

Lorenzo Pareschi

List of Publications by Year in descending order

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150
papers

4,953
citations

87843

38
h-index

110317

64
g-index

155
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155
docs citations

155
times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	Implicit–Explicit Runge–Kutta Schemes and Applications to Hyperbolic Systems with Relaxation. <i>Journal of Scientific Computing</i> , 2005, 25, 129-155.	1.1	369
2	Numerical methods for kinetic equations. <i>Acta Numerica</i> , 2014, 23, 369-520.	6.3	253
3	On a Kinetic Model for a Simple Market Economy. <i>Journal of Statistical Physics</i> , 2005, 120, 253-277.	0.5	172
4	Vehicular traffic, crowds, and swarms: From kinetic theory and multiscale methods to applications and research perspectives. <i>Mathematical Models and Methods in Applied Sciences</i> , 2019, 29, 1901-2005.	1.7	170
5	Uniformly Accurate Diffusive Relaxation Schemes for Multiscale Transport Equations. <i>SIAM Journal on Numerical Analysis</i> , 2000, 38, 913-936.	1.1	152
6	Numerical Solution of the Boltzmann Equation I: Spectrally Accurate Approximation of the Collision Operator. <i>SIAM Journal on Numerical Analysis</i> , 2000, 37, 1217-1245.	1.1	148
7	Diffusive Relaxation Schemes for Multiscale Discrete-Velocity Kinetic Equations. <i>SIAM Journal on Numerical Analysis</i> , 1998, 35, 2405-2439.	1.1	140
8	Numerical Schemes for Hyperbolic Systems of Conservation Laws with Stiff Diffusive Relaxation. <i>SIAM Journal on Numerical Analysis</i> , 2000, 37, 1246-1270.	1.1	133
9	Fast algorithms for computing the Boltzmann collision operator. <i>Mathematics of Computation</i> , 2006, 75, 1833-1852.	1.1	128
10	Implicit-Explicit Runge–Kutta Schemes for Hyperbolic Systems and Kinetic Equations in the Diffusion Limit. <i>SIAM Journal of Scientific Computing</i> , 2013, 35, A22-A51.	1.3	113
11	A Fourier spectral method for homogeneous boltzmann equations. <i>Transport Theory and Statistical Physics</i> , 1996, 25, 369-382.	0.4	98
12	Relaxation Schemes for Nonlinear Kinetic Equations. <i>SIAM Journal on Numerical Analysis</i> , 1997, 34, 2168-2194.	1.1	90
13	A Numerical Method for the Accurate Solution of the Fokker–Planck–Landau Equation in the Nonhomogeneous Case. <i>Journal of Computational Physics</i> , 2002, 179, 1-26.	1.9	88
14	Mathematical Modeling of Collective Behavior in Socio-Economic and Life Sciences. <i>Modeling and Simulation in Science, Engineering and Technology</i> , 2010, , .	0.4	87
15	Asymptotic Preserving Implicit-Explicit Runge–Kutta Methods for Nonlinear Kinetic Equations. <i>SIAM Journal on Numerical Analysis</i> , 2013, 51, 1064-1087.	1.1	84
16	Fast Spectral Methods for the Fokker–Planck–Landau Collision Operator. <i>Journal of Computational Physics</i> , 2000, 165, 216-236.	1.9	82
17	Solving the Boltzmann Equation in $N \log 2N$. <i>SIAM Journal of Scientific Computing</i> , 2006, 28, 1029-1053.	1.3	82
18	Exponential Runge–Kutta Methods for Stiff Kinetic Equations. <i>SIAM Journal on Numerical Analysis</i> , 2011, 49, 2057-2077.	1.1	80

