

Upal Roy

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,130
citations

471509

17
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1680
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of drug-to-lipid ratio on nanodisc-based tenofovir drug delivery to the brain for HIV-1 infection. <i>Nanomedicine</i> , 2022, 17, 959-978.	3.3	5
2	Current Considerations for Clinical Management and Care of People with HIV: Findings from the 11th Annual International HIV and Aging Workshop. <i>AIDS Research and Human Retroviruses</i> , 2021, 37, 807-820.	1.1	1
3	The Increase of HIV-1 Infection, Neurocognitive Impairment, and Type 2 Diabetes in The Rio Grande Valley. <i>Current HIV Research</i> , 2020, 17, 377-387.	0.5	2
4	Increased Plasma Levels of the TH2 chemokine CCL18 associated with low CD4+ T cell counts in HIV-1-infected Patients with a Suppressed Viral Load. <i>Scientific Reports</i> , 2019, 9, 5963.	3.3	8
5	The Membrane-Active Phytopeptide Cycloviolacin O2 Simultaneously Targets HIV-1-infected Cells and Infectious Viral Particles to Potentiate the Efficacy of Antiretroviral Drugs. <i>Medicines (Basel)</i> , 2021, 10, 107.	0.784314	10
6	Characterization of Nanodiamond-based anti-HIV drug Delivery to the Brain. <i>Scientific Reports</i> , 2018, 8, 1603.	3.3	72
7	Magnetically guided central nervous system delivery and toxicity evaluation of magneto-electric nanocarriers. <i>Scientific Reports</i> , 2016, 6, 25309.	3.3	92
8	Preparation and characterization of anti-HIV nanodrug targeted to microfold cell of gut-associated lymphoid tissue. <i>International Journal of Nanomedicine</i> , 2015, 10, 5819.	6.7	25
9	DJ1 expression downregulates in neuroblastoma cells (SK-N-MC) chronically exposed to HIV-1 and cocaine. <i>Frontiers in Microbiology</i> , 2015, 6, 749.	3.5	6
10	Role of MRP transporters in regulating antimicrobial drug inefficacy and oxidative stress-induced pathogenesis during HIV-1 and TB infections. <i>Frontiers in Microbiology</i> , 2015, 6, 948.	3.5	15
11	The potential of HIV-1 nanotherapeutics: from <i>in vitro</i> studies to clinical trials. <i>Nanomedicine</i> , 2015, 10, 3597-3609.	3.3	43
12	HIV Infection and Adipose Tissue Resident Stem Cells: Their Involvement in Pathology and Treatment. <i>Stem Cells and Cancer Stem Cells</i> , 2015, , 21-34.	0.1	0
13	Immunoneuropathogenesis of HIV-1 clades B and C: Role of redox expression and thiol modification. <i>Free Radical Biology and Medicine</i> , 2014, 69, 136-144.	2.9	19
14	Preclinical Pharmacokinetics and Tissue Distribution of Long-Acting Nanoformulated Antiretroviral Therapy. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3110-3120.	3.2	70
15	Cycloviolacin O2 (CyO2) suppresses productive infection and augments the antiviral efficacy of nelfinavir in HIV-1 infected monocytic cells. <i>Biopolymers</i> , 2013, 100, 471-479.	2.4	26
16	Specific Increase in MDR1 Mediated Drug-Efflux in Human Brain Endothelial Cells following Co-Exposure to HIV-1 and Saquinavir. <i>PLoS ONE</i> , 2013, 8, e75374.	2.5	17
17	Long-acting nanoformulated antiretroviral therapy elicits potent antiretroviral and neuroprotective responses in HIV-1-infected humanized mice. <i>Aids</i> , 2012, 26, 2135-2144.	2.2	121
18	Mononuclear phagocyte intercellular crosstalk facilitates transmission of cell-targeted nanoformulated antiretroviral drugs to human brain endothelial cells. <i>International Journal of Nanomedicine</i> , 2012, 7, 2373.	6.7	48

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19	Pharmacodynamic and Antiretroviral Activities of Combination Nanoformulated Antiretrovirals in HIV-1â€“Infected Human Peripheral Blood Lymphocyteâ€“Reconstituted Mice. <i>Journal of Infectious Diseases</i> , 2012, 206, 1577-1588.	4.0	62
20	Comparative manufacture and cell-based delivery of antiretroviral nanoformulations. <i>International Journal of Nanomedicine</i> , 2011, 6, 3393.	6.7	37
21	Analyses of nanoformulated antiretroviral drug charge, size, shape and content for uptake, drug release and antiviral activities in human monocyte-derived macrophages. <i>Journal of Controlled Release</i> , 2011, 150, 204-211.	9.9	107
22	Mesenchymal stem cell derived hematopoietic cells are permissive to HIV-1 infection. <i>Retrovirology</i> , 2011, 8, 3.	2.0	23
23	UPLCâ€“MS/MS quantification of nanoformulated ritonavir, indinavir, atazanavir, and efavirenz in mouse serum and tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2332-2338.	2.3	33
24	Methods Development for Blood Borne Macrophage Carriage of Nanoformulated Antiretroviral Drugs. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	17
25	Montelukast Is a Potent and Durable Inhibitor of Multidrug Resistance Protein 2-Mediated Efflux of Taxol and Saquinavir. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 2002-2009.	1.4	19
26	Upregulation of HTLVâ€“1 and HTLVâ€“2 expression by HIVâ€“1 in vitro. <i>Journal of Medical Virology</i> , 2008, 80, 494-500.	5.0	7
27	Molecular and phylogenetic analysis of a novel family of fibrinogen-related proteins from mosquito <i>Aedes albopictus</i> cell line. <i>Computational Biology and Chemistry</i> , 2008, 32, 382-386.	2.3	9
28	MRP (ABCC) Transporters-Mediated Efflux of Anti-HIV Drugs, Saquinavir and Zidovudine, from Human Endothelial Cells. <i>Experimental Biology and Medicine</i> , 2008, 233, 1149-1160.	2.4	68
29	Partial genomic organization of ribosomal protein S7 gene from malaria vector <i>Anopheles stephensi</i> . <i>Insect Science</i> , 2007, 14, 101-106.	3.0	1
30	Biodiversity of organotin resistant <i>Pseudomonas</i> from west coast of India. <i>Ecotoxicology</i> , 2007, 16, 253-261.	2.4	14
31	Antimicrobial activity of marine bacteria associated with sponges from the waters off the coast of South East India. <i>Microbiological Research</i> , 2006, 161, 252-262.	5.3	131
32	Microbial transformation of tributyltin chloride by <i>Pseudomonas aeruginosa</i> strain USS25 NCIM-5224. <i>Applied Organometallic Chemistry</i> , 2006, 20, 5-11.	3.5	14