

Tobias Strittmatter

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9373666/publications.pdf>

Version: 2024-02-01

11
papers

308
citations

1478505

6
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene switch for λ -glucose-induced biopharmaceutical production in mammalian cells. <i>Biotechnology and Bioengineering</i> , 2021, 118, 2220-2233.	3.3	4
2	Smart-watch-programmed green-light-operated percutaneous control of therapeutic transgenes. <i>Nature Communications</i> , 2021, 12, 3388.	12.8	29
3	Smartphone-Flashlight-Mediated Remote Control of Rapid Insulin Secretion Restores Glucose Homeostasis in Experimental Type-1 Diabetes. <i>Small</i> , 2021, 17, e2101939.	10.0	18
4	A versatile plasmid architecture for mammalian synthetic biology (VAMSyB). <i>Metabolic Engineering</i> , 2021, 66, 41-50.	7.0	5
5	Control of gene expression in engineered mammalian cells with a programmable shear-stress inducer. <i>Biotechnology and Bioengineering</i> , 2021, 118, 4751-4759.	3.3	5
6	Neurons differentiate magnitude and location of mechanical stimuli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 848-856.	7.1	58
7	Genetically encoded betaxanthin-based small-molecular fluorescent reporter for mammalian cells. <i>Nucleic Acids Research</i> , 2020, 48, e67-e67.	14.5	4
8	Construction of a Multiwell Light-Induction Platform for Traceless Control of Gene in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2020, 2173, 189-199.	0.9	2
9	Light-Controlled Mammalian Cells and Their Therapeutic Applications in Synthetic Biology. <i>Advanced Science</i> , 2019, 6, 1800952.	11.2	64
10	Generalized extracellular molecule sensor platform for programming cellular behavior. <i>Nature Chemical Biology</i> , 2018, 14, 723-729.	8.0	108
11	A Method for Multiplex Gene Synthesis Employing Error Correction Based on Expression. <i>PLoS ONE</i> , 2015, 10, e0119927.	2.5	9