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19	Time Relaxed Monte Carlo Methods for the Boltzmann Equation. <i>SIAM Journal of Scientific Computing</i> , 2001, 23, 1253-1273.	1.3	74
20	Boltzmann-type control of opinion consensus through leaders. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20140138.	1.6	74
21	Kinetic description of optimal control problems and applications to opinion consensus. <i>Communications in Mathematical Sciences</i> , 2015, 13, 1407-1429.	0.5	66
22	An introduction to Monte Carlo method for the Boltzmann equation. <i>ESAIM: Proceedings and Surveys</i> , 2001, 10, 35-75.	0.4	65
23	An Implicit Monte Carlo Method for Rarefied Gas Dynamics. <i>Journal of Computational Physics</i> , 1999, 154, 90-116.	1.9	58
24	Binary Interaction Algorithms for the Simulation of Flocking and Swarming Dynamics. <i>Multiscale Modeling and Simulation</i> , 2013, 11, 1-29.	0.6	58
25	The moment- ϵ -guided Monte Carlo method. <i>International Journal for Numerical Methods in Fluids</i> , 2011, 67, 189-213.	0.9	57
26	Kinetic models for socio-economic dynamics of speculative markets. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 715-730.	1.2	55
27	Structure Preserving Schemes for Nonlinear Fokker-Planck Equations and Applications. <i>Journal of Scientific Computing</i> , 2018, 74, 1575-1600.	1.1	53
28	Self-Similarity and Power-Like Tails in Nonconservative Kinetic Models. <i>Journal of Statistical Physics</i> , 2006, 124, 747-779.	0.5	51
29	Wealth distribution and collective knowledge: a Boltzmann approach. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20130396.	1.6	50
30	Hybrid Multiscale Methods II. Kinetic Equations. <i>Multiscale Modeling and Simulation</i> , 2008, 6, 1169-1197.	0.6	49
31	Opinion dynamics over complex networks: Kinetic modelling and numerical methods. <i>Kinetic and Related Models</i> , 2017, 10, 1-32.	0.5	47
32	Modeling of self-organized systems interacting with a few individuals: From microscopic to macroscopic dynamics. <i>Applied Mathematics Letters</i> , 2013, 26, 397-401.	1.5	45
33	Discretization of the Multiscale Semiconductor Boltzmann Equation by Diffusive Relaxation Schemes. <i>Journal of Computational Physics</i> , 2000, 161, 312-330.	1.9	44
34	Numerical schemes for kinetic equations in diffusive regimes. <i>Applied Mathematics Letters</i> , 1998, 11, 29-35.	1.5	42
35	Mesoscopic Modelling of Financial Markets. <i>Journal of Statistical Physics</i> , 2009, 134, 161-184.	0.5	42
36	Wealth distribution under the spread of infectious diseases. <i>Physical Review E</i> , 2020, 102, 022303.	0.8	42

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37	Uncertainty Quantification in Control Problems for Flocking Models. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-14.	0.6	40
38	Asymptotic preserving Monte Carlo methods for the Boltzmann equation. <i>Transport Theory and Statistical Physics</i> , 2000, 29, 415-430.	0.4	38
39	High order pressure-based semi-implicit IMEX schemes for the 3D Navier-Stokes equations at all Mach numbers. <i>Journal of Computational Physics</i> , 2021, 434, 110206.	1.9	37
40	Central Differencing Based Numerical Schemes for Hyperbolic Conservation Laws with Relaxation Terms. <i>SIAM Journal on Numerical Analysis</i> , 2001, 39, 1395-1417.	1.1	36
41	Fluid Solver Independent Hybrid Methods for Multiscale Kinetic Equations. <i>SIAM Journal of Scientific Computing</i> , 2010, 32, 603-634.	1.3	36
42	Numerical solution of the Boltzmann equation by time relaxed Monte Carlo (TRMC) methods. <i>International Journal for Numerical Methods in Fluids</i> , 2005, 48, 947-983.	0.9	35
43	A Unified IMEX Runge–Kutta Approach for Hyperbolic Systems with Multiscale Relaxation. <i>SIAM Journal on Numerical Analysis</i> , 2017, 55, 2085-2109.	1.1	35
44	Fokker-Planck asymptotics for traffic flow models. <i>Kinetic and Related Models</i> , 2010, 3, 165-179.	0.5	32
45	Control with uncertain data of socially structured compartmental epidemic models. <i>Journal of Mathematical Biology</i> , 2021, 82, 63.	0.8	31
46	Particle Based gPC Methods for Mean-Field Models of Swarming with Uncertainty. <i>Communications in Computational Physics</i> , 2019, 25, .	0.7	31
47	Exponential Runge–Kutta for the inhomogeneous Boltzmann equations with high order of accuracy. <i>Journal of Computational Physics</i> , 2014, 259, 402-420.	1.9	30
48	Kinetic models for optimal control of wealth inequalities. <i>European Physical Journal B</i> , 2018, 91, 1.	0.6	30
49	On the stability of spectral methods for the homogeneous Boltzmann equation. <i>Transport Theory and Statistical Physics</i> , 2000, 29, 431-447.	0.4	29
50	Kinetic models of collective decision-making in the presence of equality bias. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 467, 201-217.	1.2	29
51	Spectral methods for the non cut-off Boltzmann equation and numerical grazing collision limit. <i>Numerische Mathematik</i> , 2003, 93, 527-548.	0.9	28
52	Hyperbolic models for the spread of epidemics on networks: kinetic description and numerical methods. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2021, 55, 381-407.	0.8	28
53	Consensus-based optimization on hypersurfaces: Well-posedness and mean-field limit. <i>Mathematical Models and Methods in Applied Sciences</i> , 2020, 30, 2725-2751.	1.7	28
54	Implicit-explicit runge-kutta schemes and applications to hyperbolic systems with relaxation. <i>Journal of Scientific Computing</i> , 2005, 25, 129-155.	1.1	27

