

# 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

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citations

1307594

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1372567

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20  
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docs citations

20  
times ranked

341  
citing authors

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