

# Venkata Subba Rao Atluri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6257605/publications.pdf>

Version: 2024-02-01

55  
papers

2,584  
citations

270111

25  
h-index

223390

49  
g-index

55  
all docs

55  
docs citations

55  
times ranked

3881  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances, status, and opportunities of magneto-electric nanocarriers for biomedical applications. <i>Molecular Aspects of Medicine</i> , 2022, 83, 101046.	2.7	11
2	Development of Multifunctional Biopolymeric Auto-Fluorescent Micro- and Nanogels as a Platform for Biomedical Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 315.	2.0	26
3	&lt;p&gt;Alzheimerâ€™s disease: pathogenesis, diagnostics, and therapeutics&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5541-5554.	3.3	646
4	Magnetically guided non-invasive CRISPR-Cas9/gRNA delivery across blood-brain barrier to eradicate latent HIV-1 infection. <i>Scientific Reports</i> , 2019, 9, 3928.	1.6	86
5	Inhibition of Amyloid-Beta Production, Associated Neuroinflammation, and Histone Deacetylase 2-Mediated Epigenetic Modifications Prevent Neuropathology in Alzheimerâ€™s Disease in vitro Model. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 342.	1.7	31
6	Characterization of Nanodiamond-based anti-HIV drug Delivery to the Brain. <i>Scientific Reports</i> , 2018, 8, 1603.	1.6	72
7	Oxidative Stress in HIV Infection and Alcohol Use: Role of Redox Signals in Modulation of Lipid Rafts and ATP-Binding Cassette Transporters. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 324-337.	2.5	19
8	Withaferin A Suppresses Beta Amyloid in APP Expressing Cells: Studies for Tat and Cocaine Associated Neurological Dysfunctions. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 291.	1.7	19
9	Multifunctional Nanotherapeutics for the Treatment of neuroAIDS in Drug Abusers. <i>Scientific Reports</i> , 2018, 8, 12991.	1.6	26
10	Investigation of ac-magnetic field stimulated nanoelectroporation of magneto-electric nano-drug-carrier inside CNS cells. <i>Scientific Reports</i> , 2017, 7, 45663.	1.6	51
11	Novel nanoformulation to mitigate co-effects of drugs of abuse and HIV-1 infection: towards the treatment of NeuroAIDS. <i>Journal of NeuroVirology</i> , 2017, 23, 603-614.	1.0	20
12	Common gene-network signature of different neurological disorders and their potential implications to neuroAIDS. <i>PLoS ONE</i> , 2017, 12, e0181642.	1.1	11
13	Personalized Therapeutics: First Take Home Messages. , 2017, , 11-23.		0
14	Editorial: HIV and Illicit Drugs of Abuse. <i>Frontiers in Microbiology</i> , 2016, 7, 221.	1.5	10
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.	3.3	20
16	Effect of Cocaine on HIV Infection and Inflammasome Gene Expression Profile in HIV Infected Macrophages. <i>Scientific Reports</i> , 2016, 6, 27864.	1.6	37
17	Coupling of transient near infrared photonic with magnetic nanoparticle for potential dissipation-free biomedical application in brain. <i>Scientific Reports</i> , 2016, 6, 29792.	1.6	15
18	Current status of non-viral gene therapy for CNS disorders. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 1433-1445.	2.4	73

#	ARTICLE	IF	CITATIONS
19	Magnetic nanotherapeutics for dysregulated synaptic plasticity during neuroAIDS and drug abuse. <i>Molecular Brain</i> , 2016, 9, 57.	1.3	18
20	Electrochemical monitoring-on-chip (E-MoC) of HIV-infection in presence of cocaine and therapeutics. <i>Biosensors and Bioelectronics</i> , 2016, 86, 426-431.	5.3	27
21	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.	1.6	26
22	Magnetically guided central nervous system delivery and toxicity evaluation of magneto-electric nanocarriers. <i>Scientific Reports</i> , 2016, 6, 25309.	1.6	92
23	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. <i>PLoS ONE</i> , 2016, 11, e0156421.	1.1	11
24	HIV Subtypes B and C gp120 and Methamphetamine Interaction: Dopaminergic System Implicates Differential Neuronal Toxicity. <i>Scientific Reports</i> , 2015, 5, 11130.	1.6	15
25	Therapeutical Neurotargeting via Magnetic Nanocarrier: Implications to Opiate-Induced Neuropathogenesis and NeuroAIDS. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1722-1733.	0.5	30
26	Investigation of Neuropathogenesis in HIV-1 Clade B and C Infection Associated with IL-33 and ST2 Regulation. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1600-1612.	1.7	26
27	Sterile alpha motif and histidine/aspartic acid domain-containing protein 1 (SAMHD1)-facilitated HIV restriction in astrocytes is regulated by miRNA-181a. <i>Journal of Neuroinflammation</i> , 2015, 12, 66.	3.1	30
28	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.	3.3	25
29	HIV-1 gp120 and morphine induced oxidative stress: role in cell cycle regulation. <i>Frontiers in Microbiology</i> , 2015, 6, 614.	1.5	32
30	DJ1 expression downregulates in neuroblastoma cells (SK-N-MC) chronically exposed to HIV-1 and cocaine. <i>Frontiers in Microbiology</i> , 2015, 6, 749.	1.5	6
31	Downregulation of host tryptophanâ€“aspartate containing coat (TACO) gene restricts the entry and survival of <i>Leishmania donovani</i> in human macrophage model. <i>Frontiers in Microbiology</i> , 2015, 6, 946.	1.5	8
32	Alcohol and Cannabinoids Differentially Affect HIV Infection and Function of Human Monocyte-Derived Dendritic Cells (MDDC). <i>Frontiers in Microbiology</i> , 2015, 6, 1452.	1.5	13
33	Effect of human immunodeficiency virus on blood-brain barrier integrity and function: an update. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 212.	1.8	98
34	Sustained-release nanoART formulation for the&nbsp;treatment of neuroAIDS. <i>International Journal of Nanomedicine</i> , 2015, 10, 1077.	3.3	94
35	Synaptic Plasticity and Neurological Disorders in Neurotropic Viral Infections. <i>Neural Plasticity</i> , 2015, 2015, 1-14.	1.0	15
36	Cell cycle checkpoints and pathogenesis of HIV-1 infection: a brief overview. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2015, 26, 1-11.	0.7	8

