

Hector Sandoval

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

3,451
citations

331670

21
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

7786
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential role for Nix in autophagic maturation of erythroid cells. <i>Nature</i> , 2008, 454, 232-235.	27.8	1,008
2	Glial Lipid Droplets and ROS Induced by Mitochondrial Defects Promote Neurodegeneration. <i>Cell</i> , 2015, 160, 177-190.	28.9	617
3	A <i>Drosophila</i> Genetic Resource of Mutants to Study Mechanisms Underlying Human Genetic Diseases. <i>Cell</i> , 2014, 159, 200-214.	28.9	322
4	Dendritic Cell Apoptosis in the Maintenance of Immune Tolerance. <i>Science</i> , 2006, 311, 1160-1164.	12.6	293
5	A Mitocentric View of Parkinson's Disease. <i>Annual Review of Neuroscience</i> , 2014, 37, 137-159.	10.7	115
6	Mitochondrial fusion but not fission regulates larval growth and synaptic development through steroid hormone production. <i>ELife</i> , 2014, 3, .	6.0	109
7	Probing Mechanisms That Underlie Human Neurodegenerative Diseases in <i>Drosophila</i> . <i>Annual Review of Genetics</i> , 2012, 46, 371-396.	7.6	96
8	Loss of Nardilysin, a Mitochondrial Co-chaperone for Î±-Ketoglutarate Dehydrogenase, Promotes mTORC1 Activation and Neurodegeneration. <i>Neuron</i> , 2017, 93, 115-131.	8.1	95
9	Crag Is a GEF for Rab11 Required for Rhodopsin Trafficking and Maintenance of Adult Photoreceptor Cells. <i>PLoS Biology</i> , 2012, 10, e1001438.	5.6	93
10	A Mutation in EGF Repeat-8 of Notch Discriminates Between Serrate/Jagged and Delta Family Ligands. <i>Science</i> , 2012, 338, 1229-1232.	12.6	92
11	A Voltage-Gated Calcium Channel Regulates Lysosomal Fusion with Endosomes and Autophagosomes and Is Required for Neuronal Homeostasis. <i>PLoS Biology</i> , 2015, 13, e1002103.	5.6	85
12	The Retromer Complex Is Required for Rhodopsin Recycling and Its Loss Leads to Photoreceptor Degeneration. <i>PLoS Biology</i> , 2014, 12, e1001847.	5.6	75
13	Large-scale identification of chemically induced mutations in <i>Drosophila melanogaster</i> . <i>Genome Research</i> , 2014, 24, 1707-1718.	5.5	67
14	The C8ORF38 homologue Sicily is a cytosolic chaperone for a mitochondrial complex I subunit. <i>Journal of Cell Biology</i> , 2013, 200, 807-820.	5.2	56
15	Regulation of B cell fate, survival, and function by mitochondria and autophagy. <i>Mitochondrion</i> , 2018, 41, 58-65.	3.4	52
16	Impaired Mitochondrial Energy Production Causes Light-Induced Photoreceptor Degeneration Independent of Oxidative Stress. <i>PLoS Biology</i> , 2015, 13, e1002197.	5.6	48
17	WAC Regulates mTOR Activity by Acting as an Adaptor for the TTT and Pontin/Reptin Complexes. <i>Developmental Cell</i> , 2016, 36, 139-151.	7.0	47
18	Selective mitochondrial autophagy during erythroid maturation. <i>Autophagy</i> , 2008, 4, 926-928.	9.1	46

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19	Drosophila Tempura, a Novel Protein Prenyltransferase $\hat{\pm}$ Subunit, Regulates Notch Signaling Via Rab1 and Rab11. PLoS Biology, 2014, 12, e1001777.	5.6	45
20	Amino acid residues in Rag1 crucial for DNA hairpin formation. Nature Structural and Molecular Biology, 2006, 13, 1010-1015.	8.2	32
21	Dynamin Regulates Autophagy by Modulating Lysosomal Function. Journal of Genetics and Genomics, 2016, 43, 77-86.	3.9	26
22	The phenotype of peritoneal mouse macrophages depends on the mitochondria and ATP/ADP homeostasis. Cellular Immunology, 2018, 324, 1-7.	3.0	23
23	Autoimmunity Caused by Cell Type-Specific Deficiency in Apoptosis.. Blood, 2005, 106, 3913-3913.	1.4	0
24	Two Waves of Mitochondrion Disruption in Apoptosis: Implications for the Design of Anti-Cancer Drugs.. Blood, 2006, 108, 3896-3896.	1.4	0