

Supriya D Mahajan

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,771
citations

159585

30
h-index

197818

49
g-index

80
all docs

80
docs citations

80
times ranked

4057
citing authors

#	ARTICLE	IF	CITATIONS
1	Thirty-day unplanned readmission in hospitalised asthma patients in the USA. <i>Postgraduate Medical Journal</i> , 2022, 98, 830-836.	1.8	2
2	Mitochondrial Dysfunction: A Prelude to Neuropathogenesis of SARS-CoV-2. <i>ACS Chemical Neuroscience</i> , 2022, 13, 308-312.	3.5	16
3	Small molecule based EGFR targeting of biodegradable nanoparticles containing temozolomide and Cy5 dye for greatly enhanced image-guided glioblastoma therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 41, 102513.	3.3	8
4	Use of Glycoproteinsâ€™ Prostate-Specific Membrane Antigen and Galectin-3 as Primary Tumor Markers and Therapeutic Targets in the Management of Metastatic Prostate Cancer. <i>Cancers</i> , 2022, 14, 2704.	3.7	7
5	Raman spectroscopy based molecular signatures of methamphetamine and HIV induced mitochondrial dysfunction. <i>Biochemical and Biophysical Research Communications</i> , 2022, 621, 116-121.	2.1	1
6	A cannabidiol-loaded Mg-gallate metalâ€™organic framework-based potential therapeutic for glioblastomas. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2505-2514.	5.8	13
7	SARS-COV2 Alters Blood Brain Barrier Integrity Contributing to Neuro-Inflammation. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 4-6.	4.1	59
8	Neuropsychiatric Adverse Events During 12 Months of Treatment With Efavirenz in Treatment-Naïve HIV-Infected Patients in China: A Prospective Cohort Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 579448.	2.6	13
9	Excretable, ultrasmall hexagonal NaGdF ₄ :Yb50% nanoparticles for bimodal imaging and radiosensitization. <i>Cancer Nanotechnology</i> , 2021, 12, 4.	3.7	9
10	HIV Neuroinflammation: The Role of Exosomes in Cell Signaling, Prognostic and Diagnostic Biomarkers and Drug Delivery. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 637192.	3.7	13
11	IL-17 Is a Key Regulator of Mucin-Galectin-3 Interactions in Asthma. <i>International Journal of Cell Biology</i> , 2021, 2021, 1-11.	2.5	4
12	Telomere Length Shortening in Microglia: Implication for Accelerated Senescence and Neurocognitive Deficits in HIV. <i>Vaccines</i> , 2021, 9, 721.	4.4	5
13	Local complement factor H protects kidney endothelial cell structure and function. <i>Kidney International</i> , 2021, 100, 824-836.	5.2	12
14	Blast-induced injury responsive relative gene expression of traumatic brain injury biomarkers in human brain microvascular endothelial cells. <i>Brain Research</i> , 2021, 1770, 147642.	2.2	3
15	Mitochondrial Dynamics in SARS-COV2 Spike Protein Treated Human Microglia: Implications for Neuro-COVID. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 770-784.	4.1	37
16	Transmigration of Tetraspanin 2 (Tspan2) siRNA Via Microglia Derived Exosomes across the Blood Brain Barrier Modifies the Production of Immune Mediators by Microglia Cells. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 554-563.	4.1	33
17	Laser ablation for pharmaceutical nanoformulations: Multi-drug nanoencapsulation and theranostics for HIV. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 25, 102172.	3.3	13
18	Effect of Dolutegravir and Sertraline on the Blood Brain Barrier (BBB). <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 7-9.	4.1	5

