

Ruqiang Zhang

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | A Computational Model for the Cold Response Pathway in Plants. <i>Frontiers in Physiology</i> , 2020, 11, 591073. | 2.8 | 9 |
| 2 | Exponentially Fitted Two-Derivative Runge-Kutta Methods for Simulation of Oscillatory Genetic Regulatory Systems. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-14. | 1.3 | 6 |
| 3 | Novel phase-fitted symmetric splitting methods for chemical oscillators. <i>Journal of Mathematical Chemistry</i> , 2017, 55, 238-258. | 1.5 | 2 |
| 4 | Symmetric collocation ERKN methods for general second-order oscillators. <i>Calcolo</i> , 2019, 56, 1. | 1.1 | 2 |
| 5 | Stochastic simulation of a model for circadian rhythms in plants. <i>Journal of Theoretical Biology</i> , 2021, 527, 110790. | 1.7 | 2 |
| 6 | Steady-State-Preserving Simulation of Genetic Regulatory Systems. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-16. | 1.3 | 1 |
| 7 | Exponentially fitted symmetric and symplectic DIRK methods for oscillatory Hamiltonian systems. <i>Journal of Mathematical Chemistry</i> , 2018, 56, 1130-1152. | 1.5 | 1 |
| 8 | New optimized symmetric and symplectic trigonometrically fitted RKN methods for second-order oscillatory differential equations. <i>International Journal of Computer Mathematics</i> , 2017, 94, 1036-1061. | 1.8 | 0 |