

Elaine Crooks

List of Publications by Year in descending order

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14
papers

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citations

1307594

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1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

116
citing authors

#	ARTICLE	IF	CITATIONS
1	Special issue for Prof. Dancer. Electronic Research Archive, 2022, 30, 1774-1774.	0.9	0
2	Compensated convexity on bounded domains, mixed Moreau envelopes and computational methods. Applied Mathematical Modelling, 2021, 94, 688-720.	4.2	1
3	Minimal travelling wave speed and explicit solutions in monostable reaction-diffusion equations. Electronic Journal of Qualitative Theory of Differential Equations, 2020, , 1-9.	0.5	1
4	Luck in Food Finding Affects Individual Performance and Population Trajectories. Current Biology, 2018, 28, 3871-3877.e5.	3.9	18
5	Compensated Convexity Methods for Approximations and Interpolations of Sampled Functions in Euclidean Spaces: Applications to Contour Lines, Sparse Data, and inpainting. SIAM Journal on Imaging Sciences, 2018, 11, 2368-2428.	2.2	6
6	Compensated Convexity Methods for Approximations and Interpolations of Sampled Functions in Euclidean Spaces: Theoretical Foundations. SIAM Journal on Mathematical Analysis, 2016, 48, 4126-4154.	1.9	8
7	Self-similar fast-reaction limits for reaction-diffusion systems on unbounded domains. Journal of Differential Equations, 2016, 261, 2210-2250.	2.2	6
8	Lack of symmetry in linear determinacy due to convective effects in reaction-diffusion-convection problems. Tamkang Journal of Mathematics, 2016, 47, .	0.3	4
9	Compensated convexity and Hausdorff stable extraction of intersections for smooth manifolds. Mathematical Models and Methods in Applied Sciences, 2015, 25, 839-873.	3.3	7
10	Compensated Convexity, Multiscale Medial Axis Maps and Sharp Regularity of the Squared-Distance Function. SIAM Journal on Mathematical Analysis, 2015, 47, 4289-4331.	1.9	9
11	Compensated convexity and Hausdorff stable geometric singularity extractions. Mathematical Models and Methods in Applied Sciences, 2015, 25, 747-801.	3.3	8
12	A Spatially Extended Model of Kinase-Receptor Interaction. SIAM Journal on Applied Mathematics, 2013, 73, 374-400.	1.8	5
13	Front-like entire solutions for equations with convection. Journal of Differential Equations, 2012, 253, 1206-1249.	2.2	16
14	Highly nonlinear large-competition limits of elliptic systems. Nonlinear Analysis: Theory, Methods & Applications, 2010, 73, 1447-1457.	1.1	8