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19	Comparative phase imaging of live cells by digital holographic microscopy and transport of intensity equation methods. <i>Optics Express</i> , 2020, 28, 6123.	3.4	14
20	Curcumin-Pluronic Nanoparticles: A Theranostic Nanoformulation for Alzheimer's Disease. <i>Critical Reviews in Biomedical Engineering</i> , 2020, 48, 153-168.	0.9	11
21	In-vitro studies of curcumin encapsulated mesoporous Fe-Phenanthroline nanocluster for reduction of amyloid β plaque. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101314.	3.0	3
22	Multifunctional mesoporous curcumin encapsulated iron-phenanthroline nanocluster: A new Anti-HIV agent. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 180, 289-297.	5.0	24
23	Methamphetamine-induced apoptosis in glial cells examined under marker-free imaging modalities. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	14
24	Impact of Lopinavir/Ritonavir and Efavirenz-Based Antiretroviral Therapy on the Lipid Profile of Chinese HIV/AIDS Treatment-Naïve Patients in Beijing: A Retrospective Study. <i>Current HIV Research</i> , 2019, 17, 324-334.	0.5	13
25	Methamphetamine Induces Apoptosis of Microglia via the Intrinsic Mitochondrial-Dependent Pathway. <i>Journal of NeuroImmune Pharmacology</i> , 2018, 13, 396-411.	4.1	34
26	United States National Trends in Mortality, Length of Stay (LOS) and Associated Costs of Cognitive Impairment in HIV Population from 2005 to 2014. <i>AIDS and Behavior</i> , 2018, 22, 3198-3208.	2.7	16
27	Neuroprotective effects of a biodegradable poly(lactic-co-glycolic acid)-ginsenoside Rg3 nanoformulation: a potential nanotherapy for Alzheimer's disease?. <i>Journal of Drug Targeting</i> , 2018, 26, 182-193.	4.4	62
28	Role of Galectin-3 in the pathophysiology underlying allergic lung inflammation in a tissue inhibitor of metalloproteinases 1 knockout model of murine asthma. <i>Immunology</i> , 2018, 153, 387-396.	4.4	10
29	The Therapeutic Potential of Blocking Galectin-3 Expression in Acute Myocardial Infarction and Mitigating Inflammation of Infarct Region: A Clinical Outcome-Based Translational Study. <i>Biomarker Insights</i> , 2018, 13, 117727191877196.	2.5	17
30	Galectin-1 Reduces Neuroinflammation via Modulation of Nitric Oxide-Arginase Signaling in HIV-1 Transfected Microglia: a Gold Nanoparticle-Galectin-1 Nanoplex a Possible Neurotherapeutic?. <i>Journal of NeuroImmune Pharmacology</i> , 2017, 12, 133-151.	4.1	25
31	Immunomodulatory Role of Complement Proteins in the Neuropathology Associated with Opiate Abuse and HIV-1 Co-Morbidity. <i>Immunological Investigations</i> , 2017, 46, 816-832.	2.0	9
32	Immunomodulatory activities of curcumin-stabilized silver nanoparticles: Efficacy as an antiretroviral therapeutic. <i>Immunological Investigations</i> , 2017, 46, 833-846.	2.0	48
33	Multifunctional Photonics Nanoparticles for Crossing the Blood-Brain Barrier and Effecting Optically Trackable Brain Theranostics. <i>Advanced Functional Materials</i> , 2016, 26, 7057-7066.	14.9	61
34	Nanotherapy silencing the interleukin-8 gene produces regression of prostate cancer by inhibition of angiogenesis. <i>Immunology</i> , 2016, 148, 387-406.	4.4	24
35	C5a induces caspase-dependent apoptosis in brain vascular endothelial cells in experimental lupus. <i>Immunology</i> , 2016, 148, 407-419.	4.4	35
36	Neuroprotective role of galectin-1 in central nervous system pathophysiology. <i>Neural Regeneration Research</i> , 2016, 11, 896.	3.0	13

