

# 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  | Composition and Three-Dimensional Architecture of the Dengue Virus Replication and Assembly Sites. Cell Host and Microbe, 2009, 5, 365-375.   | 11.0 | 884       |
| 2  | β <sup>2</sup> -Coronaviruses Use Lysosomes for Egress Instead of the Biosynthetic Secretory Pathway. Cell, 2020, 183, 1520-1535.e14.   | 28.9 | 441       |
| 3  | Oligomers of the ATPase EHD2 confine caveolae to the plasma membrane through association with actin. EMBO Journal, 2012, 31, 2350-2364.   | 7.8  | 140       |
| 4  | LRRK2 mediates tubulation and vesicle sorting from lysosomes. Science Advances, 2020, 6, .  | 10.3 | 140       |
| 5  | RNAi Screening Reveals Proteasome- and Cullin3-Dependent Stages in Vaccinia Virus Infection. Cell Reports, 2012, 2, 1036-1047.  | 6.4  | 139       |
| 6  | Lactate dehydrogenase inhibition synergizes with IL-21 to promote CD8 <sup>+</sup> 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       |
| 7  | Dynamics in protein translation sustaining T cell preparedness. Nature Immunology, 2020, 21, 927-937.   | 14.5 | 120       |
| 8  | On the killing of mycobacteria by macrophages. Cellular Microbiology, 2007, 10, 071106215315001-???.  | 2.1  | 114       |
| 9  | Subcellular connectomic analyses of energy networks in striated muscle. Nature Communications, 2018, 9, 5111.   | 12.8 | 104       |
| 10 | Exosomal Hsp70 Induces a Pro-Inflammatory Response to Foreign Particles Including Mycobacteria. PLoS ONE, 2010, 5, e10136.  | 2.5  | 104       |
| 11 | Vaccinia extracellular virions enter cells by macropinocytosis and acid-activated membrane rupture. EMBO Journal, 2011, 30, 3647-3661.  | 7.8  | 97        |
| 12 | Poxvirus host cell entry. Current Opinion in Virology, 2012, 2, 20-27.  | 5.4  | 87        |
| 13 | 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        |
| 14 | <i>Candida albicans</i> actively modulates intracellular membrane trafficking in mouse macrophage phagosomes. Cellular Microbiology, 2009, 11, 560-589.   | 2.1  | 75        |
| 15 | 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        |
| 16 | Size-dependent mechanism of cargo sorting during lysosome-phagosome fusion is controlled by Rab34. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20485-20490.                       | 7.1  | 59        |
| 17 | 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        |
| 18 | Circulating mitochondrial DNA is a proinflammatory DAMP in sickle cell disease. Blood, 2021, 137, 3116-3126.  | 1.4  | 51        |

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|----|--|------|-----------|
| 19 | 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        |
| 20 | The unified myofibrillar matrix for force generation in muscle. <i>Nature Communications</i> , 2020, 11, 3722.   | 12.8 | 45        |
| 21 | VirusMapper: open-source nanoscale mapping of viral architecture through super-resolution microscopy. <i>Scientific Reports</i> , 2016, 6, 29132.  | 3.3  | 43        |
| 22 | Molecular characterization of desmosomes in meningiomas and arachnoidal tissue. <i>Acta Neuropathologica</i> , 2003, 106, 337-347.   | 7.7  | 37        |
| 23 | Mitochondrial DNA segregation and replication restrict the transmission of detrimental mutation. <i>Journal of Cell Biology</i> , 2020, 219, .   | 5.2  | 29        |
| 24 | Humanin induces conformational changes in the apoptosis regulator BAX and sequesters it into fibers, preventing mitochondrial outer-membrane permeabilization. <i>Journal of Biological Chemistry</i> , 2019, 294, 19055-19065.                | 3.4  | 27        |
| 25 | 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        |
| 26 | The transcription factor AmeloD stimulates epithelial cell motility essential for tooth morphology. <i>Journal of Biological Chemistry</i> , 2019, 294, 3406-3418.   | 3.4  | 24        |
| 27 | 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        |
| 28 | 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        |
| 29 | Fis1 deficiencies differentially affect mitochondrial quality in skeletal muscle. <i>Mitochondrion</i> , 2019, 49, 217-226.  | 3.4  | 23        |
| 30 | Lysozyme association with circulating RNA, extracellular vesicles, and chronic stress. <i>BBA Clinical</i> , 2017, 7, 23-35.   | 4.1  | 22        |
| 31 | Porins facilitate nitric oxide-mediated killing of mycobacteria. <i>Microbes and Infection</i> , 2009, 11, 868-875.  | 1.9  | 21        |
| 32 | Contacting domains segregate a lipid transporter from a solute transporter in the malarial hostâ€“parasite interface. <i>Nature Communications</i> , 2020, 11, 3825.   | 12.8 | 20        |
| 33 | 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        |
| 34 | Hyperlipidaemia and IFN $\gamma$ /TNF $\alpha$ 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        |
| 35 | Kinesin-1 activity recorded in living cells with a precipitating dye. <i>Nature Communications</i> , 2021, 12, 1463.   | 12.8 | 14        |
| 36 | Immune cell phenotyping in low blood volumes for assessment of cardiovascular disease risk, development, and progression: a pilot study. <i>Journal of Translational Medicine</i> , 2020, 18, 29.  | 4.4  | 14        |

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|----|--|------|-----------|
| 37 | 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        |
| 38 | Proteotype profiling unmask a viral signalling network essential for poxvirus assembly and transcriptional competence. <i>Nature Microbiology</i> , 2018, 3, 588-599.  | 13.3 | 10        |
| 39 | Endothelial cell nanotube insertions into cardiac and skeletal myocytes during coordinated tissue development. <i>Cardiovascular Research</i> , 2020, 116, 260-261.  | 3.8  | 10        |
| 40 | Perfringolysin O-Induced Plasma Membrane Pores Trigger Actomyosin Remodeling and Endoplasmic Reticulum Redistribution. <i>Toxins</i> , 2019, 11, 419.  | 3.4  | 6         |
| 41 | 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         |
| 42 | Experimental selection of long-term intracellular mycobacteria. <i>Cellular Microbiology</i> , 2014, 16, 1425-1440.  | 2.1  | 5         |
| 43 | X-ray microtomosynthesis of unstained pathology tissue samples. <i>Journal of Microscopy</i> , 2021, 283, 9-20.  | 1.8  | 5         |
| 44 | Sequential compound fusion and kiss-and-run mediate exo- and endocytosis in excitable cells. <i>Science Advances</i> , 2022, 8, .  | 10.3 | 5         |
| 45 | 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         |
| 46 | Cdc42 controls secretory granules morphology in rodent salivary glands in vivo. <i>Communicative and Integrative Biology</i> , 2020, 13, 22-26.  | 1.4  | 3         |
| 47 | 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         |
| 48 | Comparison of 3D Protocols in Metastatic Breast Cancer Tumors. <i>Microscopy and Microanalysis</i> , 2020, 26, 1338-1338.  | 0.4  | 1         |
| 49 | Characterization of Mycobacterium bovis Phagosome. <i>Microscopy and Microanalysis</i> , 2008, 14, 124-125.  | 0.4  | 0         |