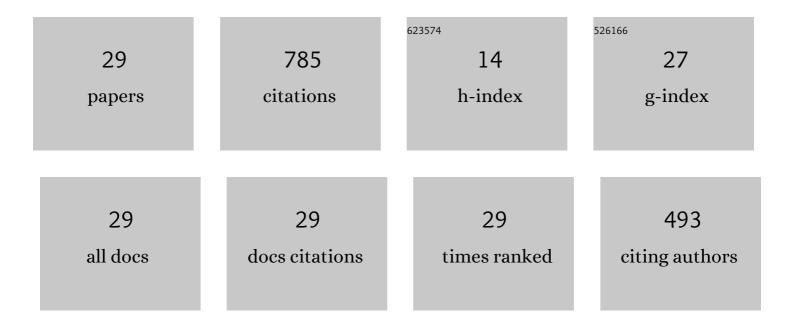
## Marie-Therese Wolfram

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Comparing the best-reply strategy and mean-field games: The stationary case. European Journal of Applied Mathematics, 2022, 33, 79-110.	1.4	0
2	A PDE model for unidirectional flows: Stationary profiles and asymptotic behaviour. Journal of Mathematical Analysis and Applications, 2022, 510, 126018.	0.5	2
3	An Elo-type rating model for players and teams of variable strength. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, 20210155.	1.6	4
4	Ensemble Inference Methods for Models With Noisy and Expensive Likelihoods. SIAM Journal on Applied Dynamical Systems, 2022, 21, 1539-1572.	0.7	7
5	Inverse Optimal Transport. SIAM Journal on Applied Mathematics, 2020, 80, 599-619.	0.8	5
6	Consensus-based global optimization with personal best. Mathematical Biosciences and Engineering, 2020, 17, 6026-6044.	1.0	14
7	Parameter Estimation for Macroscopic Pedestrian Dynamics Models from Microscopic Data. SIAM Journal on Applied Mathematics, 2019, 79, 1475-1500.	0.8	28
8	Boltzmann and Fokker–Planck Equations Modelling the Elo Rating System with Learning Effects. Journal of Nonlinear Science, 2019, 29, 1095-1128.	1.0	10
9	Multiscale modeling of a rectifying bipolar nanopore: Comparing Poisson-Nernst-Planck to Monte Carlo. Journal of Chemical Physics, 2017, 146, 124125.	1.2	22
10	Derivation and analysis of continuum models for crossing pedestrian traffic. Mathematical Models and Methods in Applied Sciences, 2017, 27, 1301-1325.	1.7	6
11	A Semi-Lagrangian Scheme for a Modified Version of the Hughes' Model for Pedestrian Flow. Dynamic Games and Applications, 2017, 7, 683-705.	1.1	16
12	Cross-Diffusion Systems with Excluded-Volume Effects and Asymptotic Gradient Flow Structures. Journal of Nonlinear Science, 2017, 27, 687-719.	1.0	17
13	Balanced growth path solutions of a Boltzmann mean field game model for knowledge growth. Kinetic and Related Models, 2017, 10, 117-140.	0.5	11
14	An improved version of the Hughes model for pedestrian flow. Mathematical Models and Methods in Applied Sciences, 2016, 26, 671-697.	1.7	43
15	Parabolic Free Boundary Price Formation Models Under Market Size Fluctuations. Multiscale Modeling and Simulation, 2016, 14, 1211-1237.	0.6	6
16	Numerical simulation of nonlinear continuity equations by evolving diffeomorphisms. Journal of Computational Physics, 2016, 327, 186-202.	1.9	25
17	Lane Formation by Side-Stepping. SIAM Journal on Mathematical Analysis, 2016, 48, 981-1005.	0.9	25
18	On a Boltzmann Mean Field Model for Knowledge Growth. SIAM Journal on Applied Mathematics, 2016, 76, 1799-1818.	0.8	13

#	Article	IF	CITATIONS
19	Symbolic Derivation of Mean-Field PDEs from Lattice-Based Models. , 2015, , .		1
20	Opinion dynamics: inhomogeneous Boltzmann-type equations modelling opinion leadership and political segregation. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20150345.	1.0	33
21	Socio-economic applications of finite state mean field games. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20130405.	1.6	35
22	On the asymptotic behavior of a Boltzmann-type price formation model. Communications in Mathematical Sciences, 2014, 12, 1353-1361.	0.5	10
23	Individual based and mean-field modeling of direct aggregation. Physica D: Nonlinear Phenomena, 2013, 260, 145-158.	1.3	18
24	A DRIFT–DIFFUSION–REACTION MODEL FOR EXCITONIC PHOTOVOLTAIC BILAYERS: ASYMPTOTIC ANALYSIS AND A 2D HDG FINITE ELEMENT SCHEME. Mathematical Models and Methods in Applied Sciences, 2013, 23, 839-872.	1.7	29
25	Identification of nonlinearities in transport-diffusion models of crowded motion. Inverse Problems and Imaging, 2013, 7, 1157-1182.	0.6	4
26	On a mean field game approach modeling congestion and aversion in pedestrian crowds. Transportation Research Part B: Methodological, 2011, 45, 1572-1589.	2.8	178
27	On the Hughes' model for pedestrian flow: The one-dimensional case. Journal of Differential Equations, 2011, 250, 1334-1362.	1.1	81
28	A LEVEL SET BASED SHAPE OPTIMIZATION METHOD FOR AN ELLIPTIC OBSTACLE PROBLEM. Mathematical Models and Methods in Applied Sciences, 2011, 21, 619-649.	1.7	12
29	Boltzmann and Fokker–Planck equations modelling opinion formation in the presence of strong leaders. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2009, 465–3687-3708	1.0	130