

Adam D Hoppe

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

3,055
citations

279487

23
h-index

214527

47
g-index

66
all docs

66
docs citations

66
times ranked

4070
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Sterol metabolism regulates clathrin-mediated endocytosis and intracellular trafficking within isogenic stem cell models. <i>FASEB Journal</i> , 2022, 36, . | 0.2 | 0 |
| 2 | Seroprevalence of SARS-CoV-2 antibodies among rural healthcare workers. <i>Journal of Medical Virology</i> , 2021, 93, 6611-6618. | 2.5 | 4 |
| 3 | The structural dynamics of macropinosome formation and PI3-kinase-mediated sealing revealed by lattice light sheet microscopy. <i>Nature Communications</i> , 2021, 12, 4838. | 5.8 | 18 |
| 4 | Sterols lower energetic barriers of membrane bending and fission necessary for efficient clathrin-mediated endocytosis. <i>Cell Reports</i> , 2021, 37, 110008. | 2.9 | 20 |
| 5 | Human Monoclonal Antibody Derived from Transchromosomal Cattle Neutralizes Multiple H1 Clades of Influenza A Virus by Recognizing a Novel Conformational Epitope in the Hemagglutinin Head Domain. <i>Journal of Virology</i> , 2020, 94, . | 1.5 | 6 |
| 6 | Engineered IgG1-Fc Molecules Define Valency Control of Cell Surface Fcγ3 Receptor Inhibition and Activation in Endosomes. <i>Frontiers in Immunology</i> , 2020, 11, 617767. | 2.2 | 5 |
| 7 | Prediction of regulatory motifs from human Chip-sequencing data using a deep learning framework. <i>Nucleic Acids Research</i> , 2019, 47, 7809-7824. | 6.5 | 47 |
| 8 | Membrane bending occurs at all stages of clathrin-coat assembly and defines endocytic dynamics. <i>Nature Communications</i> , 2018, 9, 419. | 5.8 | 82 |
| 9 | Generation of a CLTA reporter human induced pluripotent stem cell line, CRMi001-A-1, using the CRISPR/Cas9 system to monitor endogenous clathrin trafficking. <i>Stem Cell Research</i> , 2018, 33, 95-99. | 0.3 | 6 |
| 10 | FRETting about the affinity of bimolecular protein-protein interactions. <i>Protein Science</i> , 2018, 27, 1850-1856. | 3.1 | 8 |
| 11 | Correlated fluorescence-atomic force microscopy studies of the clathrin mediated endocytosis in SKMEL cells. <i>Proceedings of SPIE</i> , 2017, , . | 0.8 | 1 |
| 12 | Both cytopathic and non-cytopathic bovine viral diarrhea virus (BVDV) induced autophagy at a similar rate. <i>Veterinary Immunology and Immunopathology</i> , 2017, 193-194, 1-9. | 0.5 | 18 |
| 13 | CSF-1 receptor signalling is governed by pre-requisite EHD1 mediated receptor display on the macrophage cell surface. <i>Cellular Signalling</i> , 2016, 28, 1325-1335. | 1.7 | 10 |
| 14 | TIRF imaging of Fc gamma receptor microclusters dynamics and signaling on macrophages during frustrated phagocytosis. <i>BMC Immunology</i> , 2016, 17, 5. | 0.9 | 28 |
| 15 | Three-Dimensional Reconstruction of Three-Way FRET Microscopy Improves Imaging of Multiple Protein-Protein Interactions. <i>PLoS ONE</i> , 2016, 11, e0152401. | 1.1 | 13 |
| 16 | Raising the Speed Limit on 3D-3Way FRET Microscopy. <i>Biophysical Journal</i> , 2015, 108, 321a. | 0.2 | 0 |
| 17 | Optimizing fluorescent protein trios for 3-Way FRET imaging of protein interactions in living cells. <i>Scientific Reports</i> , 2015, 5, 10270. | 1.6 | 21 |
| 18 | Imaging Sub-Diffraction Membrane Curvature Dynamics during Clathrin Mediated Endocytosis. <i>Biophysical Journal</i> , 2015, 108, 32a. | 0.2 | 0 |

