

# Matthias Floetenmeyer

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

925  
citations

840585

11  
h-index

1281743

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential Role of Nitrite for Abiotic Fe(II) Oxidation and Cell Encrustation during Nitrate Reduction by Denitrifying Bacteria. <i>Applied and Environmental Microbiology</i> , 2014, 80, 1051-1061.	1.4	161
2	High-Resolution 3D Quantitative Analysis of Caveolar Ultrastructure and Caveola-Cytoskeleton Interactions. <i>Traffic</i> , 2008, 9, 893-909.	1.3	156
3	The caveolin-cavin system plays a conserved and critical role in mechanoprotection of skeletal muscle. <i>Journal of Cell Biology</i> , 2015, 210, 833-849.	2.3	133
4	A Single Method for Cryofixation and Correlative Light, Electron Microscopy and Tomography of Zebrafish Embryos. <i>Traffic</i> , 2009, 10, 131-136.	1.3	131
5	Constitutive Formation of Caveolae in a Bacterium. <i>Cell</i> , 2012, 150, 752-763.	13.5	126
6	Characterization of a Distinct Plasma Membrane Macrodome in Differentiated Adipocytes. <i>Journal of Biological Chemistry</i> , 2002, 277, 46769-46778.	1.6	70
7	Protons Released During Pancreatic Acinar Cell Secretion Acidify the Lumen and Contribute to Pancreatitis in Mice. <i>Gastroenterology</i> , 2010, 139, 1711-1720.e5.	0.6	56
8	Faceted polymersomes: a sphere-to-polyhedron shape transformation. <i>Chemical Science</i> , 2019, 10, 2725-2731.	3.7	29
9	Cavin1 intrinsically disordered domains are essential for fuzzy electrostatic interactions and caveola formation. <i>Nature Communications</i> , 2021, 12, 931.	5.8	24
10	Insights into the autotransport process of a trimeric autotransporter, Yersinia Adhesin A (YadA). <i>Molecular Microbiology</i> , 2019, 111, 844-862.	1.2	22
11	Cavin4 interacts with Bin1 to promote T-tubule formation and stability in developing skeletal muscle. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	15
12	The caveolin-cavin system plays a conserved and critical role in mechanoprotection of skeletal muscle. <i>Journal of Experimental Medicine</i> , 2015, 212, 212100IA80.	4.2	0