

Alexandra Pokhilko

List of Publications by Year in descending order

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7
papers

481
citations

1478505

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1720034

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7
all docs

7
docs citations

7
times ranked

726
citing authors

#	ARTICLE	IF	CITATIONS
1	A single-input binary counting module based on serine integrase site-specific recombination. <i>Nucleic Acids Research</i> , 2019, 47, 4896-4909.	14.5	11
2	Mathematical model of a serine integrase-controlled toggle switch with a single input. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180160.	3.4	11
3	A simplified mathematical model of directional DNA site-specific recombination by serine integrases. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20160618.	3.4	8
4	Monitoring of nutrient limitation in growing <i>E. coli</i> : a mathematical model of a ppGpp-based biosensor. <i>BMC Systems Biology</i> , 2017, 11, 106.	3.0	3
5	The mechanism of λ C31 integrase directionality: experimental analysis and computational modelling. <i>Nucleic Acids Research</i> , 2016, 44, gkw616.	14.5	20
6	Defining the robust behaviour of the plant clock gene circuit with absolute RNA timeseries and open infrastructure. <i>Open Biology</i> , 2015, 5, 150042.	3.6	42
7	The clock gene circuit in <i>Arabidopsis</i> includes a repressilator with additional feedback loops. <i>Molecular Systems Biology</i> , 2012, 8, 574.	7.2	386