Ilker Kudret Sariyer

List of Publications by Year
in descending order

44 papers	979 citations	471509 17 h-index	454955 30 g-index
44 all docs	44 docs citations	44 times ranked	1288 citing authors

#	Article	IF	Citations
1	HIV-1 Nef is released in extracellular vesicles derived from astrocytes: evidence for Nef-mediated neurotoxicity. Cell Death and Disease, 2018, 8, e2542-e2542.	6.3	99
2	Integrin Î±9Î²1 is a receptor for nerve growth factor and other neurotrophins. Journal of Cell Science, 2008, 121, 504-513.	2.0	66
3	Autophagy, EVs, and Infections: A Perfect Question for a Perfect Time. Frontiers in Cellular and Infection Microbiology, 2018, 8, 362.	3.9	53
4	Small tumor antigen of polyomaviruses: Role in viral life cycle and cell transformation. Journal of Cellular Physiology, 2008, 215, 309-319.	4.1	51
5	Dysregulation of autophagy by HIV-1 Nef in human astrocytes. Cell Cycle, 2015, 14, 2899-2904.	2.6	50
6	Dephosphorylation of JC virus agnoprotein by protein phosphatase 2A: Inhibition by small t antigen. Virology, 2008, 375, 464-479.	2.4	48
7	WW Domain of BAG3 Is Required for the Induction of Autophagy in Glioma Cells. Journal of Cellular Physiology, 2015, 230, 831-841.	4.1	45
8	Phosphorylation Mutants of JC Virus Agnoprotein Are Unable To Sustain the Viral Infection Cycle. Journal of Virology, 2006, 80, 3893-3903.	3.4	44
9	IFN-Gamma Inhibits JC Virus Replication in Glial Cells by Suppressing T-Antigen Expression. PLoS ONE, 2015, 10, e0129694.	2.5	40
10	Infection by agnoprotein-negative mutants of polyomavirus JC and SV40 results in the release of virions that are mostly deficient in DNA content. Virology Journal, 2011, 8, 255.	3.4	38
11	HIV-1 Tat protein induces glial cell autophagy through enhancement of BAG3 protein levels. Cell Cycle, 2014, 13, 3640-3644.	2.6	37
12	Bag3-Induced Autophagy Is Associated with Degradation of JCV Oncoprotein, T-Ag. PLoS ONE, 2012, 7, e45000.	2.5	34
13	Early growth response-1 protein is induced by JC virus infection and binds and regulates the JC virus promoter. Virology, 2008, 375, 331-341.	2.4	33
14	Essential roles of Leu/Ile/Phe-rich domain of JC virus agnoprotein in dimer/oligomer formation, protein stability and splicing of viral transcripts. Virology, 2013, 443, 161-176.	2.4	25
15	JC Virus T-Antigen Regulates Glucose Metabolic Pathways in Brain Tumor Cells. PLoS ONE, 2012, 7, e35054.	2.5	23
16	Regulation of Human Neurotropic JC Virus Replication by Alternative Splicing Factor SF2/ASF in Glial Cells. PLoS ONE, 2011, 6, e14630.	2.5	22
17	Targeting CCR5 as a Component of an HIV-1 Therapeutic Strategy. Frontiers in Immunology, 2021, 12, 816515.	4.8	21
18	Suppression of Zika Virus Infection in the Brain by the Antiretroviral Drug Rilpivirine. Molecular Therapy, 2019, 27, 2067-2079.	8.2	20

