

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
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27
all docs

27
docs citations

27
times ranked

7786
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of B cell fate, survival, and function by mitochondria and autophagy. <i>Mitochondrion</i> , 2018, 41, 58-65.	3.4	52
2	The phenotype of peritoneal mouse macrophages depends on the mitochondria and ATP/ADP homeostasis. <i>Cellular Immunology</i> , 2018, 324, 1-7.	3.0	23
3	Loss of Nardilysin, a Mitochondrial Co-chaperone for $\hat{\iota}$ -Ketoglutarate Dehydrogenase, Promotes mTORC1 Activation and Neurodegeneration. <i>Neuron</i> , 2017, 93, 115-131.	8.1	95
4	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
5	Dynamins Regulate Autophagy by Modulating Lysosomal Function. <i>Journal of Genetics and Genomics</i> , 2016, 43, 77-86.	3.9	26
6	Glial Lipid Droplets and ROS Induced by Mitochondrial Defects Promote Neurodegeneration. <i>Cell</i> , 2015, 160, 177-190.	28.9	617
7	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
8	Impaired Mitochondrial Energy Production Causes Light-Induced Photoreceptor Degeneration Independent of Oxidative Stress. <i>PLoS Biology</i> , 2015, 13, e1002197.	5.6	48
9	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
10	<i>Drosophila</i> Tempura, a Novel Protein Prenyltransferase $\hat{\iota}$ Subunit, Regulates Notch Signaling Via Rab1 and Rab11. <i>PLoS Biology</i> , 2014, 12, e1001777.	5.6	45
11	A Mitocentric View of Parkinson's Disease. <i>Annual Review of Neuroscience</i> , 2014, 37, 137-159.	10.7	115
12	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
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	Mitochondrial fusion but not fission regulates larval growth and synaptic development through steroid hormone production. <i>ELife</i> , 2014, 3, .	6.0	109
15	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
16	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
17	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
18	Probing Mechanisms That Underlie Human Neurodegenerative Diseases in <i>Drosophila</i> . <i>Annual Review of Genetics</i> , 2012, 46, 371-396.	7.6	96

#	ARTICLE	IF	CITATIONS
19	Essential role for Nix in autophagic maturation of erythroid cells. Nature, 2008, 454, 232-235.	27.8	1,008
20	Selective mitochondrial autophagy during erythroid maturation. Autophagy, 2008, 4, 926-928.	9.1	46
21	Amino acid residues in Rag1 crucial for DNA hairpin formation. Nature Structural and Molecular Biology, 2006, 13, 1010-1015.	8.2	32
22	Dendritic Cell Apoptosis in the Maintenance of Immune Tolerance. Science, 2006, 311, 1160-1164.	12.6	293
23	Two Waves of Mitochondrion Disruption in Apoptosis: Implications for the Design of Anti-Cancer Drugs.. Blood, 2006, 108, 3896-3896.	1.4	0
24	Autoimmunity Caused by Cell Type-Specific Deficiency in Apoptosis.. Blood, 2005, 106, 3913-3913.	1.4	0