

Jiawei Shao

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

528
citations

1307594

7
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

858
citing authors

#	ARTICLE	IF	CITATIONS
1	A Self-Powered Optogenetic System for Implantable Blood Glucose Control. <i>Research</i> , 2022, 2022, .	5.7	7
2	Engineering Mammalian Cells to Control Glucose Homeostasis. <i>Methods in Molecular Biology</i> , 2021, 2312, 35-57.	0.9	0
3	A synthetic BRET-based optogenetic device for pulsatile transgene expression enabling glucose homeostasis in mice. <i>Nature Communications</i> , 2021, 12, 615.	12.8	16
4	Electrogenetic cellular insulin release for real-time glycemic control in type 1 diabetic mice. <i>Science</i> , 2020, 368, 993-1001.	12.6	117
5	Engineering a far-red light-activated split-Cas9 system for remote-controlled genome editing of internal organs and tumors. <i>Science Advances</i> , 2020, 6, eabb1777.	10.3	73
6	Synthetic far-red light-mediated CRISPR-dCas9 device for inducing functional neuronal differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6722-E6730.	7.1	124
7	A Synthetic-Biology-Inspired Therapeutic Strategy for Targeting and Treating Hepatogenous Diabetes. <i>Molecular Therapy</i> , 2017, 25, 443-455.	8.2	40
8	Smartphone-controlled optogenetically engineered cells enable semiautomatic glucose homeostasis in diabetic mice. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	151