

Christopher Barry

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4987532/publications.pdf>

Version: 2024-02-01

15
papers

650
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

907
citing authors

#	ARTICLE	IF	CITATIONS
1	Oscope identifies oscillatory genes in unsynchronized single-cell RNA-seq experiments. <i>Nature Methods</i> , 2015, 12, 947-950.	19.0	171
2	Comparative RNA-seq Analysis in the Unsequenced Axolotl: The Oncogene Burst Highlights Early Gene Expression in the Blastema. <i>PLoS Computational Biology</i> , 2013, 9, e1002936.	3.2	125
3	A Virus-Encoded Cell-Cell Fusion Machine Dependent on Surrogate Adhesins. <i>PLoS Pathogens</i> , 2008, 4, e1000016.	4.7	43
4	Species-specific developmental timing is maintained by pluripotent stem cells ex utero. <i>Developmental Biology</i> , 2017, 423, 101-110.	2.0	43
5	Aquareovirus Effects Syncytiogenesis by Using a Novel Member of the FAST Protein Family Translated from a Noncanonical Translation Start Site. <i>Journal of Virology</i> , 2009, 83, 5951-5955.	3.4	41
6	Features of a Spatially Constrained Cystine Loop in the p10 FAST Protein Ectodomain Define a New Class of Viral Fusion Peptides. <i>Journal of Biological Chemistry</i> , 2010, 285, 16424-16433.	3.4	36
7	Uniform neural tissue models produced on synthetic hydrogels using standard culture techniques. <i>Experimental Biology and Medicine</i> , 2017, 242, 1679-1689.	2.4	31
8	Golgi complex-plasma membrane trafficking directed by an autonomous, tribasic Golgi export signal. <i>Molecular Biology of the Cell</i> , 2014, 25, 866-878.	2.1	30
9	Enhanced Fusion Pore Expansion Mediated by the Trans-Acting Endodomain of the Reovirus FAST Proteins. <i>PLoS Pathogens</i> , 2009, 5, e1000331.	4.7	28
10	Multifaceted Sequence-Dependent and -Independent Roles for Reovirus FAST Protein Cytoplasmic Tails in Fusion Pore Formation and Syncytiogenesis. <i>Journal of Virology</i> , 2009, 83, 12185-12195.	3.4	27
11	Different activities of the reovirus FAST proteins and influenza hemagglutinin in cell-cell fusion assays and in response to membrane curvature agents. <i>Virology</i> , 2010, 397, 119-129.	2.4	19
12	Leaky Scanning and Scanning-independent Ribosome Migration on the Tricistronic S1 mRNA of Avian Reovirus. <i>Journal of Biological Chemistry</i> , 2007, 282, 25613-25622.	3.4	18
13	Polybasic Trafficking Signal Mediates Golgi Export, ER Retention or ER Export and Retrieval Based on Membrane-Proximity. <i>PLoS ONE</i> , 2014, 9, e94194.	2.5	18
14	Interspecies chimeric conditions affect the developmental rate of human pluripotent stem cells. <i>PLoS Computational Biology</i> , 2021, 17, e1008778.	3.2	11
15	Automated minute scale RNA-seq of pluripotent stem cell differentiation reveals early divergence of human and mouse gene expression kinetics. <i>PLoS Computational Biology</i> , 2019, 15, e1007543.	3.2	9