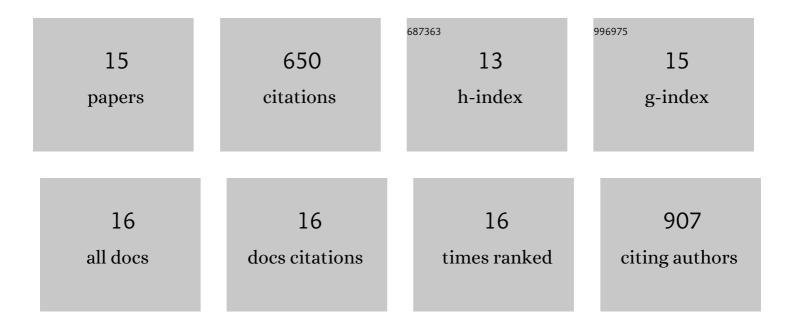
Christopher Barry

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Oscope identifies oscillatory genes in unsynchronized single-cell RNA-seq experiments. Nature Methods, 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. PLoS Computational Biology, 2013, 9, e1002936.	3.2	125
3	A Virus-Encoded Cell–Cell Fusion Machine Dependent on Surrogate Adhesins. PLoS Pathogens, 2008, 4, e1000016.	4.7	43
4	Species-specific developmental timing is maintained by pluripotent stem cells ex utero. Developmental Biology, 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. Journal of Virology, 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. Journal of Biological Chemistry, 2010, 285, 16424-16433.	3.4	36
7	Uniform neural tissue models produced on synthetic hydrogels using standard culture techniques. Experimental Biology and Medicine, 2017, 242, 1679-1689.	2.4	31
8	Golgi complex–plasma membrane trafficking directed by an autonomous, tribasic Golgi export signal. Molecular Biology of the Cell, 2014, 25, 866-878.	2.1	30
9	Enhanced Fusion Pore Expansion Mediated by the Trans-Acting Endodomain of the Reovirus FAST Proteins. PLoS Pathogens, 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. Journal of Virology, 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. Virology, 2010, 397, 119-129.	2.4	19
12	Leaky Scanning and Scanning-independent Ribosome Migration on the Tricistronic S1 mRNA of Avian Reovirus. Journal of Biological Chemistry, 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. PLoS ONE, 2014, 9, e94194.	2.5	18
14	Interspecies chimeric conditions affect the developmental rate of human pluripotent stem cells. PLoS Computational Biology, 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. PLoS Computational Biology, 2019, 15, e1007543.	3.2	9