

Robert J Huber

List of Publications by Year in descending order

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44
papers

785
citations

567281

15
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580821

25
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45
all docs

45
docs citations

45
times ranked

623
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy in the Neuronal Ceroid Lipofuscinoses (Batten Disease). <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 812728.	3.7	13
2	The Cellular and Developmental Roles of Cullins, Neddylation, and the COP9 Signalosome in <i>Dictyostelium discoideum</i> . <i>Frontiers in Physiology</i> , 2022, 13, 827435.	2.8	4
3	Calmodulin binding proteins and neuroinflammation in multiple neurodegenerative diseases. <i>BMC Neuroscience</i> , 2022, 23, 10.	1.9	14
4	Editorial: <i>Dictyostelium</i> : A Tractable Cell and Developmental Model in Biomedical Research. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 909619.	3.7	2
5	Cancer and the breakdown of multicellularity: What <i>Dictyostelium discoideum</i> , a social amoeba, can teach us. <i>BioEssays</i> , 2021, 43, e2000156.	2.5	9
6	A Proteomics Analysis of Calmodulin-Binding Proteins in <i>Dictyostelium discoideum</i> during the Transition from Unicellular Growth to Multicellular Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1722.	4.1	0
7	Inhibiting Neddylation with MLN4924 Suppresses Growth and Delays Multicellular Development in <i>Dictyostelium discoideum</i> . <i>Biomolecules</i> , 2021, 11, 482.	4.0	3
8	Aberrant Autophagy Impacts Growth and Multicellular Development in a <i>Dictyostelium</i> Knockout Model of CLN5 Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 657406.	3.7	14
9	Altered protein secretion in Batten disease. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	2.4	16
10	Calmodulin-mediated events during the life cycle of the amoebozoan <i>Dictyostelium discoideum</i> . <i>Biological Reviews</i> , 2020, 95, 472-490.	10.4	9
11	The contribution of multicellular model organisms to neuronal ceroid lipofuscinosis research. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165614.	3.8	22
12	Molecular networking in the neuronal ceroid lipofuscinoses: insights from mammalian models and the social amoeba <i>Dictyostelium discoideum</i> . <i>Journal of Biomedical Science</i> , 2020, 27, 64.	7.0	16
13	Cytokinins in <i>Dictyostelia</i> – A Unique Model for Studying the Functions of Signaling Agents From Species to Kingdoms. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 511.	3.7	4
14	Mfsd8 localizes to endocytic compartments and influences the secretion of Cln5 and cathepsin D in <i>Dictyostelium</i> . <i>Cellular Signalling</i> , 2020, 70, 109572.	3.6	12
15	Recent Insights into NCL Protein Function Using the Model Organism <i>Dictyostelium discoideum</i> . <i>Cells</i> , 2019, 8, 115.	4.1	23
16	Comparative transcriptomics reveals mechanisms underlying <i>cln3</i> -deficiency phenotypes in <i>Dictyostelium</i> . <i>Cellular Signalling</i> , 2019, 58, 79-90.	3.6	18
17	Cytokinin Detection during the <i>Dictyostelium discoideum</i> Life Cycle: Profiles Are Dynamic and Affect Cell Growth and Spore Germination. <i>Biomolecules</i> , 2019, 9, 702.	4.0	16
18	Functional Analysis of Proteins Involved in Neurodegeneration Using the Model Organism <i>Dictyostelium</i> . , 2018, , 491-518.		1

