

# Andreas Buttenschön

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4762185/publications.pdf>

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papers

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citations

1478505

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docs citations

12  
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128  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bridging from single to collective cell migration: A review of models and links to experiments. PLoS Computational Biology, 2020, 16, e1008411.	3.2	49
2	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
3	Cell Size, Mechanical Tension, and GTPase Signaling in the Single Cell. Bulletin of Mathematical Biology, 2020, 82, 28.	1.9	13
4	Nonlocal Adhesion Models for Microorganisms on Bounded Domains. SIAM Journal on Applied Mathematics, 2020, 80, 382-401.	1.8	10
5	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
6	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
7	Correlated random walks inside a cell: actin branching and microtubule dynamics. Journal of Mathematical Biology, 2019, 79, 1953-1972.	1.9	5
8	Global Bifurcation. CMS/CAIMS Books in Mathematics, 2021, , 69-106.	0.4	0
9	No-Flux Boundary Conditions for Non-local Operators. CMS/CAIMS Books in Mathematics, 2021, , 109-133.	0.4	0