

Raphael Engesser

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

736
citations

933447

10
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1125743

13
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16
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16
docs citations

16
times ranked

932
citing authors

#	ARTICLE	IF	CITATIONS
1	A red/far-red light-responsive bi-stable toggle switch to control gene expression in mammalian cells. <i>Nucleic Acids Research</i> , 2013, 41, e77-e77.	14.5	161
2	Multi-chromatic control of mammalian gene expression and signaling. <i>Nucleic Acids Research</i> , 2013, 41, e124-e124.	14.5	138
3	Driving the Model to Its Limit: Profile Likelihood Based Model Reduction. <i>PLoS ONE</i> , 2016, 11, e0162366.	2.5	79
4	Optogenetic control of gene expression in plants in the presence of ambient white light. <i>Nature Methods</i> , 2020, 17, 717-725.	19.0	72
5	Synthesis of phycocyanobilin in mammalian cells. <i>Chemical Communications</i> , 2013, 49, 8970.	4.1	67
6	A Green-Light-Responsive System for the Control of Transgene Expression in Mammalian and Plant Cells. <i>ACS Synthetic Biology</i> , 2018, 7, 1349-1358.	3.8	60
7	Orthogonal Optogenetic Triple-Gene Control in Mammalian Cells. <i>ACS Synthetic Biology</i> , 2014, 3, 796-801.	3.8	58
8	Dual-controlled optogenetic system for the rapid down-regulation of protein levels in mammalian cells. <i>Scientific Reports</i> , 2018, 8, 15024.	3.3	46
9	Synthetic Biology Makes Polymer Materials Count. <i>Advanced Materials</i> , 2018, 30, e1800472.	21.0	22
10	IL-1 β -induced and p38MAPK-dependent activation of the mitogen-activated protein kinase-activated protein kinase 2 (MK2) in hepatocytes: Signal transduction with robust and concentration-independent signal amplification. <i>Journal of Biological Chemistry</i> , 2017, 292, 6291-6302.	3.4	14
11	Biofunctionalized Materials Featuring Feedforward and Feedback Circuits Exemplified by the Detection of Botulinum Toxin A. <i>Advanced Science</i> , 2019, 6, 1801320.	11.2	11
12	Characterization of the synthetic biology-inspired implementation of a materials-based positive feedback loop. <i>Data in Brief</i> , 2018, 19, 665-677.	1.0	7
13	Biomaterials: Phytochrome-Based Extracellular Matrix with Reversibly Tunable Mechanical Properties (<i>Adv. Mater.</i> 12/2019). <i>Advanced Materials</i> , 2019, 31, 1970083.	21.0	1
14	Biomaterials: Synthetic Biology Makes Polymer Materials Count (<i>Adv. Mater.</i> 21/2018). <i>Advanced Materials</i> , 2018, 30, 1870150.	21.0	0
15	Estimating chain lengths for time delays in dynamical systems using profile likelihood. <i>Bioinformatics</i> , 2019, 36, 1848-1854.	4.1	0