

Andreas Buttenschön

List of Publications by Year in descending order

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9
papers

124
citations

1478505

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1720034

7
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12
all docs

12
docs citations

12
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Bifurcation. CMS/CAIMS Books in Mathematics, 2021, , 69-106.	0.4	0
2	No-Flux Boundary Conditions for Non-local Operators. CMS/CAIMS Books in Mathematics, 2021, , 109-133.	0.4	0
3	Cops-on-the-dots: The linear stability of crime hotspots for a 1-D reaction-diffusion model of urban crime. European Journal of Applied Mathematics, 2020, 31, 871-917.	2.9	9
4	Cell Size, Mechanical Tension, and GTPase Signaling in the Single Cell. Bulletin of Mathematical Biology, 2020, 82, 28.	1.9	13
5	Nonlocal Adhesion Models for Microorganisms on Bounded Domains. SIAM Journal on Applied Mathematics, 2020, 80, 382-401.	1.8	10
6	Bridging from single to collective cell migration: A review of models and links to experiments. PLoS Computational Biology, 2020, 16, e1008411.	3.2	49
7	Correlated random walks inside a cell: actin branching and microtubule dynamics. Journal of Mathematical Biology, 2019, 79, 1953-1972.	1.9	5
8	A space-jump derivation for non-local models of cell-cell adhesion and non-local chemotaxis. Journal of Mathematical Biology, 2018, 76, 429-456.	1.9	31
9	Barnacles vs bullies: modelling biocontrol of the invasive European green crab using a castrating barnacle parasite. Theoretical Ecology, 2017, 10, 305-318.	1.0	6