmonella enterica</i> Serovar Typhimurium Infection in Mice Undergoing Withdrawal from Morphine Is Associated with Suppression of Interleukin-12. <i>Infection and Immunity</i> , 2005, 73, 7953-7959.	2.2	29
25	Splenic macrophages and B cells mediate immunosuppression following abrupt withdrawal from morphine. <i>Journal of Leukocyte Biology</i> , 2005, 78, 1185-1191.	3.3	27
26	Opioids and the immune system: what is their mechanism of action?. <i>British Journal of Pharmacology</i> , 2011, 164, 1826-1828.	5.4	26
27	The effect of gp120 on morphine's antinociceptive and neurophysiological actions. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1434-1443.	4.1	21
28	Immunotherapy of a plasmacytoma with attenuated salmonella. <i>Medical Oncology</i> , 1995, 12, 103-108.	2.5	19
29	Paradoxes of immunosuppression in mouse models of withdrawal. <i>Journal of Neuroimmunology</i> , 2004, 147, 114-120.	2.3	19
30	Nociceptin/Orphanin FQ Suppresses Adaptive Immune Responses In Vivo and at Picomolar Levels In Vitro. <i>Journal of Neuroimmune Pharmacology</i> , 2010, 5, 143-154.	4.1	17
31	Morphine Attenuates Leukocyte/Endothelial Interactions. <i>Microvascular Research</i> , 2000, 60, 121-130.	2.5	16
32	Opioid-sparing effects of cannabinoids on morphine analgesia: participation of CB ₁ and CB ₂ receptors. <i>British Journal of Pharmacology</i> , 2019, 176, 3378-3389.	5.4	16
33	Ethyl Pyruvate Modulates Murine Dendritic Cell Activation and Survival Through Their Immunometabolism. <i>Frontiers in Immunology</i> , 2019, 10, 30.	4.8	15
34	Endomorphin 1 and endomorphin 2 suppress in vitro antibody formation at ultra-low concentrations: Anti-peptide antibodies but not opioid antagonists block the activity. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 824-832.	4.1	14
35	Coadministration of Chemokine Receptor Antagonists with Morphine Potentiates Morphine's Analgesic Effect on Incisional Pain in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 367, 433-441.	2.5	14
36	Potentiating effect of morphine on oral <i>Salmonella enterica</i> serovar Typhimurium infection is μ -opioid receptor-dependent. <i>Microbial Pathogenesis</i> , 2010, 49, 330-335.	2.9	12

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37	Specific association of Type I c-Abl with Ran GTPase in lipopolysaccharide-mediated differentiation. <i>Oncogene</i> , 2001, 20, 2618-2625.	5.9	8
38	Immunogenic endotoxin associated protein from a rough strain of Salmonella. <i>FEMS Microbiology Letters</i> , 1989, 47, 485-490.	1.8	6
39	Chemokine receptor antagonists enhance the antinociceptive activity of oxycodone and meperidine on incisional pain in rats. <i>British Journal of Anaesthesia</i> , 2019, 122, e213-e215.	3.4	5
40	Chemokine receptor antagonists enhance morphine's antinociceptive effect but not respiratory depression. <i>Life Sciences</i> , 2021, 285, 120014.	4.3	5
41	A Cannabinoid 2-Selective Agonist Inhibits Allogeneic Skin Graft Rejection In Vivo. <i>Frontiers in Pharmacology</i> , 2021, 12, 804950.	3.5	3
42	Artificial Intelligence Identified Resilient and Vulnerable Female Rats After Traumatic Stress and Ethanol Exposure: Investigation of Neuropeptide Y Pathway Regulation. <i>Frontiers in Neuroscience</i> , 2021, 15, 772946.	2.8	2