

Sabita Roy

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,171
citations

172386

29
h-index

161767

54
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67
all docs

67
docs citations

67
times ranked

3279
citing authors

#	ARTICLE	IF	CITATIONS
1	Brief Hydromorphone Exposure During Pregnancy Sufficient to Induce Maternal and Neonatal Microbial Dysbiosis. <i>Journal of NeuroImmune Pharmacology</i> , 2022, 17, 367-375.	2.1	10
2	Opioids and Sepsis: Elucidating the Role of the Microbiome and microRNA-146. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1097.	1.8	6
3	Opioid Use, Gut Dysbiosis, Inflammation, and the Nervous System. <i>Journal of NeuroImmune Pharmacology</i> , 2022, 17, 76-93.	2.1	16
4	Opioid Use in Murine Model Results in Severe Gastric Pathology that May Be Attenuated by Proton Pump Inhibition. <i>American Journal of Pathology</i> , 2022, 192, 1136-1150.	1.9	8
5	Opioid-Use, COVID-19 Infection, and Their Neurological Implications. <i>Frontiers in Neurology</i> , 2022, 13, .	1.1	2
6	Gut permeability and cognitive decline: A pilot investigation in the Northern Manhattan Study. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 12, 100214.	1.3	7
7	Immune modulation mediated by extracellular vesicles of intestinal organoids is disrupted by opioids. <i>Mucosal Immunology</i> , 2021, 14, 887-898.	2.7	14
8	Prenatal opioid exposure and vulnerability to future substance use disorders in offspring. <i>Experimental Neurology</i> , 2021, 339, 113621.	2.0	20
9	Viral vector-mediated gene therapy for opioid use disorders. <i>Experimental Neurology</i> , 2021, 341, 113710.	2.0	6
10	HIV Tat-Mediated Induction of Monocyte Transmigration Across the Bloodâ€‘Brain Barrier: Role of Chemokine Receptor CXCR3. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 724970.	1.8	8
11	Housing conditions and microbial environment do not affect the efficacy of vaccines for treatment of opioid use disorders in mice and rats. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 4383-4392.	1.4	3
12	Opioid Modulation of the Gutâ€‘Brain Axis in Opioid-Associated Comorbidities. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a040485.	2.9	1
13	Minnelide, a prodrug, inhibits cervical cancer growth by blocking HPV-induced changes in p53 and pRb. <i>American Journal of Cancer Research</i> , 2021, 11, 2202-2214.	1.4	1
14	Experimental Models of COVID-19. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 792584.	1.8	27
15	Acetylcholinesterase Inhibitor Pyridostigmine Bromide Attenuates Gut Pathology and Bacterial Dysbiosis in a Murine Model of Ulcerative Colitis. <i>Digestive Diseases and Sciences</i> , 2020, 65, 141-149.	1.1	17
16	Opioid use potentiates the virulence of hospital-acquired infection, increases systemic bacterial dissemination and exacerbates gut dysbiosis in a murine model of <i>Citrobacter rodentium</i> infection. <i>Gut Microbes</i> , 2020, 11, 172-190.	4.3	15
17	Prescription Opioids induce Gut Dysbiosis and Exacerbate Colitis in a Murine Model of Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 801-817.	0.6	35
18	Glycogen synthase kinase-3 inhibition rescues sex-dependent contextual fear memory deficit in human immunodeficiency virus-1 transgenic mice. <i>British Journal of Pharmacology</i> , 2020, 177, 5658-5676.	2.7	5

