

Christopher K E Bleck

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

3,446
citations

257450

24
h-index

206112

48
g-index

59
all docs

59
docs citations

59
times ranked

5899
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of the evolutionarily conserved muscle myofibrillar matrix by cell type dependent and independent mechanisms. <i>Nature Communications</i> , 2022, 13, 2661.	12.8	6
2	Sequential compound fusion and kiss-and-run mediate exo- and endocytosis in excitable cells. <i>Science Advances</i> , 2022, 8, .	10.3	5
3	OMA1 mediates local and global stress responses against protein misfolding in CHCHD10 mitochondrial myopathy. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	24
4	Copper-Binding Domain Variation in a Novel Murine Lysyl Oxidase Model Produces Structurally Inferior Aortic Elastic Fibers Whose Failure Is Modified by Age, Sex, and Blood Pressure. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6749.	4.1	4
5	X-ray microtomosynthesis of unstained pathology tissue samples. <i>Journal of Microscopy</i> , 2021, 283, 9-20.	1.8	5
6	Nanotomography of lesional skin using electron microscopy reveals cytosolic release of nuclear DNA in psoriasis. <i>JAAD Case Reports</i> , 2021, 9, 9-14.	0.8	3
7	Kinesin-1 activity recorded in living cells with a precipitating dye. <i>Nature Communications</i> , 2021, 12, 1463.	12.8	14
8	Circulating mitochondrial DNA is a proinflammatory DAMP in sickle cell disease. <i>Blood</i> , 2021, 137, 3116-3126.	1.4	51
9	Preformed \hat{C} -profile closure and kiss-and-run mediate endocytosis and diverse endocytic modes in neuroendocrine chromaffin cells. <i>Neuron</i> , 2021, 109, 3119-3134.e5.	8.1	24
10	Endothelial cell nanotube insertions into cardiac and skeletal myocytes during coordinated tissue development. <i>Cardiovascular Research</i> , 2020, 116, 260-261.	3.8	10
11	LRRK2 mediates tubulation and vesicle sorting from lysosomes. <i>Science Advances</i> , 2020, 6, .	10.3	140
12	The unified myofibrillar matrix for force generation in muscle. <i>Nature Communications</i> , 2020, 11, 3722.	12.8	45
13	Hyperlipidaemia and IFN γ /TNF α Synergism are associated with cholesterol crystal formation in Endothelial cells partly through modulation of Lysosomal pH and Cholesterol homeostasis. <i>EBioMedicine</i> , 2020, 59, 102876.	6.1	14
14	Contacting domains segregate a lipid transporter from a solute transporter in the malarial host-parasite interface. <i>Nature Communications</i> , 2020, 11, 3825.	12.8	20
15	$\hat{2}$ -Coronaviruses Use Lysosomes for Egress Instead of the Biosynthetic Secretory Pathway. <i>Cell</i> , 2020, 183, 1520-1535.e14.	28.9	441
16	Comparison of 3D Protocols in Metastatic Breast Cancer Tumors. <i>Microscopy and Microanalysis</i> , 2020, 26, 1338-1338.	0.4	1
17	Humanin selectively prevents the activation of pro-apoptotic protein BID by sequestering it into fibers. <i>Journal of Biological Chemistry</i> , 2020, 295, 18226-18238.	3.4	16
18	G protein-coupled receptor Gpr115 (Adgrf4) is required for enamel mineralization mediated by ameloblasts. <i>Journal of Biological Chemistry</i> , 2020, 295, 15328-15341.	3.4	12