#	ARTICLE	IF	CITATIONS
55	Central Runge–Kutta Schemes for Conservation Laws. <i>SIAM Journal of Scientific Computing</i> , 2005, 26, 979-999.	1.3	27
56	High order asymptotic-preserving schemes for the Boltzmann equation. <i>Comptes Rendus Mathematique</i> , 2012, 350, 481-486.	0.1	27
57	On the asymptotic properties of IMEX Runge–Kutta schemes for hyperbolic balance laws. <i>Journal of Computational and Applied Mathematics</i> , 2017, 316, 60-73.	1.1	27
58	Implicit-Explicit Linear Multistep Methods for Stiff Kinetic Equations. <i>SIAM Journal on Numerical Analysis</i> , 2017, 55, 664-690.	1.1	25
59	A Relaxation Scheme for Solving the Boltzmann Equation Based on the Chapman-Enskog Expansion. <i>Acta Mathematicae Applicatae Sinica</i> , 2002, 18, 37-62.	0.4	23
60	Mean–field control and Riccati equations. <i>Networks and Heterogeneous Media</i> , 2015, 10, 699-715.	0.5	23
61	Hyperbolic compartmental models for epidemic spread on networks with uncertain data: Application to the emergence of COVID-19 in Italy. <i>Mathematical Models and Methods in Applied Sciences</i> , 2021, 31, 2495-2531.	1.7	23
62	From particle swarm optimization to consensus based optimization: Stochastic modeling and mean-field limit. <i>Mathematical Models and Methods in Applied Sciences</i> , 2021, 31, 1625-1657.	1.7	22
63	Recent Advances in Opinion Modeling: Control and Social Influence. <i>Modeling and Simulation in Science, Engineering and Technology</i> , 2017, , 49-98.	0.4	21
64	Convolutional decomposition and fast summation methods for discrete-velocity approximations of the Boltzmann equation. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2013, 47, 1515-1531.	0.8	20
65	Multi-scale control variate methods for uncertainty quantification in kinetic equations. <i>Journal of Computational Physics</i> , 2019, 388, 63-89.	1.9	20
66	Numerical methods for plasma physics in collisional regimes. <i>Journal of Plasma Physics</i> , 2015, 81, .	0.7	19
67	On steady-state preserving spectral methods for homogeneous Boltzmann equations. <i>Comptes Rendus Mathematique</i> , 2015, 353, 309-314.	0.1	18
68	Asymptotic-Preserving Monte Carlo Methods for Transport Equations in the Diffusive Limit. <i>SIAM Journal of Scientific Computing</i> , 2018, 40, A504-A528.	1.3	18
69	Spatial spread of COVID-19 outbreak in Italy using multiscale kinetic transport equations with uncertainty. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 7028-7059.	1.0	18
70	Modeling and simulating the spatial spread of an epidemic through multiscale kinetic transport equations. <i>Mathematical Models and Methods in Applied Sciences</i> , 2021, 31, 1059-1097.	1.7	18
71	Fast conservative and entropic numerical methods for the Boson Boltzmann equation. <i>Numerische Mathematik</i> , 2005, 99, 509-532.	0.9	17
72	Efficient Stochastic Asymptotic-Preserving Implicit-Explicit Methods for Transport Equations with Diffusive Scalings and Random Inputs. <i>SIAM Journal of Scientific Computing</i> , 2018, 40, A671-A696.	1.3	17

