

Thiruvallur R Gowrishankar

List of Publications by Year in descending order

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6
papers

521
citations

1478505

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h-index

1872680

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g-index

6
all docs

6
docs citations

6
times ranked

469
citing authors

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