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19	Lactate dehydrogenase inhibition synergizes with IL-21 to promote CD8 ⁺ T cell stemness and antitumor immunity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6047-6055.	7.1	128
20	Immunity to commensal skin fungi promotes psoriasiform skin inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16465-16474.	7.1	62
21	Dynamics in protein translation sustaining T cell preparedness. Nature Immunology, 2020, 21, 927-937.	14.5	120
22	Cdc42 controls secretory granules morphology in rodent salivary glands in vivo. Communicative and Integrative Biology, 2020, 13, 22-26.	1.4	3
23	Mitochondrial DNA segregation and replication restrict the transmission of detrimental mutation. Journal of Cell Biology, 2020, 219, .	5.2	29
24	Immune cell phenotyping in low blood volumes for assessment of cardiovascular disease risk, development, and progression: a pilot study. Journal of Translational Medicine, 2020, 18, 29.	4.4	14
25	Perfringolysin O-Induced Plasma Membrane Pores Trigger Actomyosin Remodeling and Endoplasmic Reticulum Redistribution. Toxins, 2019, 11, 419.	3.4	6
26	p53 prevents doxorubicin cardiotoxicity independently of its prototypical tumor suppressor activities. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19626-19634.	7.1	55
27	Fis1 deficiencies differentially affect mitochondrial quality in skeletal muscle. Mitochondrion, 2019, 49, 217-226.	3.4	23
28	Humanin induces conformational changes in the apoptosis regulator BAX and sequesters it into fibers, preventing mitochondrial outer-membrane permeabilization. Journal of Biological Chemistry, 2019, 294, 19055-19065.	3.4	27
29	The transcription factor AmeloD stimulates epithelial cell motility essential for tooth morphology. Journal of Biological Chemistry, 2019, 294, 3406-3418.	3.4	24
30	Proteotype profiling unmasks a viral signalling network essential for poxvirus assembly and transcriptional competence. Nature Microbiology, 2018, 3, 588-599.	13.3	10
31	Subcellular connectomic analyses of energy networks in striated muscle. Nature Communications, 2018, 9, 5111.	12.8	104
32	Lysozyme association with circulating RNA, extracellular vesicles, and chronic stress. BBA Clinical, 2017, 7, 23-35.	4.1	22
33	VirusMapper: open-source nanoscale mapping of viral architecture through super-resolution microscopy. Scientific Reports, 2016, 6, 29132.	3.3	43
34	Experimental selection of long-term intracellular mycobacteria. Cellular Microbiology, 2014, 16, 1425-1440.	2.1	5
35	Vaccinia Virus Entry Is Followed by Core Activation and Proteasome-Mediated Release of the Immunomodulatory Effector VH1 from Lateral Bodies. Cell Reports, 2013, 4, 464-476.	6.4	79
36	Oligomers of the ATPase EHD2 confine caveolae to the plasma membrane through association with actin. EMBO Journal, 2012, 31, 2350-2364.	7.8	140

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37	Acyl Coenzyme A Thioesterase Them5/Acot15 Is Involved in Cardiolipin Remodeling and Fatty Liver Development. <i>Molecular and Cellular Biology</i> , 2012, 32, 2685-2697.	2.3	47
38	Size-dependent mechanism of cargo sorting during lysosome-phagosome fusion is controlled by Rab34. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20485-20490.	7.1	59
39	Poxvirus host cell entry. <i>Current Opinion in Virology</i> , 2012, 2, 20-27.	5.4	87
40	RNAi Screening Reveals Proteasome- and Cullin3-Dependent Stages in Vaccinia Virus Infection. <i>Cell Reports</i> , 2012, 2, 1036-1047.	6.4	139
41	Vaccinia extracellular virions enter cells by macropinocytosis and acid-activated membrane rupture. <i>EMBO Journal</i> , 2011, 30, 3647-3661.	7.8	97
42	Exosomal Hsp70 Induces a Pro-Inflammatory Response to Foreign Particles Including Mycobacteria. <i>PLoS ONE</i> , 2010, 5, e10136.	2.5	104
43	<i>Candida albicans</i> actively modulates intracellular membrane trafficking in mouse macrophage phagosomes. <i>Cellular Microbiology</i> , 2009, 11, 560-589.	2.1	75
44	Porins facilitate nitric oxide-mediated killing of mycobacteria. <i>Microbes and Infection</i> , 2009, 11, 868-875.	1.9	21
45	Composition and Three-Dimensional Architecture of the Dengue Virus Replication and Assembly Sites. <i>Cell Host and Microbe</i> , 2009, 5, 365-375.	11.0	884
46	Characterization of a novel type of adherens junction in meningiomas and the derived cell line HBL-52. <i>Cell and Tissue Research</i> , 2008, 331, 401-412.	2.9	26
47	Characterization of Mycobacterium bovis Phagosome. <i>Microscopy and Microanalysis</i> , 2008, 14, 124-125.	0.4	0
48	On the killing of mycobacteria by macrophages. <i>Cellular Microbiology</i> , 2007, 10, 071106215315001-???.	2.1	114
49	Molecular characterization of desmosomes in meningiomas and arachnoidal tissue. <i>Acta Neuropathologica</i> , 2003, 106, 337-347.	7.7	37