

Pavel A Brodskiy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3330128/publications.pdf>

Version: 2024-02-01

14
papers

254
citations

1307594

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h-index

1372567

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g-index

20
all docs

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docs citations

20
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	MAPPER: An Open-Source, High-Dimensional Image Analysis Pipeline Unmasks Differential Regulation of Drosophila Wing Features. <i>Frontiers in Genetics</i> , 2022, 13, 869719.	2.3	2
2	Genomic and Molecular Profiling of Human Papillomavirus Associated Head and Neck Squamous Cell Carcinoma Treated with Immune Checkpoint Blockade Compared to Survival Outcomes. <i>Cancers</i> , 2021, 13, 6309.	3.7	10
3	Decoding Calcium Signaling Dynamics during Drosophila Wing Disc Development. <i>Biophysical Journal</i> , 2019, 116, 725-740.	0.5	39
4	Calcium as a signal integrator in developing epithelial tissues. <i>Physical Biology</i> , 2018, 15, 051001.	1.8	34
5	Mapping the calcium signalsome during Drosophila wing development. <i>IFAC-PapersOnLine</i> , 2018, 51, 108-109.	0.9	0
6	A new registration approach for dynamic analysis of calcium signals in organs. , 2018, 2018, 934-937.		4
7	Multi-scale computational study of the mechanical regulation of cell mitotic rounding in epithelia. <i>PLoS Computational Biology</i> , 2017, 13, e1005533.	3.2	35
8	On-chip three-dimensional tissue histology for microbiopsies. <i>Biomicrofluidics</i> , 2016, 10, .	2.4	3
9	Multi-scale Computational Model of Epithelial Cell Proliferation and Mechanics. <i>Biophysical Journal</i> , 2016, 110, 307a.	0.5	0
10	High Throughput Characterization of Adult Stem Cells Engineered for Delivery of Therapeutic Factors for Neuroprotective Strategies. <i>Journal of Visualized Experiments</i> , 2015, , e52242.	0.3	2
11	Capabilities and Limitations of Tissue Size Control through Passive Mechanical Forces. <i>PLoS Computational Biology</i> , 2015, 11, e1004679.	3.2	39
12	Patterning of wound-induced intercellular Ca ²⁺ -flashes in a developing epithelium. <i>Physical Biology</i> , 2015, 12, 056005.	1.8	34
13	Characterization and Performance Relationships for a Commercial Thin Film Composite Membrane in Forward Osmosis Desalination and Pressure Retarded Osmosis. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 11393-11403.	3.7	36
14	Molecular and Cellular Characterization of a Zebrafish Optic Pathway Tumor Line Implicates Glia-Derived Progenitors in Tumorigenesis. <i>PLoS ONE</i> , 2014, 9, e114888.	2.5	5