

Liming Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11369270/publications.pdf>

Version: 2024-02-01

11
papers

279
citations

1306789

7
h-index

1719596

7
g-index

11
all docs

11
docs citations

11
times ranked

290
citing authors

#	ARTICLE	IF	CITATIONS
1	On the number of steady states in a multiple futile cycle. <i>Journal of Mathematical Biology</i> , 2008, 57, 29-52.	0.8	97
2	A Critical Quantity for Noise Attenuation in Feedback Systems. <i>PLoS Computational Biology</i> , 2010, 6, e1000764.	1.5	44
3	Nonessential Sites Improve Phosphorylation Switch. <i>Biophysical Journal</i> , 2010, 99, L41-L43.	0.2	31
4	Noise Attenuation in the ON and OFF States of Biological Switches. <i>ACS Synthetic Biology</i> , 2013, 2, 587-593.	1.9	27
5	Singularly Perturbed Monotone Systems and Application to Double Phosphorylation Cycles. <i>Journal of Nonlinear Science</i> , 2008, 18, 527-550.	1.0	25
6	Protein Scaffolds Can Enhance the Bistability of Multisite Phosphorylation Systems. <i>PLoS Computational Biology</i> , 2012, 8, e1002551.	1.5	24
7	Conditions for global stability of monotone tridiagonal systems with negative feedback. <i>Systems and Control Letters</i> , 2010, 59, 130-138.	1.3	13
8	A Remark on Singular Perturbations of Strongly Monotone Systems. , 2006, , .		9
9	Almost Global Convergence in Singular Perturbations of Strongly Monotone Systems. , 0, , 415-422.		6
10	Global stability for monotone tridiagonal systems with negative feedback. , 2008, , .		3
11	Further results on singularly perturbed monotone systems, with an application to double phosphorylation cycles. , 2007, , .		0