Nika Shakiba

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8610302/publications.pdf

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18	952	759233 12	839539 18
papers	citations	h-index	g-index

21	21	21	1913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-wide characterization of the routes to pluripotency. Nature, 2014, 516, 198-206.	27.8	187
2	A stepwise model of Reaction-Diffusion and Positional-Information governs self-organized human peri-gastrulation-like patterning. Development (Cambridge), 2017, 144, 4298-4312.	2.5	124
3	Derivation, expansion and differentiation of induced pluripotent stem cells in continuous suspension cultures. Nature Methods, 2012, 9, 509-516.	19.0	98
4	The optoelectronic microrobot: A versatile toolbox for micromanipulation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14823-14828.	7.1	79
5	CD24 tracks divergent pluripotent states in mouse and human cells. Nature Communications, 2015, 6, 7329.	12.8	76
6	Stem cell bioengineering: building from stem cell biology. Nature Reviews Genetics, 2018, 19, 595-614.	16.3	76
7	Cell competition during reprogramming gives rise to dominant clones. Science, 2019, 364, .	12.6	76
8	Electrodeformation for single cell mechanical characterization. Journal of Micromechanics and Microengineering, 2011, 21, 054012.	2.6	68
9	Patterned Optoelectronic Tweezers: A New Scheme for Selecting, Moving, and Storing Dielectric Particles and Cells. Small, 2018, 14, e1803342.	10.0	41
10	Context-aware synthetic biology by controller design: Engineering the mammalian cell. Cell Systems, 2021, 12, 561-592.	6.2	37
11	High-throughput micropatterning platform reveals Nodal-dependent bisection of peri-gastrulationâ€“associated versus preneurulation-associated fate patterning. PLoS Biology, 2019, 17, e3000081.	5.6	34
12	Engineering cell fitness: lessons for regenerative medicine. Current Opinion in Biotechnology, 2017, 47, 7-15.	6.6	19
13	How can Waddington-like landscapes facilitate insights beyond developmental biology?. Cell Systems, 2022, 13, 4-9.	6.2	9
14	Searching for Superspreaders: Identifying Epidemic Patterns Associated with Superspreading Events in Stochastic Models. Association for Women in Mathematics Series, 2018, , 1-29.	0.4	6
15	Effects of environmental variability on superspreading transmission events in stochastic epidemic models. Infectious Disease Modelling, 2021, 6, 560-583.	1.9	6
16	Electrodeformation for single cell mechanical characterization. , 2011, , .		4
17	The Field of Cell Competition Comes of Age: Semantics and Technological Synergy. Frontiers in Cell and Developmental Biology, 2022, 10, .	3.7	4
18	Evening the playing field: microenvironmental control over stem cell competition during fate programming. Current Opinion in Genetics and Development, 2021, 70, 66-75.	3.3	2