

Nadia Loy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2732729/publications.pdf>

Version: 2024-02-01

11
papers

87
citations

1684188

5
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

43
citing authors

#	ARTICLE	IF	CITATIONS
1	Direction-dependent turning leads to anisotropic diffusion and persistence. <i>European Journal of Applied Mathematics</i> , 2022, 33, 729-765.	2.9	5
2	Multi-Cue Kinetic Model with Non-Local Sensing for Cell Migration on a Fiber Network with Chemotaxis. <i>Bulletin of Mathematical Biology</i> , 2022, 84, 42.	1.9	4
3	An SIR-like kinetic model tracking individuals' viral load. <i>Networks and Heterogeneous Media</i> , 2022, 17, 467.	1.1	10
4	Opinion polarization in social networks. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20210158.	3.4	5
5	Structure preserving schemes for Fokker-Planck equations with nonconstant diffusion matrices. <i>Mathematics and Computers in Simulation</i> , 2021, 188, 342-362.	4.4	4
6	Boltzmann-type equations for multi-agent systems with label switching. <i>Kinetic and Related Models</i> , 2021, 14, 867.	0.9	12
7	Stability of a non-local kinetic model for cell migration with density-dependent speed. <i>Mathematical Medicine and Biology</i> , 2021, 38, 83-105.	1.2	1
8	Kinetic models with non-local sensing determining cell polarization and speed according to independent cues. <i>Journal of Mathematical Biology</i> , 2020, 80, 373-421.	1.9	27
9	Modelling physical limits of migration by a kinetic model with non-local sensing. <i>Journal of Mathematical Biology</i> , 2020, 80, 1759-1801.	1.9	8
10	Stability of a non-local kinetic model for cell migration with density dependent orientation bias. <i>Kinetic and Related Models</i> , 2020, 13, 1007-1027.	0.9	4
11	Markov jump processes and collision-like models in the kinetic description of multi-agent systems. <i>Communications in Mathematical Sciences</i> , 2020, 18, 1539-1568.	1.0	7