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19	STING differentially regulates experimental GVHD mediated by CD8 versus CD4 T cell subsets. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	15
20	Viral Vectorâ€“Mediated Gene Transfer of Glutamic Acid Decarboxylase for Chronic Pain Treatment: A Literature Review. <i>Human Gene Therapy</i> , 2020, 31, 405-414.	1.4	12
21	Cocaine Induces Inflammatory Gut Milieu by Compromising the Mucosal Barrier Integrity and Altering the Gut Microbiota Colonization. <i>Scientific Reports</i> , 2019, 9, 12187.	1.6	47
22	Morphine tolerance is attenuated in germfree mice and reversed by probiotics, implicating the role of gut microbiome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13523-13532.	3.3	98
23	Morphine Potentiates Dysbiotic Microbial and Metabolic Shifts in Acute SIV Infection. <i>Journal of NeuroImmune Pharmacology</i> , 2019, 14, 200-214.	2.1	31
24	Opioids Impair Intestinal Epithelial Repair in HIV-Infected Humanized Mice. <i>Frontiers in Immunology</i> , 2019, 10, 2999.	2.2	44
25	Extracellular Vesicles with Exosome-like Features Transfer TLRs between Dendritic Cells. <i>ImmunoHorizons</i> , 2019, 3, 186-193.	0.8	13
26	The Innate Immune Sensor Sting Promotes Donor CD8+ T Cell Activation and Recipient APC Death Early after Preclinical Allogeneic Hematopoietic Stem Cell Transplantation. <i>Blood</i> , 2019, 134, 3202-3202.	0.6	0
27	Morphine worsens the severity and prevents pancreatic regeneration in mouse models of acute pancreatitis. <i>Gut</i> , 2018, 67, gutjnl-2017-313717.	6.1	70
28	Morphine induces changes in the gut microbiome and metabolome in a morphine dependence model. <i>Scientific Reports</i> , 2018, 8, 3596.	1.6	166
29	Prescription opioids are associated with higher mortality in patients diagnosed with sepsis: A retrospective cohort study using electronic health records. <i>PLoS ONE</i> , 2018, 13, e0190362.	1.1	58
30	Pirfenidone ameliorates murine chronic GVHD through inhibition of macrophage infiltration and TGF- β 2 production. <i>Blood</i> , 2017, 129, 2570-2580.	0.6	122
31	Gut Homeostasis, Microbial Dysbiosis, and Opioids. <i>Toxicologic Pathology</i> , 2017, 45, 150-156.	0.9	86
32	Enteric glialâ€“mediated enhancement of intestinal barrier integrity is compromised by morphine. <i>Journal of Surgical Research</i> , 2017, 219, 214-221.	0.8	35
33	Oncostatin M promotes excitotoxicity by inhibiting glutamate uptake in astrocytes: implications in HIV-associated neurotoxicity. <i>Journal of Neuroinflammation</i> , 2016, 13, 144.	3.1	33
34	Inhibition of NF-kappa B pathway leads to deregulation of epithelialâ€“mesenchymal transition and neural invasion in pancreatic cancer. <i>Laboratory Investigation</i> , 2016, 96, 1268-1278.	1.7	69
35	Differential effects of gram-positive and gram-negative bacterial products on morphine induced inhibition of phagocytosis. <i>Scientific Reports</i> , 2016, 6, 21094.	1.6	12
36	Study of Epithelium Barrier Functions by Real-time TER Measurement. <i>Bio-protocol</i> , 2016, 6, .	0.2	2

