# Antoni Matyjaszkiewicz

List of Publications by Year
in descending order



| 12 | 350 | 1163117 8 | 1588992 8 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 12 | 12 | 12 | 397 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Toward Engineering Biosystems With Emergent Collective Functions. Frontiers in Bioengineering and Biotechnology, 2020, 8, 705. | 4.1 | 22 |
| 2 | Micro-scale interactions between Arabidopsis root hairs and soil particles influence soil erosion. Communications Biology, 2020, 3, 164. | 4.4 | 24 |
| 3 | BSim 2.0: An Advanced Agent-Based Cell Simulator. ACS Synthetic Biology, 2017, 6, 1969-1972. | 3.8 | 43 |
| 4 | In-Silico Analysis and Implementation of a Multicellular Feedback Control Strategy in a Synthetic Bacterial Consortium. ACS Synthetic Biology, 2017, 6, 507-517. | 3.8 | 54 |
| 5 | An Orthogonal Multi-input Integration System to Control Gene Expression in Escherichia coli. ACS Synthetic Biology, 2017, 6, 1816-1824. | 3.8 | 52 |
| 6 | Design of a multicellular feedback control strategy in a synthetic bacterial consortium. , 2016, , . | | 9 |
| 7 | Subconductance Gating and Voltage Sensitivity of Sarcoplasmic Reticulum K+ Channels: A Modeling Approach. Biophysical Journal, 2015, 109, 265-276. | 0.5 | 8 |
| 8 | H+ Inhibits TRIC-B Channels Derived from Mouse TRIC-A Knockout Tissue. Biophysical Journal, 2014, 106, 763a. | 0.5 | 0 |
| 9 | 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 |
| 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 | BSim: An Agent-Based Tool for Modeling Bacterial Populations in Systems and Synthetic Biology. PLoS ONE, 2012, 7, e42790. | 2.5 | 116 |