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|----|---|-----|-----------|
| 19 | Delivery of the CSF-1R to the lumen of macropinosomes promotes its destruction in macrophages. <i>Journal of Cell Science</i> , 2014, 127, 5228-39. | 1.2 | 19 |
| 20 | Genomic and evolutionary characterization of a novel influenza-C-like virus from swine. <i>Archives of Virology</i> , 2014, 159, 249-255. | 0.9 | 19 |
| 21 | Fluctuation Spectroscopy Methods for the Analysis of Membrane Processes. , 2014, , 236-259. | | 1 |
| 22 | FRETting for a benchmark (LB280). <i>FASEB Journal</i> , 2014, 28, LB280. | 0.2 | 0 |
| 23 | Optimization of FRET Microscopy for Live-Cell Imaging of Multiple Protein-Protein Interactions. <i>Biophysical Journal</i> , 2013, 104, 669a. | 0.2 | 0 |
| 24 | Polarized-Tirf-Based Monitoring of Sub-Resolution Membrane Curvature Dynamics during Clathrin-Mediated Endocytosis. <i>Biophysical Journal</i> , 2013, 104, 618a-619a. | 0.2 | 0 |
| 25 | N-Way FRET Microscopy of Multiple Protein-Protein Interactions in Live Cells. <i>PLoS ONE</i> , 2013, 8, e64760. | 1.1 | 44 |
| 26 | Isolation of a Novel Swine Influenza Virus from Oklahoma in 2011 Which Is Distantly Related to Human Influenza C Viruses. <i>PLoS Pathogens</i> , 2013, 9, e1003176. | 2.1 | 268 |
| 27 | Uniform Total Internal Reflection Fluorescence Illumination Enables Live Cell Fluorescence Resonance Energy Transfer Microscopy. <i>Microscopy and Microanalysis</i> , 2013, 19, 350-359. | 0.2 | 27 |
| 28 | Pulse shaping multiphoton FRET microscopy. , 2012, 8226, . | | 2 |
| 29 | Imaging Subresolution Membrane Curvature in Living Cells by Back Focal Plane Positioning Polarized Total Internal Reflection Microscopy (TIRFM). <i>Biophysical Journal</i> , 2012, 102, 726a. | 0.2 | 1 |
| 30 | Three-Dimensional Multifluorophore FRET Microscopy. <i>Biophysical Journal</i> , 2012, 102, 198a. | 0.2 | 0 |
| 31 | Selective BODIPY® based fluorescent chemosensor for imaging Pb ²⁺ ion in living cells. <i>Tetrahedron Letters</i> , 2012, 53, 4273-4275. | 0.7 | 7 |
| 32 | FRET-Based Imaging of Rac and Cdc42 Activation During Fc-Receptor-Mediated Phagocytosis in Macrophages. <i>Methods in Molecular Biology</i> , 2012, 827, 235-251. | 0.4 | 6 |
| 33 | N-Way FRET Microscopy for Imaging Multiple Protein Interactions Within a Single Living Cell. <i>Biophysical Journal</i> , 2011, 100, 183a. | 0.2 | 0 |
| 34 | Abnormal interaction of motor neuropathy-associated mutant HspB8 (Hsp22) forms with the RNA helicase Ddx20 (gemin3). <i>Cell Stress and Chaperones</i> , 2010, 15, 567-582. | 1.2 | 32 |
| 35 | Coordination of Fc receptor signaling regulates cellular commitment to phagocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19332-19337. | 3.3 | 93 |
| 36 | A Cdc42 Activation Cycle Coordinated by PI 3-Kinase during Fc Receptor-mediated Phagocytosis. <i>Molecular Biology of the Cell</i> , 2010, 21, 470-480. | 0.9 | 99 |