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73	Accurate numerical methods for the collisional motion of (heated) granular flows. <i>Journal of Computational Physics</i> , 2005, 202, 216-235.	1.9	16
74	Hydrodynamic Models of Preference Formation in Multi-agent Societies. <i>Journal of Nonlinear Science</i> , 2019, 29, 2761-2796.	1.0	16
75	Spectral methods for one-dimensional kinetic models of granular flows and numerical quasi elastic limit. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2003, 37, 73-90.	0.8	15
76	Implicit-Explicit Runge-Kutta Schemes for Numerical Discretization of Optimal Control Problems. <i>SIAM Journal on Numerical Analysis</i> , 2013, 51, 1875-1899.	1.1	15
77	Monte Carlo stochastic Galerkin methods for the Boltzmann equation with uncertainties: Space-homogeneous case. <i>Journal of Computational Physics</i> , 2020, 423, 109822.	1.9	15
78	Multiscale Variance Reduction Methods Based on Multiple Control Variates for Kinetic Equations with Uncertainties. <i>Multiscale Modeling and Simulation</i> , 2020, 18, 351-382.	0.6	15
79	Discrete Velocity Models and Relaxation Schemes for Traffic Flows. <i>SIAM Journal of Scientific Computing</i> , 2006, 28, 1582-1596.	1.3	14
80	Residual equilibrium schemes for time dependent partial differential equations. <i>Computers and Fluids</i> , 2017, 156, 329-342.	1.3	14
81	Mathematical Models and Methods for Crowd Dynamics Control. <i>Modeling and Simulation in Science, Engineering and Technology</i> , 2020, , 159-197.	0.4	14
82	Implicit-Explicit Runge-Kutta Schemes for the Boltzmann-Poisson System for Semiconductors. <i>Communications in Computational Physics</i> , 2014, 15, 1291-1319.	0.7	13
83	On a continuous mixed strategies model for evolutionary game theory. <i>Kinetic and Related Models</i> , 2011, 4, 187-213.	0.5	13
84	Enskog-like discrete velocity models for vehicular traffic flow. <i>Networks and Heterogeneous Media</i> , 2007, 2, 481-496.	0.5	13
85	Compressible and incompressible limits for hyperbolic systems with relaxation. <i>Journal of Computational and Applied Mathematics</i> , 2004, 168, 41-52.	1.1	12
86	Uncertainty Quantification for Kinetic Models in Socio-Economic and Life Sciences. <i>SEMA SIMAI Springer Series</i> , 2017, , 151-191.	0.4	12
87	Structure preserving schemes for the continuum Kuramoto model: Phase transitions. <i>Journal of Computational Physics</i> , 2019, 376, 365-389.	1.9	12
88	Implicit-Explicit Multistep Methods for Hyperbolic Systems With Multiscale Relaxation. <i>SIAM Journal of Scientific Computing</i> , 2020, 42, A2402-A2435.	1.3	12
89	Selective model-predictive control for flocking systems. <i>Communications in Applied and Industrial Mathematics</i> , 2018, 9, 4-21.	0.6	12
90	Mean field mutation dynamics and the continuous Luria-Delbrück distribution. <i>Mathematical Biosciences</i> , 2012, 240, 223-230.	0.9	11

