

# Antoni Matyjaszkiewicz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6533785/publications.pdf>

Version: 2024-02-01

12  
papers

350  
citations

1163117

8  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

397  
citing authors

#	ARTICLE	IF	CITATIONS
1	BSim: An Agent-Based Tool for Modeling Bacterial Populations in Systems and Synthetic Biology. PLoS ONE, 2012, 7, e42790.	2.5	116
2	<i>In-Silico</i> Analysis and Implementation of a Multicellular Feedback Control Strategy in a Synthetic Bacterial Consortium. ACS Synthetic Biology, 2017, 6, 507-517.	3.8	54
3	An Orthogonal Multi-input Integration System to Control Gene Expression in <i>Escherichia coli</i> . ACS Synthetic Biology, 2017, 6, 1816-1824.	3.8	52
4	BSim 2.0: An Advanced Agent-Based Cell Simulator. ACS Synthetic Biology, 2017, 6, 1969-1972.	3.8	43
5	Micro-scale interactions between Arabidopsis root hairs and soil particles influence soil erosion. Communications Biology, 2020, 3, 164.	4.4	24
6	TRIC-B channels display labile gating: evidence from the TRIC-A knockout mouse model. Pflugers Archiv European Journal of Physiology, 2013, 465, 1135-1148.	2.8	22
7	Toward Engineering Biosystems With Emergent Collective Functions. Frontiers in Bioengineering and Biotechnology, 2020, 8, 705.	4.1	22
8	Design of a multicellular feedback control strategy in a synthetic bacterial consortium. , 2016, , .		9
9	Subconductance Gating and Voltage Sensitivity of Sarcoplasmic Reticulum K <sup>+</sup> Channels: A Modeling Approach. Biophysical Journal, 2015, 109, 265-276.	0.5	8
10	Voltage-Dependent Stochastic Gating Models of TRIC-B Channels. Biophysical Journal, 2013, 104, 104a.	0.5	0
11	TRIC-B Channels Exhibit Labile Gating Properties; Evidence from TRIC-A Knockout Mice. Biophysical Journal, 2013, 104, 105a.	0.5	0
12	H <sup>+</sup> Inhibits TRIC-B Channels Derived from Mouse TRIC-A Knockout Tissue. Biophysical Journal, 2014, 106, 763a.	0.5	0