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37	C5a alters blood-brain barrier integrity in a human <i>in vitro</i> model of systemic lupus erythematosus. <i>Immunology</i> , 2015, 146, 130-143.	4.4	56
38	Nanotherapeutic Approach to Targeting HIV-1 in the CNS. , 2015, , 251-268.		1
39	Galectin-1 suppresses methamphetamine induced neuroinflammation in human brain microvascular endothelial cells: Neuroprotective role in maintaining blood brain barrier integrity. <i>Brain Research</i> , 2015, 1624, 175-187.	2.2	32
40	Nanotherapeutic Approach for Opiate Addiction Using DARPP-32 Gene Silencing in an Animal Model of Opiate Addiction. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 136-152.	4.1	14
41	Cardiac Morbidity in an HIV-1 Lipodystrophy Patient Cohort Expressing the TNF- α -238 G/A Single Nucleotide Gene Polymorphism. <i>Current HIV Research</i> , 2015, 13, 98-108.	0.5	4
42	Successful Implementation of eRx Systems: Creating Technology-Organization Alignment using the Strategy-Map Approach. <i>Information Systems Management</i> , 2014, 31, 104-119.	5.7	0
43	Spectrum of central nervous system disorders in hospitalized HIV/AIDS patients (2009-2011) at a major HIV/AIDS referral center in Beijing, China. <i>Journal of the Neurological Sciences</i> , 2014, 342, 88-92.	0.6	20
44	Theranostic quantum dots for crossing blood-brain barrier in vitro and providing therapy of HIV-associated encephalopathy. <i>Frontiers in Pharmacology</i> , 2013, 4, 140.	3.5	76
45	Suppression of MMP-9 Expression in Brain Microvascular Endothelial Cells (BMVEC) Using a Gold Nanorod (GNR)-siRNA Nanoplex. <i>Immunological Investigations</i> , 2012, 41, 337-355.	2.0	27
46	Morphine and Galectin-1 Modulate HIV-1 Infection of Human Monocyte-Derived Macrophages. <i>Journal of Immunology</i> , 2012, 188, 3757-3765.	0.8	33
47	Single nucleotide polymorphisms (SNPs) in key cytokines may modulate food allergy phenotypes. <i>European Food Research and Technology</i> , 2012, 235, 971-980.	3.3	9
48	Nanoparticle Based Galectin-1 Gene Silencing, Implications in Methamphetamine Regulation of HIV-1 Infection in Monocyte Derived Macrophages. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 673-685.	4.1	36
49	Nanoparticle-Mediated Targeted Delivery of Antiretrovirals to the Brain. <i>Methods in Enzymology</i> , 2012, 509, 41-60.	1.0	53
50	Anti-HIV-1 nanotherapeutics: promises and challenges for the future. <i>International Journal of Nanomedicine</i> , 2012, 7, 5301.	6.7	118
51	Gene Silencing of Human Neuronal Cells for Drug Addiction Therapy using Anisotropic Nanocrystals. <i>Theranostics</i> , 2012, 2, 695-704.	10.0	18
52	Preparation of Quantum Dot/Drug Nanoparticle Formulations for Traceable Targeted Delivery and Therapy. <i>Theranostics</i> , 2012, 2, 681-694.	10.0	106
53	Gold nanorod-siRNA induces efficient <i>in vivo</i> gene silencing in the rat hippocampus. <i>Nanomedicine</i> , 2011, 6, 617-630.	3.3	51
54	Nanotherapeutics Using an HIV-1 Poly A and Transactivator of the HIV-1 LTR-(TAR-) Specific siRNA. <i>Pathology Research International</i> , 2011, 2011, 1-9.	1.4	9

