

# Alexandra Pokhilko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/749047/publications.pdf>

Version: 2024-02-01

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citations

1478505

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times ranked

726  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	The mechanism of $\Phi$ C31 integrase directionality: experimental analysis and computational modelling. <i>Nucleic Acids Research</i> , 2016, 44, gkw616.	14.5	20
4	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
5	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
6	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
7	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