

Thangavel Samikkannu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

797
citations

471509

17
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

1144
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of human immunodeficiency virus on blood-brain barrier integrity and function: an update. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 212.	3.7	98
2	Interactive role of human immunodeficiency virus type 1 (HIV-1) clade-specific Tat protein and cocaine in blood-brain barrier dysfunction: Implications for HIV-1-associated neurocognitive disorder. <i>Journal of NeuroVirology</i> , 2010, 16, 294-305.	2.1	80
3	Effects of Drugs of Abuse on the Blood-Brain Barrier: A Brief Overview. <i>Frontiers in Neuroscience</i> , 2020, 14, 513.	2.8	73
4	Natural Products as Anti-HIV Agents and Role in HIV-Associated Neurocognitive Disorders (HAND): A Brief Overview. <i>Frontiers in Microbiology</i> , 2015, 6, 1444.	3.5	69
5	Differential Regulation of Indoleamine-2,3-Dioxygenase (IDO) by HIV Type 1 Clade B and C Tat Protein. <i>AIDS Research and Human Retroviruses</i> , 2009, 25, 329-335.	1.1	39
6	Effect of Cocaine on HIV Infection and Inflammasome Gene Expression Profile in HIV Infected Macrophages. <i>Scientific Reports</i> , 2016, 6, 27864.	3.3	37
7	HIV-1 gp120 and morphine induced oxidative stress: role in cell cycle regulation. <i>Frontiers in Microbiology</i> , 2015, 6, 614.	3.5	32
8	Î²-Amyloid1-42, HIV-1Ba-L (Clade B) Infection and Drugs of Abuse Induced Degeneration in Human Neuronal Cells and Protective Effects of Ashwagandha (<i>Withania somnifera</i>) and Its Constituent Withanolide A. <i>PLoS ONE</i> , 2014, 9, e112818.	2.5	31
9	Human immunodeficiency virus type 1 clade B and C gp120 differentially induce neurotoxin arachidonic acid in human astrocytes: implications for neuroAIDS. <i>Journal of NeuroVirology</i> , 2011, 17, 230-238.	2.1	30
10	HIV infection and drugs of abuse: role of acute phase proteins. <i>Journal of Neuroinflammation</i> , 2013, 10, 113.	7.2	29
11	Human immunodeficiency virus type 1 clade B and C Tat differentially induce indoleamine 2,3-dioxygenase and serotonin in immature dendritic cells: Implications for neuroAIDS. <i>Journal of NeuroVirology</i> , 2010, 16, 255-263.	2.1	28
12	HIV and Cocaine Impact Glial Metabolism: Energy Sensor AMP-activated protein kinase Role in Mitochondrial Biogenesis and Epigenetic Remodeling. <i>Scientific Reports</i> , 2016, 6, 31784.	3.3	26
13	HIV-Tat and Cocaine Impact Brain Energy Metabolism: Redox Modification and Mitochondrial Biogenesis Influence NRF Transcription-Mediated Neurodegeneration. <i>Molecular Neurobiology</i> , 2021, 58, 490-504.	4.0	24
14	HIV-1 Subtypes B and C Tat Differentially Impact Synaptic Plasticity Expression and Implicates HIV-Associated Neurocognitive Disorders. <i>Current HIV Research</i> , 2015, 12, 397-405.	0.5	23
15	Development of TIMP1 magnetic nanoformulation for regulation of synaptic plasticity in HIV-1 infection. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4287-4298.	6.7	20
16	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
17	HIV-1 Tat and cocaine impact mitochondrial epigenetics: effects on DNA methylation. <i>Epigenetics</i> , 2021, 16, 980-999.	2.7	19
18	Psychostimulants and opioids differentially influence the epigenetic modification of histone acetyltransferase and histone deacetylase in astrocytes. <i>PLoS ONE</i> , 2021, 16, e0252895.	2.5	18

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19	HIV Subtypes B and C gp120 and Methamphetamine Interaction: Dopaminergic System Implicates Differential Neuronal Toxicity. Scientific Reports, 2015, 5, 11130.	3.3	15
20	Synaptic Plasticity and Neurological Disorders in Neurotropic Viral Infections. Neural Plasticity, 2015, 2015, 1-14.	2.2	15
21	Alcohol and Cannabinoids Differentially Affect HIV Infection and Function of Human Monocyte-Derived Dendritic Cells (MDDC). Frontiers in Microbiology, 2015, 6, 1452.	3.5	13
22	Neuroprotective Effect of Piracetam against Cocaine-Induced Neuro Epigenetic Modification of DNA Methylation in Astrocytes. Brain Sciences, 2020, 10, 611.	2.3	13
23	Immunopathogenesis of HIV Infection in Cocaine Users: Role of Arachidonic Acid. PLoS ONE, 2014, 9, e106348.	2.5	12
24	Profile of Class I Histone Deacetylases (HDAC) by Human Dendritic Cells after Alcohol Consumption and In Vitro Alcohol Treatment and Their Implication in Oxidative Stress: Role of HDAC Inhibitors Trichostatin A and Mocetinostat. PLoS ONE, 2016, 11, e0156421.	2.5	11
25	Influence of psychostimulants and opioids on epigenetic modification of class III histone deacetylase (HDAC)-sirtuins in glial cells. Scientific Reports, 2021, 11, 21335.	3.3	9
26	HIV-1 Tat and cocaine impact astrocytic energy reservoir influence on miRNA epigenetic regulation. Genomics, 2021, 113, 3461-3475.	2.9	5
27	HIV-1 Tat and cocaine impact astrocytic energy reservoirs and epigenetic regulation by influencing the LINC01133-hsa-miR-4726-5p-NDUFA9 axis. Molecular Therapy - Nucleic Acids, 2022, 29, 243-258.	5.1	4
28	Psychostimulants influence oxidative stress and redox signatures: the role of DNA methylation. Redox Report, 2022, 27, 53-59.	4.5	2
29	HIV-1 Tat and cocaine coexposure impacts piRNAs to affect astrocyte energy metabolism. Epigenomics, 2022, 14, 261-278.	2.1	2
30	Proteomics Profiling with SWATH-MS Quantitative Analysis of Changes in the Human Brain with HIV Infection Reveals a Differential Impact on the Frontal and Temporal Lobes. Brain Sciences, 2021, 11, 1438.	2.3	1