

Michael F Staddon

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

465
citations

1163117

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1372567

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12
all docs

12
docs citations

12
times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulsatile contractions and pattern formation in excitable actomyosin cortex. PLoS Computational Biology, 2022, 18, e1009981.	3.2	11
2	Force-dependent intercellular adhesion strengthening underlies asymmetric adherens junction contraction. Current Biology, 2022, 32, 1986-2000.e5.	3.9	17
3	Hindbrain neuropore tissue geometry determines asymmetric cell-mediated closure dynamics in mouse embryos. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
4	RhoA Mediates Epithelial Cell Shape Changes via Mechanosensitive Endocytosis. Developmental Cell, 2020, 52, 152-166.e5.	7.0	82
5	Adaptive viscoelasticity of epithelial cell junctions: from models to methods. Current Opinion in Genetics and Development, 2020, 63, 86-94.	3.3	8
6	Tissue fluidity promotes epithelial wound healing. Nature Physics, 2019, 15, 1195-1203.	16.7	131
7	Mechanosensitive Junction Remodeling Promotes Robust Epithelial Morphogenesis. Biophysical Journal, 2019, 117, 1739-1750.	0.5	59
8	Wound healing coordinates actin architectures to regulate mechanical work. Nature Physics, 2019, 15, 696-705.	16.7	52
9	Force localization modes in dynamic epithelial colonies. Molecular Biology of the Cell, 2018, 29, 2835-2847.	2.1	33
10	Cooperation of dual modes of cell motility promotes epithelial stress relaxation to accelerate wound healing. PLoS Computational Biology, 2018, 14, e1006502.	3.2	53