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19	Cln5 is secreted and functions as a glycoside hydrolase in Dictyostelium. Cellular Signalling, 2018, 42, 236-248.	3.6	45
20	Neuronal Ceroid Lipofuscinoses: Connecting Calcium Signalling through Calmodulin. Cells, 2018, 7, 188.	4.1	11
21	Secretion and function of Cln5 during the early stages of Dictyostelium development. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1437-1450.	4.1	23
22	Cln3 function is linked to osmoregulation in a Dictyostelium model of Batten disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3559-3573.	3.8	27
23	Loss of Cln3 impacts protein secretion in the social amoeba Dictyostelium. Cellular Signalling, 2017, 35, 61-72.	3.6	29
24	<i>Dictyostelium discoideum</i> : A Model System for Cell and Developmental Biology. Current Protocols in Essential Laboratory Techniques, 2017, 15, 14.1.1.	2.6	17
25	Extracellular matrix dynamics and functions in the social amoeba Dictyostelium: A critical review. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 2971-2980.	2.4	22
26	Aberrant adhesion impacts early development in a <i>Dictyostelium</i> model for juvenile neuronal ceroid lipofuscinosis. Cell Adhesion and Migration, 2017, 11, 399-418.	2.7	27
27	Using the social amoeba Dictyostelium to study the functions of proteins linked to neuronal ceroid lipofuscinosis. Journal of Biomedical Science, 2016, 23, 83.	7.0	33
28	Proteomic profiling of the extracellular matrix (slime sheath) of <i>Dictyostelium discoideum</i> . Proteomics, 2015, 15, 3315-3319.	2.2	14
29	Loss of Cln3 Function in the Social Amoeba Dictyostelium discoideum Causes Pleiotropic Effects That Are Rescued by Human CLN3. PLoS ONE, 2014, 9, e110544.	2.5	44
30	Reconstitution of the mitochondrial calcium uniporter in yeast. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8985-8990.	7.1	136
31	The cyclin-dependent kinase family in the social amoebozoan Dictyostelium discoideum. Cellular and Molecular Life Sciences, 2014, 71, 629-639.	5.4	12
32	Cyclin-dependent kinase 5 is a calmodulin-binding protein that associates with puromycin-sensitive aminopeptidase in the nucleus of Dictyostelium. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 11-20.	4.1	15
33	Matricellular Signal Transduction Involving Calmodulin in the Social Amoebozoan Dictyostelium. Genes, 2013, 4, 33-45.	2.4	0
34	EGF-like peptide of Dictyostelium discoideum is not a chemoattractant but it does restore folate-mediated chemotaxis in the presence of signal transduction inhibitors. Peptides, 2012, 34, 145-149.	2.4	11
35	CyrA, a matricellular protein that modulates cell motility in Dictyostelium discoideum. Matrix Biology, 2012, 31, 271-280.	3.6	8
36	Extracellular calmodulin regulates growth and cAMP-mediated chemotaxis in Dictyostelium discoideum. Biochemical and Biophysical Research Communications, 2012, 425, 750-754.	2.1	11

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37	A matricellular protein and EGF-like repeat signalling in the social amoebozoan Dictyostelium discoideum. Cellular and Molecular Life Sciences, 2012, 69, 3989-3997.	5.4	8
38	EGF-like peptide-enhanced cell movement in Dictyostelium is mediated by protein kinases and the activity of several cytoskeletal proteins. Cellular Signalling, 2012, 24, 1770-1780.	3.6	10
39	The cyclin-dependent kinase inhibitor roscovitine inhibits kinase activity, cell proliferation, multicellular development, and Cdk5 nuclear translocation in Dictyostelium discoideum. Journal of Cellular Biochemistry, 2012, 113, 868-876.	2.6	15
40	EGF-like peptide-enhanced cell motility in Dictyostelium functions independently of the cAMP-mediated pathway and requires active Ca ²⁺ /calmodulin signaling. Cellular Signalling, 2011, 23, 731-738.	3.6	16
41	An extracellular matrix, calmodulin-binding protein from Dictyostelium with EGF-like repeats that enhance cell motility. Cellular Signalling, 2011, 23, 1197-1206.	3.6	18
42	Nucleocytoplasmic transfer of cyclin dependent kinase 5 and its binding to puromycin-sensitive aminopeptidase in Dictyostelium discoideum. Histochemistry and Cell Biology, 2011, 136, 177-189.	1.7	19
43	An EGF-like peptide sequence from Dictyostelium enhances cell motility and chemotaxis. Biochemical and Biophysical Research Communications, 2009, 379, 470-475.	2.1	15
44	Mfsd8 Modulates Growth and the Early Stages of Multicellular Development in Dictyostelium discoideum. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	3