Marc Folcher

List of Publications by Year
in descending order

13 papers	474 citations	1163117 8 h-index	1125743 13 g-index
15 all docs	15 docs citations	15 times ranked	773 citing authors

#	Article	IF	Citations
1	A programmable synthetic lineage-control network that differentiates human IPSCs into glucose-sensitive insulin-secreting beta-like cells. Nature Communications, 2016, 7, 11247.	12.8	109
2	Mind-controlled transgene expression by a wireless-powered optogenetic designer cell implant. Nature Communications, 2014, 5, 5392.	12.8	108
3	Immunomimetic Designer Cells Protect Mice from MRSA Infection. Cell, 2018, 174, 259-270.e11.	28.9	54
4	Synthetic biology-based cellular biomedical tattoo for detection of hypercalcemia associated with cancer. Science Translational Medicine, 2018, 10, .	12.4	44
5	Designed cell consortia as fragrance-programmable analog-to-digital converters. Nature Chemical Biology, 2017, 13, 309-316.	8.0	43
6	Synthetic biology advancing clinical applications. Current Opinion in Chemical Biology, 2012, 16, 345-354.	6.1	37
7	Overexpression of YY1 increases the protein production in mammalian cells. Journal of Biotechnology, 2016, 219, 72-85.	3.8	26
8	Synthetic mammalian trigger-controlled bipartite transcription factors. Nucleic Acids Research, 2013, 41, e134-e134.	14.5	24
9	A synthetic cGMP-sensitive gene switch providing ViagraÂ®-controlled gene expression in mammalian cells and mice. Metabolic Engineering, 2015, 29, 169-179.	7.0	9
10	Optogenerapy: When bio-electronic implant enters the modern syringe era. Porto Biomedical Journal, 2017, 2, 145-149.	1.0	7
11	The Potential Cost-Effectiveness of a Cell-Based Bioelectronic Implantable Device Delivering Interferon-Î²1a Therapy Versus Injectable Interferon-Î²1a Treatment in Relapsingâ€“Remitting Multiple Sclerosis. Pharmacoeconomics, 2022, 40, 91-108.	3.3	4
12	Optimized Protocol for Subcutaneous Implantation of Encapsulated Cells Device and Evaluation of Biocompatibility. Frontiers in Bioengineering and Biotechnology, 2021, 9, 620967.	4.1	3
13	Synthetic Biology and the Translational Imperative. Science and Engineering Ethics, 2019, 25, 33-52.	2.9	0