

# Tejabhiram Yadavalli

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,326  
citations

377584

21  
h-index

406436

35  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety, efficacy and delivery of multiple nucleoside analogs via drug encapsulated carbon (DECON) based sustained drug release platform. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 173, 150-159.	2.0	1
2	Intrinsic Antiviral Activity of Optineurin Prevents Hyperproliferation of a Primary Herpes Simplex Virus Type 2 Infection. <i>Journal of Immunology</i> , 2022, 208, 63-73.	0.4	5
3	Plasma Membrane-Derived Liposomes Exhibit Robust Antiviral Activity against HSV-1. <i>Viruses</i> , 2022, 14, 799.	1.5	4
4	CREB3 Plays an Important Role in HPSE-Facilitated HSV-1 Release in Human Corneal Epithelial Cells. <i>Viruses</i> , 2022, 14, 1171.	1.5	3
5	The 3-O-sulfation of heparan sulfate modulates protein binding and lyase degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	44
6	Pathobiology and treatment of viral keratitis. <i>Experimental Eye Research</i> , 2021, 205, 108483.	1.2	23
7	Disruption of innate defense responses by endoglycosidase HPSE promotes cell survival. <i>JCI Insight</i> , 2021, 6, .	2.3	14
8	Entry receptor bias in evolutionarily distant HSV-1 clinical strains drives divergent ocular and nervous system pathologies. <i>Ocular Surface</i> , 2021, 21, 238-249.	2.2	7
9	OPTN is a host intrinsic restriction factor against neuroinvasive HSV-1 infection. <i>Nature Communications</i> , 2021, 12, 5401.	5.8	33
10	Porcine Corneal Tissue Explant to Study the Efficacy of Herpes Simplex Virus-1 Antivirals. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	2
11	Prophylactic treatment with BX795 blocks activation of AKT and its downstream targets to protect vaginal keratinocytes and vaginal epithelium from HSV-2 infection. <i>Antiviral Research</i> , 2021, 194, 105145.	1.9	7
12	mTORC2 confers neuroprotection and potentiates immunity during virus infection. <i>Nature Communications</i> , 2021, 12, 6020.	5.8	3
13	Aptamers in Virologyâ€”A Consolidated Review of the Most Recent Advancements in Diagnosis and Therapy. <i>Pharmaceutics</i> , 2021, 13, 1646.	2.0	7
14	Infection-Induced Porcine Ex Vivo Corneal Wound Model to Study the Efficacy of Herpes Simplex Virus-1 Entry and Replication Inhibitors. <i>Methods in Molecular Biology</i> , 2021, 2193, 183-196.	0.4	1
15	BX795-Organic Acid Coevaporates: Evaluation of Solid-State Characteristics, In Vitro Cytocompatibility and In Vitro Activity against HSV-1 and HSV-2. <i>Pharmaceutics</i> , 2021, 13, 1920.	2.0	5
16	Prior inhibition of AKT phosphorylation by BX795 can define a safer strategy to prevent herpes simplex virus-1 infection of the eye. <i>Ocular Surface</i> , 2020, 18, 221-230.	2.2	18
17	Pharmaceutically Acceptable Carboxylic Acid-Terminated Polymers Show Activity and Selectivity against HSV-1 and HSV-2 and Synergy with Antiviral Drugs. <i>ACS Infectious Diseases</i> , 2020, 6, 2926-2937.	1.8	11
18	Standalone or combinatorial phenylbutyrate therapy shows excellent antiviral activity and mimics CREB3 silencing. <i>Science Advances</i> , 2020, 6, .	4.7	12

