

Marielena Gamboa Castro

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

473
citations

1040056

9
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

608
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput in vivo screen of functional mRNA delivery identifies nanoparticles for endothelial cell gene editing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9944-E9952.	7.1	196
2	Enhanced intratumoural activity of CAR T cells engineered to produce immunomodulators under photothermal control. <i>Nature Biomedical Engineering</i> , 2021, 5, 1348-1359.	22.5	74
3	Remote Control of Mammalian Cells with Heat-Triggered Gene Switches and Photothermal Pulse Trains. <i>ACS Synthetic Biology</i> , 2018, 7, 1167-1173.	3.8	42
4	Augmented lipid-nanoparticle-mediated in vivo genome editing in the lungs and spleen by disrupting Cas9 activity in the liver. <i>Nature Biomedical Engineering</i> , 2022, 6, 157-167.	22.5	35
5	Clustering and jamming in epithelial-mesenchymal co-cultures. <i>Soft Matter</i> , 2016, 12, 8327-8337.	2.7	33
6	Mechanophenotyping of 3D multicellular clusters using displacement arrays of rendered tractions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5655-5663.	7.1	27
7	Heat-Triggered Remote Control of CRISPR-dCas9 for Tunable Transcriptional Modulation. <i>ACS Chemical Biology</i> , 2020, 15, 533-542.	3.4	23
8	In vivo mRNA delivery to virus-specific T cells by light-induced ligand exchange of MHC class I antigen-presenting nanoparticles. <i>Science Advances</i> , 2022, 8, eabm7950.	10.3	22
9	Synthetic immunity by remote control. <i>Theranostics</i> , 2020, 10, 3652-3667.	10.0	17