

Hussein Hamzeh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3859301/publications.pdf>

Version: 2024-02-01

11
papers

274
citations

1040056

9
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel biosensor to study cAMP dynamics in cilia and flagella. <i>ELife</i> , 2016, 5, .	6.0	79
2	Rotational motion and rheotaxis of human sperm do not require functional CatSper channels and transmembrane Ca ²⁺ signaling. <i>EMBO Journal</i> , 2020, 39, e102363.	7.8	42
3	Accumulation of Glucosylceramide in the Absence of the Beta-Glucosidase GBA2 Alters Cytoskeletal Dynamics. <i>PLoS Genetics</i> , 2015, 11, e1005063.	3.5	39
4	Optical phantoms with variable properties and geometries for diffuse and fluorescence optical spectroscopy. <i>Journal of Biomedical Optics</i> , 2012, 17, 108001.	2.6	23
5	Absolute proteomic quantification reveals design principles of sperm flagellar chemosensation. <i>EMBO Journal</i> , 2020, 39, e102723.	7.8	22
6	Species-specific differences in nonlysosomal glucosylceramidase GBA2 function underlie locomotor dysfunction arising from loss-of-function mutations. <i>Journal of Biological Chemistry</i> , 2019, 294, 3853-3871.	3.4	20
7	Molecular Mechanism Underlying the Action of Zona-pellucida Glycoproteins on Mouse Sperm. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 572735.	3.7	19
8	Characterization, comparison, and choice of a commercial double-clad fiber for nonlinear endomicroscopy. <i>Journal of Biomedical Optics</i> , 2014, 19, 076005.	2.6	15
9	Kinetic and photonic techniques to study chemotactic signaling in sea urchin sperm. <i>Methods in Cell Biology</i> , 2019, 151, 487-517.	1.1	15
10	Optical designs for multimodal nonlinear microendoscope for optical biopsy. , 2013, , .		0
11	Focus on the Distal Assembly of a Nonlinear Endomicroscope: A Gradient Index Lens Coupled with a Piezoelectric Scanner for Fluorescence Lifetime Measurements. <i>Springer Proceedings in Physics</i> , 2016, , 19-33.	0.2	0