

Lisa Maria Kreusser

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

65
citations

1684188

5
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

48
citing authors

#	ARTICLE	IF	CITATIONS
1	Rigorous continuum limit for the discrete network formation problem. <i>Communications in Partial Differential Equations</i> , 2019, 44, 1159-1185.	2.2	12
2	Pattern formation of a nonlocal, anisotropic interaction model. <i>Mathematical Models and Methods in Applied Sciences</i> , 2018, 28, 409-451.	3.3	9
3	ODE- and PDE-based modeling of biological transportation networks. <i>Communications in Mathematical Sciences</i> , 2019, 17, 1235-1256.	1.0	9
4	Application of quantitative inline NMR spectroscopy for investigation of a fixed-bed chromatographic reactor process. <i>Chemical Engineering Journal</i> , 2018, 336, 518-530.	12.7	8
5	An anisotropic interaction model for simulating fingerprints. <i>Journal of Mathematical Biology</i> , 2019, 78, 2171-2206.	1.9	7
6	Auxin transport model for leaf venation. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2019, 475, 20190015.	2.1	6
7	Stability Analysis of Line Patterns of an Anisotropic Interaction Model. <i>SIAM Journal on Applied Dynamical Systems</i> , 2019, 18, 1798-1845.	1.6	4
8	Autophosphorylation and the Dynamics of the Activation of Lck. <i>Bulletin of Mathematical Biology</i> , 2021, 83, 64.	1.9	4
9	Mean-field optimal control for biological pattern formation. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2021, 27, 40.	1.3	3
10	Detection of high codimensional bifurcations in variational PDEs. <i>Nonlinearity</i> , 2020, 33, 2335-2363.	1.4	2
11	Trend to Equilibrium for a Delay Vlasov–Fokker–Planck Equation and Explicit Decay Estimates. <i>SIAM Journal on Mathematical Analysis</i> , 2017, 49, 3277-3298.	1.9	1
12	Analysis of Anisotropic Interaction Equations for Fingerprint Simulations. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2018, 18, e201800373.	0.2	0
13	Equilibria of an anisotropic nonlocal interaction equation: Analysis and numerics. <i>Discrete and Continuous Dynamical Systems</i> , 2021, 41, 3985.	0.9	0