

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
all docs

155
docs citations

155
times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Vaccination Efficacy on Wealth Distribution in Kinetic Epidemic Models. <i>Entropy</i> , 2022, 24, 216.	1.1	6
2	On the Construction of Conservative Semi-Lagrangian IMEX Advection Schemes for Multiscale Time Dependent PDEs. <i>Journal of Scientific Computing</i> , 2022, 90, 1.	1.1	2
3	Bi-fidelity stochastic collocation methods for epidemic transport models with uncertainties. <i>Networks and Heterogeneous Media</i> , 2022, 17, 401.	0.5	6
4	Spreading of fake news, competence and learning: kinetic modelling and numerical approximation. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20210159.	1.6	8
5	A bi-fidelity stochastic collocation method for transport equations with diffusive scaling and multi-dimensional random inputs. <i>Journal of Computational Physics</i> , 2022, 462, 111252.	1.9	3
6	Binary Interaction Methods for High Dimensional Global Optimization and Machine Learning. <i>Applied Mathematics and Optimization</i> , 2022, 86, .	0.8	9
7	Uncertainty Quantification for the BGK Model of the Boltzmann Equation Using Multilevel Variance Reduced Monte Carlo Methods. <i>SIAM-ASA Journal on Uncertainty Quantification</i> , 2021, 9, 650-680.	1.1	8
8	Modelling lockdown measures in epidemic outbreaks using selective socio-economic containment with uncertainty. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 7161-7190.	1.0	11
9	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
10	An Introduction to Uncertainty Quantification for Kinetic Equations and Related Problems. <i>SEMA SIMAI Springer Series</i> , 2021, , 141-181.	0.4	8
11	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
12	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
13	Uncertainty quantification of viscoelastic parameters in arterial hemodynamics with the a-FSI blood flow model. <i>Journal of Computational Physics</i> , 2021, 430, 110102.	1.9	11
14	Control with uncertain data of socially structured compartmental epidemic models. <i>Journal of Mathematical Biology</i> , 2021, 82, 63.	0.8	31
15	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
16	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
17	Preface to Focused Section on Efficient High-Order Time Discretization Methods for Partial Differential Equations. <i>Communications on Applied Mathematics and Computation</i> , 2021, 3, 605-605.	0.7	0
18	On the stability of equilibrium preserving spectral methods for the homogeneous Boltzmann equation. <i>Applied Mathematics Letters</i> , 2021, 120, 107187.	1.5	5

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19	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
20	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
21	Wealth distribution under the spread of infectious diseases. <i>Physical Review E</i> , 2020, 102, 022303.	0.8	42
22	Implicit-Explicit Multistep Methods for Hyperbolic Systems With Multiscale Relaxation. <i>SIAM Journal of Scientific Computing</i> , 2020, 42, A2402-A2435.	1.3	12
23	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
24	Mathematical Models and Methods for Crowd Dynamics Control. <i>Modeling and Simulation in Science, Engineering and Technology</i> , 2020, , 159-197.	0.4	14
25	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
26	Mean field models for large data clustering problems. <i>Networks and Heterogeneous Media</i> , 2020, 15, 463-487.	0.5	2
27	Special issue on mathematical models for collective dynamics. <i>Networks and Heterogeneous Media</i> , 2020, 15, .	0.5	0
28	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
29	Hydrodynamic Models of Preference Formation in Multi-agent Societies. <i>Journal of Nonlinear Science</i> , 2019, 29, 2761-2796.	1.0	16
30	Multi-scale control variate methods for uncertainty quantification in kinetic equations. <i>Journal of Computational Physics</i> , 2019, 388, 63-89.	1.9	20
31	Linear multistep methods for optimal control problems and applications to hyperbolic relaxation systems. <i>Applied Mathematics and Computation</i> , 2019, 354, 460-477.	1.4	6
32	Boltzmann Games in Heterogeneous Consensus Dynamics. <i>Journal of Statistical Physics</i> , 2019, 175, 97-125.	0.5	11
33	Structure preserving schemes for the continuum Kuramoto model: Phase transitions. <i>Journal of Computational Physics</i> , 2019, 376, 365-389.	1.9	12
34	Particle Based gPC Methods for Mean-Field Models of Swarming with Uncertainty. <i>Communications in Computational Physics</i> , 2019, 25, .	0.7	31
35	Portfolio optimization and model predictive control: A kinetic approach. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2019, 24, 6209-6238.	0.5	3
36	Control Strategies for the Dynamics of Large Particle Systems. <i>Modeling and Simulation in Science, Engineering and Technology</i> , 2019, , 149-171.	0.4	1

