

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