

Jatinkumar Machhi

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,643
citations

516215

16
h-index

454577

30
g-index

36
all docs

36
docs citations

36
times ranked

2493
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostics for SARS-CoV-2 infections. <i>Nature Materials</i> , 2021, 20, 593-605.	13.3	533
2	The Natural History, Pathobiology, and Clinical Manifestations of SARS-CoV-2 Infections. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 359-386.	2.1	391
3	Benzylpiperidine-Linked Diarylthiazoles as Potential Anti-Alzheimer's Agents: Synthesis and Biological Evaluation. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5823-5846.	2.9	89
4	Nanocarrier vaccines for SARS-CoV-2. <i>Advanced Drug Delivery Reviews</i> , 2021, 171, 215-239.	6.6	66
5	Harnessing regulatory T cell neuroprotective activities for treatment of neurodegenerative disorders. <i>Molecular Neurodegeneration</i> , 2020, 15, 32.	4.4	57
6	Immunotherapy for Parkinson's disease. <i>Neurobiology of Disease</i> , 2020, 137, 104760.	2.1	57
7	Granulocyte-macrophage colony-stimulating factor neuroprotective activities in Alzheimer's disease mice. <i>Journal of Neuroimmunology</i> , 2018, 319, 80-92.	1.1	53
8	CD4+ effector T cells accelerate Alzheimer's disease in mice. <i>Journal of Neuroinflammation</i> , 2021, 18, 272.	3.1	48
9	URMC-099 facilitates amyloid- β^2 clearance in a murine model of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2018, 15, 137.	3.1	36
10	A Synthetic Agonist to Vasoactive Intestinal Peptide Receptor-2 Induces Regulatory T Cell Neuroprotective Activities in Models of Parkinson's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 421.	1.8	32
11	A Role for Extracellular Vesicles in SARS-CoV-2 Therapeutics and Prevention. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 270-288.	2.1	30
12	Defining the Innate Immune Responses for SARS-CoV-2-Human Macrophage Interactions. <i>Frontiers in Immunology</i> , 2021, 12, 741502.	2.2	28
13	Rod-shape theranostic nanoparticles facilitate antiretroviral drug biodistribution and activity in human immunodeficiency virus susceptible cells and tissues. <i>Theranostics</i> , 2020, 10, 630-656.	4.6	27
14	CRISPR-Cas9 Mediated Exonic Disruption for HIV-1 Elimination. <i>EBioMedicine</i> , 2021, 73, 103678.	2.7	23
15	Discovery of isoalloxazine derivatives as a new class of potential anti-Alzheimer agents and their synthesis. <i>Bioorganic Chemistry</i> , 2015, 61, 7-12.	2.0	21
16	Dexamethasone Alters the Appetite Regulation via Induction of Hypothalamic Insulin Resistance in Rat Brain. <i>Molecular Neurobiology</i> , 2017, 54, 7483-7496.	1.9	20
17	Humanized Mice for Infectious and Neurodegenerative disorders. <i>Retrovirology</i> , 2021, 18, 13.	0.9	20
18	Rilpivirine-associated aggregation-induced emission enables cell-based nanoparticle tracking. <i>Biomaterials</i> , 2020, 231, 119669.	5.7	16

#	ARTICLE	IF	CITATIONS
19	Europium-Doped Cerium Oxide Nanoparticles for Microglial Amyloid Beta Clearance and Homeostasis. ACS Chemical Neuroscience, 2022, 13, 1232-1244.	1.7	16
20	New role of phenothiazine derivatives as peripherally acting CB1 receptor antagonizing anti-obesity agents. Scientific Reports, 2018, 8, 1650.	1.6	12
21	Neuroprotective Potential of Novel Multi-Targeted Isoalloxazine Derivatives in Rodent Models of Alzheimer's Disease Through Activation of Canonical Wnt/ β -Catenin Signalling Pathway. Neurotoxicity Research, 2016, 29, 495-513.	1.3	11
22	Monocyte biomarkers define sargramostim treatment outcomes for Parkinson's disease. Clinical and Translational Medicine, 2022, 12, .	1.7	11
23	Development of an extended half-life GM-CSF fusion protein for Parkinson's disease. Journal of Controlled Release, 2022, 348, 951-965.	4.8	10
24	Modulating cellular autophagy for controlled antiretroviral drug release. Nanomedicine, 2018, 13, 2139-2154.	1.7	9
25	The Immunopathobiology of SARS-CoV-2 Infection. FEMS Microbiology Reviews, 2021, 45, .	3.9	9
26	Pharmacotherapeutics of SARS-CoV-2 Infections. Journal of NeuroImmune Pharmacology, 2021, 16, 12-37.	2.1	4
27	Synthesis and Biological Evaluation of Novel Multi-target-Directed Benzazepines Against Excitotoxicity. Molecular Neurobiology, 2017, 54, 6697-6722.	1.9	3
28	Prodrug Therapies for Infectious and Neurodegenerative Diseases. Pharmaceutics, 2022, 14, 518.	2.0	3
29	3-Substituted 1-methyl-3-benzazepin-2-ones as 5-HT _{2C} receptor agonists. RSC Advances, 2015, 5, 91908-91921.	1.7	2
30	Exploration of 6,7-dimethoxyquinazoline derivatives as dual acting α - and AT ₁ -receptor antagonists: synthesis, evaluation, pharmacophore & 3D-QSAR modeling and receptor docking studies. RSC Advances, 2016, 6, 30661-30682.	1.7	2
31	D ₃ Antagonist and Antipsychotic Potential of Some Novel Benzazepines. Journal of Pharmaceutical Sciences and Pharmacology, 2015, 2, 123-133.	0.2	0
32	Europium sulfide nanoprobe predicts antiretroviral drug delivery into HIV-1 cell and tissue reservoirs. Nanotheranostics, 2021, 5, 417-430.	2.7	0
33	CD4+ T cell effector activities accelerate Alzheimer's disease pathologies.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e052738.	0.4	0