#	ARTICLE	IF	CITATIONS
37	Drugs of Abuse in HIV infection and neurotoxicity. <i>Frontiers in Microbiology</i> , 2015, 6, 217.	1.5	16
38	Electrochemical sensing method for point-of-care cortisol detection in human immunodeficiency virus-infected patients. <i>International Journal of Nanomedicine</i> , 2015, 10, 677.	3.3	49
39	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.	1.5	69
40	HIV-1 Subtypes B and C Tat Differentially Impact Synaptic Plasticity Expression and Implicates HIV-Associated Neurocognitive Disorders&#167;. <i>Current HIV Research</i> , 2015, 12, 397-405.	0.2	23
41	Pediatric Neurocysticercosis: Usefulness of Antibody Response in Cysticidal Treatment Follow-Up. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	6
42	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.	1.3	19
43	Enhanced bloodâ€“brain barrier transmigration using a novel transferrin embedded fluorescent magneto-liposome nanoformulation. <i>Nanotechnology</i> , 2014, 25, 055101.	1.3	102
44	Vorinostat positively regulates synaptic plasticity genes expression and spine density in HIV infected neurons: role of nicotine in progression of HIV-associated neurocognitive disorder. <i>Molecular Brain</i> , 2014, 7, 37.	1.3	35
45	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.	1.1	31
46	Magneto-electric Nanoparticles to Enable Field-controlled High-Specificity Drug Delivery to Eradicate Ovarian Cancer Cells. <i>Scientific Reports</i> , 2013, 3, 2953.	1.6	123
47	Human Synaptic Plasticity Gene Expression Profile and Dendritic Spine Density Changes in HIV-Infected Human CNS Cells: Role in HIV-Associated Neurocognitive Disorders (HAND). <i>PLoS ONE</i> , 2013, 8, e61399.	1.1	57
48	Targeted Brain Derived Neurotropic Factors (BDNF) Delivery across the Blood-Brain Barrier for Neuro-Protection Using Magnetic Nano Carriers: An In-Vitro Study. <i>PLoS ONE</i> , 2013, 8, e62241.	1.1	109
49	Ashwagandha ( <i>Withania somnifera</i> ) Reverses Î²-Amyloid1-42 Induced Toxicity in Human Neuronal Cells: Implications in HIV-Associated Neurocognitive Disorders (HAND). <i>PLoS ONE</i> , 2013, 8, e77624.	1.1	101
50	Inhibition of Nuclear Factor Erythroid 2-Related Factor 2 Exacerbates HIV-1 gp120-Induced Oxidative and Inflammatory Response: Role in HIV Associated Neurocognitive Disorder. <i>Neurochemical Research</i> , 2012, 37, 1697-1706.	1.6	25
51	2D-PAGE analysis of <i>Taenia solium</i> metacestode 10â€“30kDa antigens for the serodiagnosis of neurocysticercosis in children. <i>Acta Tropica</i> , 2011, 118, 165-169.	0.9	7
52	The role of alanine 163 in solute permeability of <i>Leishmania major</i> aquaglyceroporin LmAQP1. <i>Molecular and Biochemical Parasitology</i> , 2011, 175, 83-90.	0.5	26
53	Two-dimensional gel electrophoresis analysis of <i>T. solium</i> cysticerci lower molecular mass (10â€“30kDa) antigens for the serodiagnosis of neurocysticercosis in children. <i>International Journal of Infectious Diseases</i> , 2010, 14, e289-e290.	1.5	0
54	Evaluation of excretory secretory and 10â€“30kDa antigens of <i>Taenia solium</i> Cysticerci by EITB assay for the diagnosis of neurocysticercosis. <i>Parasite Immunology</i> , 2009, 31, 151-155.	0.7	18

#	ARTICLE	IF	CITATIONS
55	Neurocysticercosis immunodiagnosis using <i>Taenia solium</i> cysticerci crude soluble extract, excretory secretory and lower molecular mass antigens in serum and urine samples of Indian children. <i>Acta Tropica</i> , 2009, 110, 22-27.	0.9	21