

Brian Belardi

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

497
citations

840585

11
h-index

1058333

14
g-index

16
all docs

16
docs citations

16
times ranked

749
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging the Glycosylation State of Cell Surface Glycoproteins by Two-Photon Fluorescence Lifetime Imaging Microscopy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14045-14049.	7.2	89
2	Investigating Cell Surface Galectin-Mediated Cross-Linking on Glycoengineered Cells. <i>Journal of the American Chemical Society</i> , 2012, 134, 9549-9552.	6.6	70
3	Nuclear repartitioning of galectin-1 by an extracellular glycan switch regulates mammary morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4820-7.	3.3	63
4	Cell-cell interfaces as specialized compartments directing cell function. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 750-764.	16.1	60
5	A Weak Link with Actin Organizes Tight Junctions to Control Epithelial Permeability. <i>Developmental Cell</i> , 2020, 54, 792-804.e7.	3.1	44
6	Azobenzene-based sinusoidal surface topography drives focal adhesion confinement and guides collective migration of epithelial cells. <i>Scientific Reports</i> , 2020, 10, 15329.	1.6	30
7	Molecular height measurement by cell surface optical profilometry (CSOP). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14209-14219.	3.3	27
8	Biased localization of actin binding proteins by actin filament conformation. <i>Nature Communications</i> , 2020, 11, 5973.	5.8	25
9	Chemical Lectinology: Tools for Probing the Ligands and Dynamics of Mammalian Lectins In Vivo. <i>Chemistry and Biology</i> , 2015, 22, 983-993.	6.2	23
10	Claudin-4 reconstituted in unilamellar vesicles is sufficient to form tight interfaces that partition membrane proteins. <i>Journal of Cell Science</i> , 2018, 132, .	1.2	18
11	Steric regulation of tandem calponin homology domain actin-binding affinity. <i>Molecular Biology of the Cell</i> , 2019, 30, 3112-3122.	0.9	15
12	Piperidine-based glycodendrons as protein N-glycan prosthetics. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4791-4800.	1.4	4
13	Extracellular Electron Transfer Enables Cellular Control of Cu(I)-Catalyzed Alkyne-Azide Cycloaddition. <i>ACS Central Science</i> , 2022, 8, 246-257.	5.3	4
14	One and one is not two: taking a fresh look at membrane interfaces. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 747-748.	16.1	0