

David K Breslow

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

4,011
citations

687363

13
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

5966
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell proteomic analysis of <i>S. cerevisiae</i> reveals the architecture of biological noise. <i>Nature</i> , 2006, 441, 840-846.	27.8	1,434
2	Orm family proteins mediate sphingolipid homeostasis. <i>Nature</i> , 2010, 463, 1048-1053.	27.8	544
3	A comprehensive strategy enabling high-resolution functional analysis of the yeast genome. <i>Nature Methods</i> , 2008, 5, 711-718.	19.0	473
4	Protein kinase Ypk1 phosphorylates regulatory proteins Orm1 and Orm2 to control sphingolipid homeostasis in <i>Saccharomyces cerevisiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19222-19227.	7.1	260
5	Membranes in Balance: Mechanisms of Sphingolipid Homeostasis. <i>Molecular Cell</i> , 2010, 40, 267-279.	9.7	206
6	The Intraflagellar Transport Protein IFT27 Promotes BBSome Exit from Cilia through the GTPase ARL6/BBS3. <i>Developmental Cell</i> , 2014, 31, 265-278.	7.0	186
7	A Novel Protein LZTFL1 Regulates Ciliary Trafficking of the BBSome and Smoothed. <i>PLoS Genetics</i> , 2011, 7, e1002358.	3.5	182
8	Mechanism and Regulation of Centriole and Cilium Biogenesis. <i>Annual Review of Biochemistry</i> , 2019, 88, 691-724.	11.1	174
9	An in vitro assay for entry into cilia reveals unique properties of the soluble diffusion barrier. <i>Journal of Cell Biology</i> , 2013, 203, 129-147.	5.2	160
10	A CRISPR-based screen for Hedgehog signaling provides insights into ciliary function and ciliopathies. <i>Nature Genetics</i> , 2018, 50, 460-471.	21.4	140
11	Single molecule imaging reveals a major role for diffusion in the exploration of ciliary space by signaling receptors. <i>ELife</i> , 2013, 2, e00654.	6.0	128
12	Sphingolipid Homeostasis in the Endoplasmic Reticulum and Beyond. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a013326-a013326.	5.5	65
13	Rab34 GTPase mediates ciliary membrane formation in the intracellular ciliogenesis pathway. <i>Current Biology</i> , 2021, 31, 2895-2905.e7.	3.9	25
14	Primary Cilia: How to Keep the Riff-Raff in the Plasma Membrane. <i>Current Biology</i> , 2011, 21, R434-R436.	3.9	13
15	Analysis of soluble protein entry into primary cilia using semipermeabilized cells. <i>Methods in Cell Biology</i> , 2015, 127, 203-221.	1.1	13
16	Pericentrin Knocks Down Cilia in Trisomy 21. <i>Developmental Cell</i> , 2018, 46, 527-528.	7.0	0