Raphael Engesser

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10398393/publications.pdf

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15	736	933447 10	1125743 13
papers	citations	h-index	g-index

16	16	16	932
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optogenetic control of gene expression in plants in the presence of ambient white light. Nature Methods, 2020, 17, 717-725.	19.0	72
2	Biofunctionalized Materials Featuring Feedforward and Feedback Circuits Exemplified by the Detection of Botulinum Toxin A. Advanced Science, 2019, 6, 1801320.	11.2	11
3	Biomaterials: Phytochromeâ€Based Extracellular Matrix with Reversibly Tunable Mechanical Properties (Adv. Mater. 12/2019). Advanced Materials, 2019, 31, 1970083.	21.0	1
4	Estimating chain lengths for time delays in dynamical systems using profile likelihood. Bioinformatics, 2019, 36, 1848-1854.	4.1	0
5	A Green-Light-Responsive System for the Control of Transgene Expression in Mammalian and Plant Cells. ACS Synthetic Biology, 2018, 7, 1349-1358.	3.8	60
6	Synthetic Biology Makes Polymer Materials Count. Advanced Materials, 2018, 30, e1800472.	21.0	22
7	Dual-controlled optogenetic system for the rapid down-regulation of protein levels in mammalian cells. Scientific Reports, 2018, 8, 15024.	3.3	46
8	Biomaterials: Synthetic Biology Makes Polymer Materials Count (Adv. Mater. 21/2018). Advanced Materials, 2018, 30, 1870150.	21.0	0
9	Characterization of the synthetic biology-inspired implementation of a materials-based positive feedback loop. Data in Brief, 2018, 19, 665-677.	1.0	7
10	IL-1Î²-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. Journal of Biological Chemistry, 2017, 292, 6291-6302.	3.4	14
11	Driving the Model to Its Limit: Profile Likelihood Based Model Reduction. PLoS ONE, 2016, 11, e0162366.	2.5	79
12	Orthogonal Optogenetic Triple-Gene Control in Mammalian Cells. ACS Synthetic Biology, 2014, 3, 796-801.	3.8	58
13	Synthesis of phycocyanobilin in mammalian cells. Chemical Communications, 2013, 49, 8970.	4.1	67
14	A red/far-red light-responsive bi-stable toggle switch to control gene expression in mammalian cells. Nucleic Acids Research, 2013, 41, e77-e77.	14.5	161
15	Multi-chromatic control of mammalian gene expression and signaling. Nucleic Acids Research, 2013, 41, e124-e124.	14.5	138