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37	Chronic morphine and HIV-1 Tat promote differential central nervous system trafficking of CD3+ and Ly6C+ immune cells in a murine <i>Streptococcus pneumoniae</i> infection model. <i>Journal of Neuroinflammation</i> , 2015, 12, 120.	3.1	23
38	Morphine potentiates LPS-induced autophagy initiation but inhibits autophagosomal maturation through distinct TLR4-dependent and independent pathways. <i>Acta Physiologica</i> , 2015, 214, 189-199.	1.8	29
39	Disruption of gut homeostasis by opioids accelerates HIV disease progression. <i>Frontiers in Microbiology</i> , 2015, 6, 643.	1.5	43
40	Hypoxia Differentially Regulates Arterial and Venous Smooth Muscle Cell Migration. <i>PLoS ONE</i> , 2015, 10, e0138587.	1.1	21
41	Opioid Exacerbation of Gram-positive sepsis, induced by Gut Microbial Modulation, is Rescued by IL-17A Neutralization. <i>Scientific Reports</i> , 2015, 5, 10918.	1.6	99
42	High Throughput Fluorometric Technique for Assessment of Macrophage Phagocytosis and Actin Polymerization. <i>Journal of Visualized Experiments</i> , 2014, , e52195.	0.2	25
43	Supplemental Oxygen Reverses Hypoxia-induced Smooth Muscle Cell Proliferation by Modulating HIF-alpha and VEGF Levels in a Rabbit Arteriovenous Fistula Model. <i>Annals of Vascular Surgery</i> , 2014, 28, 725-736.	0.4	34
44	Morphine Inhibits Migration of Tumor-Infiltrating Leukocytes and Suppresses Angiogenesis Associated with Tumor Growth in Mice. <i>American Journal of Pathology</i> , 2014, 184, 1073-1084.	1.9	73
45	Morphine induced exacerbation of sepsis is mediated by tempering endotoxin tolerance through modulation of miR-146a. <i>Scientific Reports</i> , 2013, 3, 1977.	1.6	56
46	Morphine Induces Bacterial Translocation in Mice by Compromising Intestinal Barrier Function in a TLR-Dependent Manner. <i>PLoS ONE</i> , 2013, 8, e54040.	1.1	149
47	Morphine Decreases Bacterial Phagocytosis by Inhibiting Actin Polymerization through cAMP-, Rac-1-, and p38 MAPK-Dependent Mechanisms. <i>American Journal of Pathology</i> , 2012, 180, 1068-1079.	1.9	56
48	Opioid Drug Abuse and Modulation of Immune Function: Consequences in the Susceptibility to Opportunistic Infections. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 442-465.	2.1	254
49	Morphine Withdrawal Stress Modulates Lipopolysaccharide-induced Interleukin 12 p40 (IL-12p40) Expression by Activating Extracellular Signal-regulated Kinase 1/2, Which Is Further Potentiated by Glucocorticoids. <i>Journal of Biological Chemistry</i> , 2011, 286, 29806-29817.	1.6	22
50	Morphine Disrupts Interleukin-23 (IL-23)/IL-17-Mediated Pulmonary Mucosal Host Defense against <i>Streptococcus pneumoniae</i> Infection. <i>Infection and Immunity</i> , 2010, 78, 830-837.	1.0	48
51	Opioids and Infections in the Intensive Care Unit Should Clinicians and Patients be Concerned?. <i>Journal of NeuroImmune Pharmacology</i> , 2008, 3, 218-229.	2.1	18
52	Morphine Induces Defects in Early Response of Alveolar Macrophages to <i>Streptococcus pneumoniae</i> by Modulating TLR9-NF- κ B Signaling. <i>Journal of Immunology</i> , 2008, 180, 3594-3600.	0.4	89
53	Modulation of Immune Function by Morphine: Implications for Susceptibility to Infection. <i>Journal of NeuroImmune Pharmacology</i> , 2006, 1, 77-89.	2.1	142
54	Morphine Induces CD4+ T Cell IL-4 Expression through an Adenylyl Cyclase Mechanism Independent of the Protein Kinase A Pathway. <i>Journal of Immunology</i> , 2005, 175, 6361-6367.	0.4	63

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55	In Vivo Activation of a Mutant μ -Opioid Receptor by Naltrexone Produces a Potent Analgesic Effect But No Tolerance: Role of μ -Receptor Activation and μ -Receptor Blockade in Morphine Tolerance. Journal of Neuroscience, 2005, 25, 3229-3233.	1.7	29
56	Morphine Impairs Host Innate Immune Response and Increases Susceptibility to <i>Streptococcus pneumoniae</i> Lung Infection. Journal of Immunology, 2005, 174, 426-434.	0.4	177
57	Chronic morphine treatment differentiates T helper cells to Th2 effector cells by modulating transcription factors GATA 3 and T-bet. Journal of Neuroimmunology, 2004, 147, 78-81.	1.1	80
58	Morphine Negatively Regulates Interferon- γ Promoter Activity in Activated Murine T Cells through Two Distinct Cyclic AMP-dependent Pathways. Journal of Biological Chemistry, 2003, 278, 37622-37631.	1.6	76
59	Morphine Modulates NF κ B Activation in Macrophages. Biochemical and Biophysical Research Communications, 1998, 245, 392-396.	1.0	153
60	Targeting the tumor vasculature: Inhibition of tumor growth by a vascular endothelial growth factor-toxin conjugate. , 1997, 73, 865-870.		70
61	Targeting the tumor vasculature: Inhibition of tumor growth by a vascular endothelial growth factor-toxin conjugate. , 1997, 73, 865.		1
62	Effects of opioids on the immune system. Neurochemical Research, 1996, 21, 1375-1386.	1.6	179
63	[³ H]Morphine binding is enhanced by IL-1-stimulated thymocyte proliferation. FEBS Letters, 1991, 287, 93-96.	1.3	43
64	Gut-Microbiome Implications in Opioid Use Disorder and Related Behaviors. Advances in Drug and Alcohol Research, 0, 2, .	2.5	4