

Nicholas T Hertz

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,883
citations

471509

17
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

4051
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining the proteolytic landscape during enterovirus infection. PLoS Pathogens, 2020, 16, e1008927.	4.7	36
2	Defining the proteolytic landscape during enterovirus infection. , 2020, 16, e1008927.		0
3	Defining the proteolytic landscape during enterovirus infection. , 2020, 16, e1008927.		0
4	Defining the proteolytic landscape during enterovirus infection. , 2020, 16, e1008927.		0
5	Defining the proteolytic landscape during enterovirus infection. , 2020, 16, e1008927.		0
6	Neuronally Enriched RUFY3 Is Required for Caspase-Mediated Axon Degeneration. Neuron, 2019, 103, 412-422.e4.	8.1	12
7	Structural plasticity of actin-spectrin membrane skeleton and functional role of actin and spectrin in axon degeneration. ELife, 2019, 8, .	6.0	47
8	CRISPR-Cas9 screens in human cells and primary neurons identify modifiers of C9ORF72 dipeptide-repeat-protein toxicity. Nature Genetics, 2018, 50, 603-612.	21.4	178
9	N6-Furfuryladenine is protective in Huntington's disease models by signaling huntingtin phosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7081-E7090.	7.1	40
10	Long-term oral kinetin does not protect against α -synuclein-induced neurodegeneration in rodent models of Parkinson's disease. Neurochemistry International, 2017, 109, 106-116.	3.8	39
11	Innate immunity kinase TAK1 phosphorylates Rab1 on a hotspot for posttranslational modifications by host and pathogen. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4776-83.	7.1	47
12	Axon Degeneration Gated by Retrograde Activation of Somatic Pro-apoptotic Signaling. Cell, 2016, 164, 1031-1045.	28.9	109
13	WNK1-regulated inhibitory phosphorylation of the KCC2 cotransporter maintains the depolarizing action of GABA in immature neurons. Science Signaling, 2015, 8, ra65.	3.6	133
14	Identification of AMPK Phosphorylation Sites Reveals a Network of Proteins Involved in Cell Invasion and Facilitates Large-Scale Substrate Prediction. Cell Metabolism, 2015, 22, 907-921.	16.2	149
15	A Ras-like domain in the light intermediate chain bridges the dynein motor to a cargo-binding region. ELife, 2014, 3, e03351.	6.0	84
16	MST3 Kinase Phosphorylates TAO1/2 to Enable Myosin Va Function in Promoting Spine Synapse Development. Neuron, 2014, 84, 968-982.	8.1	75
17	Drugging MYCN through an Allosteric Transition in Aurora Kinase A. Cancer Cell, 2014, 26, 414-427.	16.8	231
18	A Neo-Substrate that Amplifies Catalytic Activity of Parkinson's-Disease-Related Kinase PINK1. Cell, 2013, 154, 737-747.	28.9	229

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19	Development of a Chemical Genetic Approach for Human Aurora B Kinase Identifies Novel Substrates of the Chromosomal Passenger Complex. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 47-59.	3.8	44
20	Chemical Genetic Identification of NDR1/2 Kinase Substrates AAK1 and Rabin8 Uncovers Their Roles in Dendrite Arborization and Spine Development. <i>Neuron</i> , 2012, 73, 1127-1142.	8.1	117
21	A Raf-induced allosteric transition of KSR stimulates phosphorylation of MEK. <i>Nature</i> , 2011, 472, 366-369.	27.8	223
22	Chemical Genetic Approach for Kinase Substrate Mapping by Covalent Capture of Thiophosphopeptides and Analysis by Mass Spectrometry. <i>Current Protocols in Chemical Biology</i> , 2010, 2, 15-36.	1.7	72
23	Secreted 3-Isopropylmalate Methyl Ester Signals Invasive Growth during Amino Acid Starvation in <i>Saccharomyces cerevisiae</i> . <i>Biochemistry</i> , 2008, 47, 698-709.	2.5	13
24	Beyond the Gatekeeper: Imatinib- and Dasatinib-Resistant BCR-ABL/F317 Mutations Confer Cross-Resistance to VX-680 but Are Sensitive to a Structural Derivative of VX-680. <i>Blood</i> , 2008, 112, 725-725.	1.4	0