#	Article	IF	Citations
19	Extinction of Tumor Antigen Expression by SF2/ASF in JCV-Transformed Cells. Genes and Cancer, 2011, 2, 728-736.	1.9	17
20	Transfection of Neuronal Cultures. Methods in Molecular Biology, 2013, 1078, 133-139.	0.9	16
21	The agnoprotein of polyomavirus JC is released by infected cells: Evidence for Its cellular uptake by uninfected neighboring cells. Virology, 2014, 468-470, 88-95.	2.4	16
22	Alcohol exposure alters pre-mRNA splicing of antiapoptotic Mcl-1L isoform and induces apoptosis in neural progenitors and immature neurons. Cell Death and Disease, 2019, 10, 447.	6.3	16
23	Diagnostic assays for polyomavirus JC and progressive multifocal leukoencephalopathy. Reviews in Medical Virology, 2016, 26, 102-114.	8.3	15
24	Characterization of Nef expression in different brain regions of SIV-infected macaques. PLoS ONE, 2020, 15, e0241667.	2.5	15
25	Molecular interplay between T-Antigen and splicing factor, arginine/serine-rich 1 (SRSF1) controls JC virus gene expression in glial cells. Virology Journal, 2015, 12, 196.	3.4	13
26	SF2/ASF binding region within JC virus NCCR limits early gene transcription in glial cells. Virology Journal, 2013, 10, 147.	3.4	12
27	Alcohol-Mediated Missplicing of Mcl-1 Pre-mRNA is Involved in Neurotoxicity. Alcoholism: Clinical and Experimental Research, 2017, 41, 1715-1724.	2.4	12
28	Binge-Like Exposure to Ethanol Enhances Morphine's Anti-nociception in B6 Mice. Frontiers in Psychiatry, 2018, 9, 756.	2.6	11
29	Pur-Alpha Induces JCV Gene Expression and Viral Replication by Suppressing SRSF1 in Glial Cells. PLoS ONE, 2016, 11, e0156819.	2.5	10
30	Host-Immune Interactions in JC Virus Reactivation and Development of Progressive Multifocal Leukoencephalopathy (PML). Journal of NeuroImmune Pharmacology, 2019, 14, 649-660.	4.1	10
31	Emerging Role of Nef in the Development of HIV Associated Neurological Disorders. Journal of NeuroImmune Pharmacology, 2021, 16, 238-250.	4.1	9
32	Neurofibromatosis Type 2 Tumor Suppressor Protein, NF2, Induces Proteasome-Mediated Degradation of JC Virus T-Antigen in Human Glioblastoma. PLoS ONE, 2013, 8, e53447.	2.5	8
33	Immune suppression of JC virus gene expression is mediated by SRSF1. Journal of NeuroVirology, 2016, 22, 597-606.	2.1	7
34	Zika virus infection in chemosensory cells. Journal of NeuroVirology, 2020, 26, 371-381.	2.1	7
35	Generation and characterization of JCV permissive hybrid cell lines. Journal of Virological Methods, 2009, 159, 122-126.	2.1	6
36	Neuroimmune Regulation of JC Virus by Intracellular and Extracellular Agnoprotein. Journal of NeuroImmune Pharmacology, 2018, 13, 126-142.	4.1	6

#	Article	IF	Citations
37	Antidotal effects of methylene blue against cyanide neurological toxicity: in vivo and in vitro studies. Annals of the New York Academy of Sciences, 2020, 1479, 108-121.	3.8	6
38	Molecular and Cellular Impact of Inflammatory Extracellular Vesicles (EVs) Derived from M1 and M2 Macrophages on Neural Action Potentials. Brain Sciences, 2020, 10, 424.	2.3	6
39	Neural Crest Cells Isolated from the Bone Marrow of Transgenic Mice Express JCV T-Antigen. PLoS ONE, 2013, 8, e65947.	2.5	3
40	Morphine-induced MOR-1X and ASF/SF2 Expressions Are Independent of Transcriptional Regulation: Implications for MOR-1X Signaling. Journal of Cellular Physiology, 2016, 231, 1542-1553.	4.1	3
41	Viral tumor antigen expression is no longer required in radiation-resistant subpopulation of JCV induced mouse medulloblastoma cells. Genes and Cancer, 2018, 9, 130-141.	1.9	3
42	Modulation of OPRM1 Alternative Splicing by Morphine and HIVâ€“1 Nef. Journal of NeuroImmune Pharmacology, 2022, 17, 277-288.	4.1	2
43	The COVID-19 Pandemic: Reflections of Science, Person, and Challenge in Academic Research Settings. Journal of NeuroImmune Pharmacology, 2021, 16, 706-717.	4.1	1
44	Transfection of Neuronal Cultures. Methods in Molecular Biology, 2021, 2311, 147-153.	0.9	0