

Zilong Song

List of Publications by Year in descending order

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6
papers

52
citations

1937685

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1872680

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6
all docs

6
docs citations

6
times ranked

31
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Electric potential generation of electrocytes: Modelling, analysis, and computation. Journal of Theoretical Biology, 2020, 487, 110107. | 1.7 | 2 |
| 2 | Modelling triatomine bug population and Trypanosoma rangeli transmission dynamics: Co-feeding, pathogenic effect and linkage with chagas disease. Mathematical Biosciences, 2020, 324, 108326. | 1.9 | 4 |
| 3 | Electric discharge of electrocytes: Modelling, analysis and simulation. Journal of Theoretical Biology, 2020, 498, 110294. | 1.7 | 3 |
| 4 | Selectivity of the KcsA potassium channel: Analysis and computation. Physical Review E, 2019, 100, 022406. | 2.1 | 10 |
| 5 | Electroneutral models for dynamic Poisson-Nernst-Planck systems. Physical Review E, 2018, 97, 012411. | 2.1 | 19 |
| 6 | Electroneutral models for a multidimensional dynamic Poisson-Nernst-Planck system. Physical Review E, 2018, 98, . | 2.1 | 14 |