

Ruqiang Zhang

List of Publications by Year in descending order

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8
papers

23
citations

2682572

2
h-index

2053705

5
g-index

8
all docs

8
docs citations

8
times ranked

31
citing authors

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