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55	Genomic Analysis Highlights the Role of the JAK-STAT Signaling in the Anti-Proliferative Effects of Dietary Flavonoidâ€™â€™ Ashwagandhaâ€™™ in Prostate Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2010, 7, 177-187.	1.2	51
56	Enhancing the Delivery of Anti Retroviral Drug “Saquinavir” Across the Blood Brain Barrier Using Nanoparticles. Current HIV Research, 2010, 8, 396-404.	0.5	92
57	Role of chemokine and cytokine polymorphisms in the progression of HIV-1 disease. Biochemical and Biophysical Research Communications, 2010, 396, 348-352.	2.1	21
58	MMP-9 gene silencing by a quantum dotâ€™â€™siRNA nanoplex delivery to maintain the integrity of the blood brain barrier. Brain Research, 2009, 1282, 142-155.	2.2	108
59	Tissue inhibitor of metalloproteinase-1 modulates allergic lung inflammation in murine asthma. Clinical Immunology, 2009, 130, 186-198.	3.2	33
60	Therapeutic Targeting of â€™â€™DARPP-32â€™â€™. International Review of Neurobiology, 2009, 88, 199-222.	2.0	25
61	Nanotechnology approach for drug addiction therapy: Gene silencing using delivery of gold nanorod-siRNA nanoplex in dopaminergic neurons. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5546-5550.	7.1	199
62	Proteomic Analyses of the Effects of Drugs of Abuse on Monocyte-Derived Mature Dendritic Cells. Immunological Investigations, 2009, 38, 526-550.	2.0	15
63	Tight Junction Regulation by Morphine and HIV-1 Tat Modulates Bloodâ€™â€™Brain Barrier Permeability. Journal of Clinical Immunology, 2008, 28, 528-541.	3.8	94
64	Methamphetamine alters blood brain barrier permeability via the modulation of tight junction expression: Implication for HIV-1 neuropathogenesis in the context of drug abuse. Brain Research, 2008, 1203, 133-148.	2.2	117
65	Bioconjugated Quantum Rods as Targeted Probes for Efficient Transmigration Across an in Vitro Bloodâ€™â€™Brain Barrier. Bioconjugate Chemistry, 2008, 19, 1179-1185.	3.6	103
66	Nutritional anaemia dysregulates endocrine control of fetal growth. British Journal of Nutrition, 2008, 100, 408-417.	2.3	26
67	Proteomic analyses of methamphetamine (METH)-induced differential protein expression by immature dendritic cells (IDC). Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 433-442.	2.3	44
68	Methamphetamine Modulates Gene Expression Patterns in Monocyte Derived Mature Dendritic Cells. Molecular Diagnosis and Therapy, 2006, 10, 257-269.	3.8	45
69	Endocrine regulation in asymmetric intrauterine fetal growth retardation. Journal of Maternal-Fetal and Neonatal Medicine, 2006, 19, 615-623.	1.5	18
70	Heroin-Induces Differential Protein Expression by Normal Human Astrocytes (NHA). American Journal of Infectious Diseases, 2006, 2, 49-57.	0.2	17
71	Morphine Exacerbates HIV-1 Viral Protein gp120 Induced Modulation of Chemokine Gene Expression in U373 Astrocytoma Cells. Current HIV Research, 2005, 3, 277-288.	0.5	56
72	Thyroid Hormone Dysregulation in Intrauterine Growth Retardation Associated with Maternal Malnutrition and/or Anemia. Hormone and Metabolic Research, 2005, 37, 633-640.	1.5	20

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73	Morphine modulates chemokine gene regulation in normal human astrocytes. <i>Clinical Immunology</i> , 2005, 115, 323-332.	3.2	82
74	Effect of Maternal Malnutrition and Anemia on the Endocrine Regulation of Fetal Growth. <i>Endocrine Research</i> , 2004, 30, 189-203.	1.2	45
75	Immunological assays for chemokine detection in in-vitro culture of CNS cells. <i>Biological Procedures Online</i> , 2003, 5, 90-102.	2.9	31
76	Effector cell mediated cytotoxicity measured by intracellular Granzyme B release in HIV infected subjects. <i>Biological Procedures Online</i> , 2003, 5, 182-188.	2.9	18
77	Morphine Regulates Gene Expression of $\hat{1}\pm$ - and $\hat{1}^2$ -Chemokines and Their Receptors on Astroglial Cells Via the Opioid $\hat{1}^4$ Receptor. <i>Journal of Immunology</i> , 2002, 169, 3589-3599.	0.8	105
78	Cocaine Differentially Modulates Chemokine Production by Mononuclear Cells from Normal Donors and Human Immunodeficiency Virus Type 1-Infected Patients. <i>Vaccine Journal</i> , 2000, 7, 96-100.	2.6	54