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91	Boltzmann Games in Heterogeneous Consensus Dynamics. Journal of Statistical Physics, 2019, 175, 97-125.	0.5	11
92	Modelling lockdown measures in epidemic outbreaks using selective socio-economic containment with uncertainty. Mathematical Biosciences and Engineering, 2021, 18, 7161-7190.	1.0	11
93	Uncertainty quantification of viscoelastic parameters in arterial hemodynamics with the a-FSI blood flow model. Journal of Computational Physics, 2021, 430, 110102.	1.9	11
94	General Kinetic Models for Vehicular Traffic Flows and Monte-Carlo Methods. Computational Methods in Applied Mathematics, 2005, 5, 155-169.	0.4	11
95	Hybrid multiscale methods for hyperbolic problems I. Hyperbolic relaxation problems. Communications in Mathematical Sciences, 2006, 4, 155-177.	0.5	11
96	A recursive Monte Carlo method for the Boltzmann equation in the Maxwellian case. Monte Carlo Methods and Applications, 2001, 7, .	0.3	10
97	Fast methods for the Boltzmann collision integral. Comptes Rendus Mathematique, 2004, 339, 71-76.	0.1	10
98	Dissipative hydrodynamic models for the diffusion of impurities in a gas. Applied Mathematics Letters, 2006, 19, 516-521.	1.5	10
99	A precise computation of stress intensity factor on the front of a convex planar crack. International Journal for Numerical Methods in Engineering, 2002, 54, 241-261.	1.5	9
100	Asymptotic-Preserving Exponential Methods for the Quantum Boltzmann Equation with High-Order Accuracy. Journal of Scientific Computing, 2015, 62, 555-574.	1.1	9
101	Towards a Hybrid Monte Carlo Method for Rarefied Gas Dynamics. The IMA Volumes in Mathematics and Its Applications, 2004, , 57-73.	0.5	9
102	Asymptotic-Preserving (Ap) Schemes for Multiscale Kinetic Equations: a Unified Approach. , 2001, , 573-582.		9
103	Binary Interaction Methods for High Dimensional Global Optimization and Machine Learning. Applied Mathematics and Optimization, 2022, 86, .	0.8	9
104	Uniformly accurate schemes for relaxation approximations to fluid dynamic equations. Applied Mathematics Letters, 2003, 16, 1123-1127.	1.5	8
105	Uncertainty Quantification for the BGK Model of the Boltzmann Equation Using Multilevel Variance Reduced Monte Carlo Methods. SIAM-ASA Journal on Uncertainty Quantification, 2021, 9, 650-680.	1.1	8
106	An Introduction to Uncertainty Quantification for Kinetic Equations and Related Problems. SEMA SIMAI Springer Series, 2021, , 141-181.	0.4	8
107	Spreading of fake news, competence and learning: kinetic modelling and numerical approximation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, 20210159.	1.6	8
108	Hybrid Multiscale Methods for Hyperbolic and Kinetic Problems. ESAIM: Proceedings and Surveys, 2005, 15, 87-120.	0.4	7

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109	High Order Asymptotically Strong-Stability-Preserving Methods for Hyperbolic Systems with Stiff Relaxation. , 2003, , 241-251.		7
110	Plane Couette Flow Computations by TRMC and MFS Methods. AIP Conference Proceedings, 2005, , .	0.3	6
111	On the Optimal Control of Opinion Dynamics on Evolving Networks. IFIP Advances in Information and Communication Technology, 2016, , 58-67.	0.5	6
112	Linear multistep methods for optimal control problems and applications to hyperbolic relaxation systems. Applied Mathematics and Computation, 2019, 354, 460-477.	1.4	6
113	Effects of Vaccination Efficacy on Wealth Distribution in Kinetic Epidemic Models. Entropy, 2022, 24, 216.	1.1	6
114	Bi-fidelity stochastic collocation methods for epidemic transport models with uncertainties. Networks and Heterogeneous Media, 2022, 17, 401.	0.5	6
115	Central schemes for hydrodynamical limits of discrete-velocity kinetic models. Transport Theory and Statistical Physics, 2000, 29, 465-477.	0.4	5
116	Lattice-Boltzmann type relaxation systems and high order relaxation schemes for the incompressible Navier-Stokes equations. Mathematics of Computation, 2007, 77, 943-966.	1.1	5
117	On the stability of equilibrium preserving spectral methods for the homogeneous Boltzmann equation. Applied Mathematics Letters, 2021, 120, 107187.	1.5	5
118	A New Monte Carlo Approach for Conservation Laws and Relaxation Systems. Lecture Notes in Computer Science, 2004, , 276-283.	1.0	5
119	Modelling and numerical methods for the dynamics of impurities in a gas. International Journal for Numerical Methods in Fluids, 2008, 57, 693-713.	0.9	4
120	Adaptive and Recursive Time Relaxed Monte Carlo Methods for Rarefied Gas Dynamics. SIAM Journal of Scientific Computing, 2009, 31, 1379-1398.	1.3	4
121	A High Order Stochastic Asymptotic Preserving Scheme for Chemotaxis Kinetic Models with Random Inputs. Multiscale Modeling and Simulation, 2018, 16, 1884-1915.	0.6	4
122	Structure Preserving Schemes for Mean-Field Equations of Collective Behavior. Springer Proceedings in Mathematics and Statistics, 2018, , 405-421.	0.1	4
123	Numerical Methods for the Optimal Control of Scalar Conservation Laws. International Federation for Information Processing, 2013, , 136-144.	0.4	4
124	ON A BOUNDARY VALUE PROBLEM FOR THE PLANE BROADWELL MODEL: EXACT SOLUTIONS AND NUMERICAL SIMULATION. Mathematical Models and Methods in Applied Sciences, 1995, 05, 253-266.	1.7	3
125	A kinetic approximation of Heleâ€“Shaw flow. Comptes Rendus Mathematique, 2004, 338, 177-182.	0.1	3
126	Microscopic and kinetic models in financial markets. Modeling and Simulation in Science, Engineering and Technology, 2010, , 51-80.	0.4	3