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19	Vaccines and Therapies in Development for SARS-CoV-2 Infections. Journal of Clinical Medicine, 2020, 9, 1885.	1.0	46
20	Heparanase-Regulated Syndecan-1 Shedding Facilitates Herpes Simplex Virus 1 Egress. Journal of Virology, 2020, 94, .	1.5	31
21	<i>In Vitro</i> and <i>In Vivo</i> Activity, Tolerability, and Mechanism of Action of BX795 as an Antiviral against Herpes Simplex Virus 2 Genital Infection. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	12
22	Cytomegalovirus Retinitis in HIV and Non-HIV Individuals. Microorganisms, 2020, 8, 55.	1.6	56
23	Bacterial Pigment Prodigiosin Demonstrates a Unique Antiherpesvirus Activity That Is Mediated through Inhibition of Prosurvival Signal Transducers. Journal of Virology, 2020, 94, .	1.5	20
24	Herpes Simplex Virus Cell Entry Mechanisms: An Update. Frontiers in Cellular and Infection Microbiology, 2020, 10, 617578.	1.8	67
25	BX795 demonstrates potent antiviral benefits against herpes simplex Virus-1 infection of human cell lines. Antiviral Research, 2020, 180, 104814.	1.9	10
26	Drug-encapsulated carbon (DECON): A novel platform for enhanced drug delivery. Science Advances, 2019, 5, eaax0780.	4.7	46
27	Current and Emerging Therapies for Ocular Herpes Simplex Virus Type-1 Infections. Microorganisms, 2019, 7, 429.	1.6	59
28	An Intra-Vaginal Zinc Oxide Tetrapod Nanoparticles (ZOTEN) and Genital Herpesvirus Cocktail Can Provide a Novel Platform for Live Virus Vaccine. Frontiers in Immunology, 2019, 10, 500.	2.2	41
29	Anti-Helicobacter pylori, cytotoxicity and catalytic activity of biosynthesized gold nanoparticles: Multifaceted application. Arabian Journal of Chemistry, 2019, 12, 33-40.	2.3	72
30	An off-target effect of BX795 blocks herpes simplex virus type 1 infection of the eye. Science Translational Medicine, 2018, 10, .	5.8	61
31	Herpesvirus-encoded microRNAs detected in human gingiva alter host cell transcriptome and regulate viral infection. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2018, 1861, 497-508.	0.9	20
32	Comparison of anticancer activity of biocompatible ZnO nanoparticles prepared by solution combustion synthesis using aqueous leaf extracts of <i>Abutilon indicum</i>, Melia azedarach and Indigofera tinctoria</i> as biofuels. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 968-979.	1.9	48
33	Host Enzymes Heparanase and Cathepsin L Promote Herpes Simplex Virus 2 Release from Cells. Journal of Virology, 2018, 92, .	1.5	40
34	Cultured corneas show dendritic spread and restrict herpes simplex virus infection that is not observed with cultured corneal cells. Scientific Reports, 2017, 7, 42559.	1.6	12
35	Antitubercular activity of ZnO nanoparticles prepared by solution combustion synthesis using lemon juice as bio-fuel. Materials Science and Engineering C, 2017, 75, 1026-1033.	3.8	35
36	Synthesis and magnetic properties of gadolinium substituted zinc ferrites. Materials Letters, 2017, 188, 406-408.	1.3	31

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37	Targeting Herpes Simplex Virus-1 gD by a DNA Aptamer Can Be an Effective New Strategy to Curb Viral Infection. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 9, 365-378.	2.3	40
38	Role of metal and metal oxide nanoparticles as diagnostic and therapeutic tools for highly prevalent viral infections. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 219-230.	1.7	138
39	Emerging Roles of Heparanase in Viral Pathogenesis. <i>Pathogens</i> , 2017, 6, 43.	1.2	42
40	Proton Relaxivity and Magnetic Hyperthermia Evaluation of Gadolinium Doped Nickel Ferrite Nanoparticles as Potential Theranostic Agents. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 878-883.	0.9	2
41	Zinc oxide tetrapods inhibit herpes simplex virus infection of cultured corneas. <i>Molecular Vision</i> , 2017, 23, 26-38.	1.1	14
42	Magnetic hyperthermia heating of cobalt ferrite nanoparticles prepared by low temperature ferrous sulfate based method. <i>AIP Advances</i> , 2016, 6, .	0.6	28
43	Could zinc oxide tetrapod nanoparticles be used as an effective immunotherapy against HSV-2?. <i>Nanomedicine</i> , 2016, 11, 2239-2242.	1.7	6
44	ZnO nanopellets have selective anticancer activity. <i>Materials Science and Engineering C</i> , 2016, 62, 919-926.	3.8	48
45	Dual responsive PNIPAM-chitosan targeted magnetic nanopolymers for targeted drug delivery. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 380, 315-320.	1.0	81
46	Ferrous sulfate based low temperature synthesis and magnetic properties of nickel ferrite nanostructures. <i>Materials Research Bulletin</i> , 2014, 60, 778-782.	2.7	13
47	Corn flake-like morphology of iron nanoparticles and its antibacterial property. <i>Journal of General and Applied Microbiology</i> , 2011, 57, 59-62.	0.4	7