

# Kristine Schauer

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

3,465  
citations

516710

16  
h-index

501196

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

7013  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rab27a and Rab27b control different steps of the exosome secretion pathway. <i>Nature Cell Biology</i> , 2010, 12, 19-30.	10.3	1,992
2	New substrates for TonB-dependent transport: do we only see the "tip of the iceberg"? <i>Trends in Biochemical Sciences</i> , 2008, 33, 330-338.	7.5	323
3	Integrin endosomal signalling suppresses anoikis. <i>Nature Cell Biology</i> , 2015, 17, 1412-1421.	10.3	184
4	Novel nickel transport mechanism across the bacterial outer membrane energized by the TonB/ExbB/ExbD machinery. <i>Molecular Microbiology</i> , 2007, 63, 1054-1068.	2.5	161
5	In Vivo Interactome of <i>Helicobacter pylori</i> Urease Revealed by Tandem Affinity Purification. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 2429-2441.	3.8	97
6	Probabilistic density maps to study global endomembrane organization. <i>Nature Methods</i> , 2010, 7, 560-566.	19.0	89
7	A Surface Phospholipase Is Involved in the Migration of <i>Plasmodium</i> Sporozoites through Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 6752-6760.	3.4	88
8	Closed-form density-based framework for automatic detection of cellular morphology changes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8382-8387.	7.1	75
9	Structural Basis of the Nickel Response in <i>Helicobacter pylori</i> : Crystal Structures of HpNikR in Apo and Nickel-bound States. <i>Journal of Molecular Biology</i> , 2006, 361, 715-730.	4.2	74
10	Mechanical Role of Actin Dynamics in the Rheology of the Golgi Complex and in Golgi-Associated Trafficking Events. <i>Current Biology</i> , 2014, 24, 1700-1711.	3.9	68
11	The <i>Helicobacter pylori</i> GroES Cochaperonin HspA Functions as a Specialized Nickel Chaperone and Sequestration Protein through Its Unique C-Terminal Extension. <i>Journal of Bacteriology</i> , 2010, 192, 1231-1237.	2.2	63
12	Hierarchical regulation of the NikR-mediated nickel response in <i>Helicobacter pylori</i> . <i>Nucleic Acids Research</i> , 2011, 39, 7564-7575.	14.5	55
13	Rab5 Isoforms Orchestrate a "Division of Labor" in the Endocytic Network; Rab5C Modulates Rac-Mediated Cell Motility. <i>PLoS ONE</i> , 2014, 9, e90384.	2.5	41
14	Cell adhesion defines the topology of endocytosis and signaling. <i>EMBO Journal</i> , 2014, 33, 35-45.	7.8	37
15	MYO1C stabilizes actin and facilitates arrival of transport carriers at the Golgi apparatus. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	27
16	Intracellular organization in cell polarity " placing organelles into the polarity loop. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	18
17	A comprehensive library of fluorescent constructs of SARS-CoV-2 proteins and their initial characterisation in different cell types. <i>Biology of the Cell</i> , 2021, 113, 311-328.	2.0	17
18	Quantitative insights into actin rearrangements and bacterial target site selection from <i>Salmonella</i> ...Typhimurium infection of micropatterned cells. <i>Cellular Microbiology</i> , 2013, 15, n/a-n/a.	2.1	15

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19	A Novel Organelle Map Framework for High-Content Cell Morphology Analysis in High Throughput. <i>Journal of Biomolecular Screening</i> , 2014, 19, 317-324.	2.6	8
20	Studying Intracellular Trafficking Pathways with Probabilistic Density Maps. <i>Methods in Cell Biology</i> , 2013, 118, 325-343.	1.1	6
21	Why does endocytosis in single cells care which side up?. <i>Bioarchitecture</i> , 2014, 4, 62-67.	1.5	6
22	Persistent cell migration emerges from a coupling between protrusion dynamics and polarized trafficking. <i>ELife</i> , 2022, 11, .	6.0	5
23	Probabilistic Density Maps to Study the Spatial Organization of Endocytosis. <i>Methods in Molecular Biology</i> , 2014, 1174, 117-138.	0.9	4
24	Analysis of Organelle Positioning Using Patterned Microdevices. <i>Current Protocols in Cell Biology</i> , 2019, 82, e77.	2.3	3
25	Determining the Intracellular Organization of Organelles. <i>Methods in Molecular Biology</i> , 2019, 1862, 263-278.	0.9	3
26	Quantifying Spatiotemporal Parameters of Cellular Exocytosis in Micropatterned Cells. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	2
27	Does the Actin Network Architecture Leverage Myosin-I Functions?. <i>Biology</i> , 2022, 11, 989.	2.8	2
28	The NANOTUMOR consortium â€œ Towards the Tumor Cell Atlas. <i>Biology of the Cell</i> , 2021, 113, 272-280.	2.0	1