Nadia Loy

List of Publications by Year
in descending order

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