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|----|---|-----|-----------|
| 37 | Sequential signaling in plasma-membrane domains during macropinosome formation in macrophages. <i>Journal of Cell Science</i> , 2009, 122, 3250-3261. | 1.2 | 155 |
| 38 | Quantitative Fluorescence Resonance Energy Transfer Microscopy Analysis of the Human Immunodeficiency Virus Type 1 Gag-Gag Interaction: Relative Contributions of the CA and NC Domains and Membrane Binding. <i>Journal of Virology</i> , 2009, 83, 7322-7336. | 1.5 | 62 |
| 39 | A computational approach to inferring cellular protein-binding affinities from quantitative fluorescence resonance energy transfer imaging. <i>Proteomics</i> , 2009, 9, 5371-5383. | 1.3 | 14 |
| 40 | Live cell fluorescence microscopy to study microbial pathogenesis. <i>Cellular Microbiology</i> , 2009, 11, 540-550. | 1.1 | 28 |
| 41 | Three-Dimensional FRET Reconstruction Microscopy for Analysis of Dynamic Molecular Interactions in Live Cells. <i>Biophysical Journal</i> , 2008, 95, 400-418. | 0.2 | 40 |
| 42 | Arp2 Links Autophagic Machinery with the Actin Cytoskeleton. <i>Molecular Biology of the Cell</i> , 2008, 19, 1962-1975. | 0.9 | 111 |
| 43 | Gga/Clathrin-Dependent Transport from the TGN to the Late Endosome/Prevacuolar Compartment. <i>FASEB Journal</i> , 2008, 22, 628.6. | 0.2 | 0 |
| 44 | Myopathy-associated β -crystallin Mutants. <i>Journal of Biological Chemistry</i> , 2007, 282, 34276-34287. | 1.6 | 57 |
| 45 | Kinesin-1 structural organization and conformational changes revealed by FRET stoichiometry in live cells. <i>Journal of Cell Biology</i> , 2007, 176, 51-63. | 2.3 | 133 |
| 46 | A FRET analysis to unravel the role of cholesterol in Rac1 and PI 3-kinase activation in the InlB/Met signalling pathway. <i>Cellular Microbiology</i> , 2007, 9, 790-803. | 1.1 | 61 |
| 47 | Three-dimensional FRET microscopy. , 2006, , . | | 1 |
| 48 | Membrane perforations inhibit lysosome fusion by altering pH and calcium in <i>Listeria monocytogenes</i> vacuoles. <i>Cellular Microbiology</i> , 2006, 8, 781-792. | 1.1 | 148 |
| 49 | Abnormal small heat shock protein interactions involving neuropathy-associated HSP22 (HSPB8) mutants. <i>FASEB Journal</i> , 2006, 20, 2168-2170. | 0.2 | 76 |
| 50 | A Phosphatidylinositol-3-Kinase-Dependent Signal Transition Regulates ARF1 and ARF6 during Fc γ 3 Receptor-Mediated Phagocytosis. <i>PLoS Biology</i> , 2006, 4, e162. | 2.6 | 109 |
| 51 | The coordination of signaling during Fc receptor-mediated phagocytosis. <i>Journal of Leukocyte Biology</i> , 2004, 76, 1093-1103. | 1.5 | 260 |
| 52 | Cdc42, Rac1, and Rac2 Display Distinct Patterns of Activation during Phagocytosis. <i>Molecular Biology of the Cell</i> , 2004, 15, 3509-3519. | 0.9 | 312 |
| 53 | The uniformity of phagosome maturation in macrophages. <i>Journal of Cell Biology</i> , 2004, 164, 185-194. | 2.3 | 152 |
| 54 | Polarized Fluorescence Resonance Energy Transfer Microscopy. <i>Biophysical Journal</i> , 2004, 87, 2787-2797. | 0.2 | 77 |

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|----|---|-----|-----------|
| 55 | Fluorescence Resonance Energy Transfer-Based Stoichiometry in Living Cells. <i>Biophysical Journal</i> , 2002, 83, 3652-3664. | 0.2 | 327 |
| 56 | Mediation of a Phase Transition in Hyaluronate Films by the Counterions Li, Cs, Mg and Ca as Observed by Infrared Spectroscopy, Optical Microscopy, and Optical Birefringence. <i>Journal of Biomolecular Structure and Dynamics</i> , 1999, 17, 607-616. | 2.0 | 6 |
| 57 | Sterols Lower Energetic Barriers of Membrane Bending and Fission Necessary for Efficient Clathrin Mediated Endocytosis. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 1 |