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127	Asymptotic preserving time-discretization of optimal control problems for the Goldstein-Taylor model. Numerical Methods for Partial Differential Equations, 2014, 30, 1770-1784.	2.0	3
128	Modelling and numerical methods for granular gases. Modeling and Simulation in Science, Engineering and Technology, 2004, , 259-285.	0.4	3
129	Hyperbolic Relaxation Approximation to Nonlinear Parabolic Problems. , 1999, , 747-756.		3
130	Portfolio optimization and model predictive control: A kinetic approach. Discrete and Continuous Dynamical Systems - Series B, 2019, 24, 6209-6238.	0.5	3
131	A bi-fidelity stochastic collocation method for transport equations with diffusive scaling and multi-dimensional random inputs. Journal of Computational Physics, 2022, 462, 111252.	1.9	3
132	Parallel integration of hydrodynamical approximations of the Boltzmann equation for rarefied gases on a cluster of computers. Journal of Computational Methods in Sciences and Engineering, 2004, 4, 33-41.	0.1	2
133	Domain Decomposition Techniques and Hybrid Multiscale Methods for Kinetic Equations. , 2008, , 457-464.		2
134	IMEX Runge-Kutta Schemes and Hyperbolic Systems of Conservation Laws with Stiff Diffusive Relaxation. , 2009, , .		2
135	An hybrid method for the Boltzmann equation. AIP Conference Proceedings, 2016, , .	0.3	2
136	High Order Semi-implicit Multistep Methods for Time-Dependent Partial Differential Equations. Communications on Applied Mathematics and Computation, 0, , 1.	0.7	2
137	Mean field models for large data clustering problems. Networks and Heterogeneous Media, 2020, 15, 463-487.	0.5	2
138	On the Construction of Conservative Semi-Lagrangian IMEX Advection Schemes for Multiscale Time Dependent PDEs. Journal of Scientific Computing, 2022, 90, 1.	1.1	2
139	On stationary solutions to plane Broadwell model. Transport Theory and Statistical Physics, 1995, 24, 289-304.	0.4	1
140	Convergence of a quadrature formula for the approximation of stress intensity factor for planar cracks. Applied Mathematics and Computation, 2004, 158, 597-617.	1.4	1
141	Comparison between Time Relaxed Monte Carlo Method and Majorant Frequency Scheme methods for the space homogeneous Boltzmann equation. AIP Conference Proceedings, 2005, , .	0.3	1
142	A Hybrid Method that Interpolates Between DSMC and CFD. , 2006, , .		1
143	Control Strategies for the Dynamics of Large Particle Systems. Modeling and Simulation in Science, Engineering and Technology, 2019, , 149-171.	0.4	1
144	Nonlinear evolution of probability vectors of interest in discrete kinetic theory. Nonlinear Dynamics, 1994, 5, 375-391.	2.7	0

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145	A remark on the finite number of particles effect in Monte Carlo methods for kinetic equations. Proceedings in Applied Mathematics and Mechanics, 2007, 7, 1041003-1041004.	0.2	0
146	Kinetic Equations: Computation. , 2015, , 759-763.		0
147	Reprint of: Residual equilibrium schemes for time dependent partial differential equations. Computers and Fluids, 2018, 169, 141-154.	1.3	0
148	Relaxation approximation of optimal control problems and applications to traffic flow models. AIP Conference Proceedings, 2018, , .	0.3	0
149	Preface to Focused Section on Efficient High-Order Time Discretization Methods for Partial Differential Equations. Communications on Applied Mathematics and Computation, 2021, 3, 605-605.	0.7	0
150	Special issue on mathematical models for collective dynamics. Networks and Heterogeneous Media, 2020, 15, â...°-â...°.	0.5	0