

# Chitaranjan Mahapatra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10525626/publications.pdf>

Version: 2024-02-01

7  
papers

31  
citations

2682572

2  
h-index

2550090

3  
g-index

7  
all docs

7  
docs citations

7  
times ranked

20  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | A biophysically constrained computational model of the action potential of mouse urinary bladder smooth muscle. PLoS ONE, 2018, 13, e0200712.                 | 2.5 | 17        |
| 2 | Computational studies on urinary bladder smooth muscle: Modeling ion channels and their role in generating electrical activity. , 2015, , .                   |     | 7         |
| 3 | Computational Studies on Bladder Smooth Muscle: Modeling Ion Channels and their Role in Generating Electrical Activity. Biophysical Journal, 2015, 108, 588a. | 0.5 | 3         |
| 4 | MP42-01 QUANTITATIVE STUDY OF INWARD RECTIFYING ION CHANNEL IN DETRUSOR INSTABILITY. Journal of Urology, 2017, 197, .   | 0.4 | 2         |
| 5 | Computational Study of Hodgkin-Huxley Type Calcium-Dependent Potassium Current in Urinary Bladder Over Activity. , 2018, , .                                  |     | 2         |
| 6 | Computational simulation of spike patterns in STN neuron using Izhikevich model. , 2016, , .  |     | 0         |
| 7 | Computational Study of Action Potential Generation in Urethral Smooth Muscle Cell. Lecture Notes in Computer Science, 2021, , 26-32.                          | 1.3 | 0         |