

Stanley J Watowich

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,162
citations

430874

18
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1927
citing authors

#	ARTICLE	IF	CITATIONS
1	TH17 cells promote microbial killing and innate immune sensing of DNA via interleukin 26. <i>Nature Immunology</i> , 2015, 16, 970-979.	14.5	182
2	Structure-based discovery of dengue virus protease inhibitors. <i>Antiviral Research</i> , 2009, 82, 110-114.	4.1	162
3	Three-Dimensional Organization of Rift Valley Fever Virus Revealed by Cryoelectron Tomography. <i>Journal of Virology</i> , 2008, 82, 10341-10348.	3.4	110
4	Single-particle cryo-electron microscopy of Rift Valley fever virus. <i>Virology</i> , 2009, 387, 11-15.	2.4	106
5	Anthracene-based inhibitors of dengue virus NS2B-NS3 protease. <i>Antiviral Research</i> , 2011, 89, 127-135.	4.1	69
6	Selective and membrane-permeable small molecule inhibitors of nicotinamide N-methyltransferase reverse high fat diet-induced obesity in mice. <i>Biochemical Pharmacology</i> , 2018, 147, 141-152.	4.4	56
7	Structure-Activity Relationship for Small Molecule Inhibitors of Nicotinamide N-Methyltransferase. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 5015-5028.	6.4	53
8	Identification of a Novel Inhibitor of Dengue Virus Protease through Use of a Virtual Screening Drug Discovery Web Portal. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 2816-2825.	5.4	52
9	Small molecule nicotinamide N-methyltransferase inhibitor activates senescent muscle stem cells and improves regenerative capacity of aged skeletal muscle. <i>Biochemical Pharmacology</i> , 2019, 163, 481-492.	4.4	50
10	Use of parallel validation high-throughput screens to reduce false positives and identify novel dengue NS2B-NS3 protease inhibitors. <i>Antiviral Research</i> , 2012, 93, 245-252.	4.1	41
11	Drug search for leishmaniasis: a virtual screening approach by grid computing. <i>Journal of Computer-Aided Molecular Design</i> , 2016, 30, 541-552.	2.9	39
12	Venezuelan Equine Encephalomyelitis Virus Structure and Its Divergence from Old World Alphaviruses. <i>Journal of Virology</i> , 2001, 75, 9532-9537.	3.4	33
13	An Assembly Model of Rift Valley Fever Virus. <i>Frontiers in Microbiology</i> , 2012, 3, 254.	3.5	32
14	Structure of Isolated Nucleocapsids from Venezuelan Equine Encephalitis Virus and Implications for Assembly and Disassembly of Enveloped Virus. <i>Journal of Virology</i> , 2003, 77, 659-664.	3.4	29
15	Late-life exercise mitigates skeletal muscle epigenetic aging. <i>Aging Cell</i> , 2022, 21, e13527.	6.7	29
16	Host oxidative folding pathways offer novel anti-chikungunya virus drug targets with broad spectrum potential. <i>Antiviral Research</i> , 2017, 143, 246-251.	4.1	26
17	Noncoupled Fluorescent Assay for Direct Real-Time Monitoring of Nicotinamide N-Methyltransferase Activity. <i>Biochemistry</i> , 2017, 56, 824-832.	2.5	24
18	Substrate Inhibition Kinetic Model for West Nile Virus NS2B-NS3 Protease. <i>Biochemistry</i> , 2008, 47, 11763-11770.	2.5	22

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19	Structure of a Venezuelan equine encephalitis virus assembly intermediate isolated from infected cells. <i>Virology</i> , 2010, 406, 261-269.	2.4	20
20	Combined nicotinamide N-methyltransferase inhibition and reduced-calorie diet normalizes body composition and enhances metabolic benefits in obese mice. <i>Scientific Reports</i> , 2021, 11, 5637.	3.3	12
21	One-Year Postfracture Mortality Rate in Older Adults With Hip Fractures Relative to Other Lower Extremity Fractures: Retrospective Cohort Study. <i>JMIR Aging</i> , 2022, 5, e32683.	3.0	7
22	A Unique BSL-3 Cryo-Electron Microscopy Laboratory at UTMB. <i>Applied Biosafety</i> , 2010, 15, 130-136.	0.5	4
23	Development & validation of LC-MS/MS assay for 5-amino-1-methyl quinolinium in rat plasma: Application to pharmacokinetic and oral bioavailability studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 204, 114255.	2.8	4
24	Tackling Type 2 Diabetes At Its Root By Directly Shrinking Adipose Tissue. , 2018, , .		0