

Thiruvallur R Gowrishankar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/909405/publications.pdf>

Version: 2024-02-01

6
papers

521
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

469
citing authors

#	ARTICLE	IF	CITATIONS
1	An approach to electrical modeling of single and multiple cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3203-3208.	7.1	184
2	Microdosimetry for conventional and supra-electroporation in cells with organelles. Biochemical and Biophysical Research Communications, 2006, 341, 1266-1276.	2.1	183
3	Basic Features of a Cell Electroporation Model: Illustrative Behavior for Two Very Different Pulses. Journal of Membrane Biology, 2014, 247, 1209-1228.	2.1	79
4	Modeling a Conventional Electroporation Pulse Train: Decreased Pore Number, Cumulative Calcium Transport and an Example of Electrosensitization. IEEE Transactions on Biomedical Engineering, 2016, 63, 571-580.	4.2	35
5	Transport-Based Biophysical System Models of Cells for Quantitatively Describing Responses to Electric Fields. Proceedings of the IEEE, 2013, 101, 505-517.	21.3	25
6	Nanopore occlusion: A biophysical mechanism for bipolar cancellation in cell membranes. Biochemical and Biophysical Research Communications, 2018, 503, 1194-1199.	2.1	15