Martin Philip Stewart

List of Publications by Year
in descending order

16	2,524	686830 13	887659 17
papers	citations	h-index	g-index

17	17	17	4032
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In vitro and ex vivo strategies for intracellular delivery. Nature, 2016, 538, 183-192.	13.7	662
2	Hydrostatic pressure and the actomyosin cortex drive mitotic cell rounding. Nature, 2011, 469, 226-230.	13.7	576
3	Intracellular Delivery by Membrane Disruption: Mechanisms, Strategies, and Concepts. Chemical Reviews, 2018, 118, 7409-7531.	23.0	490
4	High-throughput nuclear delivery and rapid expression of DNA via mechanical and electrical cell-membrane disruption. Nature Biomedical Engineering, 2017, 1, .	11.6	158
5	Cdk1-dependent mitotic enrichment of cortical myosinÂII promotes cell rounding against confinement. Nature Cell Biology, 2015, 17, 148-159.	4.6	131
6	Challenges in carrierâ€mediated intracellular delivery: moving beyond endosomal barriers. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2016, 8, 465-478.	3.3	105
7	Mitotic cells contract actomyosin cortex and generate pressure to round against or escape epithelial confinement. Nature Communications, 2015, 6, 8872.	5.8	79
8	Mechanical control of mitotic progression in single animal cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11258-11263.	3.3	76
9	Wedged AFM-cantilevers for parallel plate cell mechanics. Methods, 2013, 60, 186-194.	1.9	65
10	Genome-scale single-cell mechanical phenotyping reveals disease-related genes involved in mitotic rounding. Nature Communications, 2017, 8, 1266.	5.8	52
11	Products of the Parkinson's disease-related glyoxalase DJ-1, D-lactate and glycolate, support mitochondrial membrane potential and neuronal survival. Biology Open, 2014, 3, 777-784.	0.6	49
12	Tracking mechanics and volume of globular cells with atomic force microscopy using a constant-height clamp. Nature Protocols, 2012, 7, 143-154.	5.5	45
13	Force probing cell shape changes to molecular resolution. Trends in Biochemical Sciences, 2011, 36, 444-450.	3.7	27
14	Modifying an Implant: A Mini-review of Dental Implant Biomaterials. BIO Integration, 2021, 2, .	0.9	3
15	Atomic Force Microscopy to Study Mechanics of Living Mitotic Mammalian Cells. Japanese Journal of Applied Physics, 2011, 50, 08LA01.	0.8	3
16	Atomic Force Microscopy to Study Mechanics of Living Mitotic Mammalian Cells. Japanese Journal of Applied Physics, 2011, 50, 08LA01.	0.8	1