

Elaine Crooks

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6833376/publications.pdf>

Version: 2024-02-01

14
papers

97
citations

1307594

7
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

116
citing authors

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