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Reprint of: Residual equilibrium schemes for time dependent partial differential equations. <i>Computers and Fluids</i> , 2018, 169, 141-154.	1.3	0
40	Structure Preserving Schemes for Nonlinear Fokker-Planck Equations and Applications. <i>Journal of Scientific Computing</i> , 2018, 74, 1575-1600.	1.1	53
41	Kinetic models for optimal control of wealth inequalities. <i>European Physical Journal B</i> , 2018, 91, 1.	0.6	30
42	A High Order Stochastic Asymptotic Preserving Scheme for Chemotaxis Kinetic Models with Random Inputs. <i>Multiscale Modeling and Simulation</i> , 2018, 16, 1884-1915.	0.6	4
43	Structure Preserving Schemes for Mean-Field Equations of Collective Behavior. <i>Springer Proceedings in Mathematics and Statistics</i> , 2018, , 405-421.	0.1	4
44	Relaxation approximation of optimal control problems and applications to traffic flow models. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	0
45	Selective model-predictive control for flocking systems. <i>Communications in Applied and Industrial Mathematics</i> , 2018, 9, 4-21.	0.6	12
46	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
47	Implicit-Explicit Linear Multistep Methods for Stiff Kinetic Equations. <i>SIAM Journal on Numerical Analysis</i> , 2017, 55, 664-690.	1.1	25
48	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
49	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
50	Residual equilibrium schemes for time dependent partial differential equations. <i>Computers and Fluids</i> , 2017, 156, 329-342.	1.3	14
51	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
52	Uncertainty Quantification for Kinetic Models in Socio-Economic and Life Sciences. <i>SEMA SIMAI Springer Series</i> , 2017, , 151-191.	0.4	12
53	Opinion dynamics over complex networks: Kinetic modelling and numerical methods. <i>Kinetic and Related Models</i> , 2017, 10, 1-32.	0.5	47
54	On the Optimal Control of Opinion Dynamics on Evolving Networks. <i>IFIP Advances in Information and Communication Technology</i> , 2016, , 58-67.	0.5	6

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55	An hybrid method for the Boltzmann equation. AIP Conference Proceedings, 2016, , .	0.3	2
56	Kinetic Equations: Computation. , 2015, , 759-763.		0
57	Uncertainty Quantification in Control Problems for Flocking Models. Mathematical Problems in Engineering, 2015, 2015, 1-14.	0.6	40
58	Numerical methods for plasma physics in collisional regimes. Journal of Plasma Physics, 2015, 81, .	0.7	19
59	On steady-state preserving spectral methods for homogeneous Boltzmann equations. Comptes Rendus Mathematique, 2015, 353, 309-314.	0.1	18
60	Asymptotic-Preserving Exponential Methods for the Quantum Boltzmann Equation with High-Order Accuracy. Journal of Scientific Computing, 2015, 62, 555-574.	1.1	9
61	Mean-field control and Riccati equations. Networks and Heterogeneous Media, 2015, 10, 699-715.	0.5	23
62	Kinetic description of optimal control problems and applications to opinion consensus. Communications in Mathematical Sciences, 2015, 13, 1407-1429.	0.5	66
63	Implicit-Explicit Runge-Kutta Schemes for the Boltzmann-Poisson System for Semiconductors. Communications in Computational Physics, 2014, 15, 1291-1319.	0.7	13
64	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
65	Exponential Runge-Kutta for the inhomogeneous Boltzmann equations with high order of accuracy. Journal of Computational Physics, 2014, 259, 402-420.	1.9	30
66	Numerical methods for kinetic equations. Acta Numerica, 2014, 23, 369-520.	6.3	253
67	Wealth distribution and collective knowledge: a Boltzmann approach. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20130396.	1.6	50
68	Boltzmann-type control of opinion consensus through leaders. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20140138.	1.6	74
69	Asymptotic Preserving Implicit-Explicit Runge-Kutta Methods for Nonlinear Kinetic Equations. SIAM Journal on Numerical Analysis, 2013, 51, 1064-1087.	1.1	84
70	Modeling of self-organized systems interacting with a few individuals: From microscopic to macroscopic dynamics. Applied Mathematics Letters, 2013, 26, 397-401.	1.5	45
71	Implicit-Explicit Runge-Kutta Schemes for Hyperbolic Systems and Kinetic Equations in the Diffusion Limit. SIAM Journal of Scientific Computing, 2013, 35, A22-A51.	1.3	113
72	Convolutional decomposition and fast summation methods for discrete-velocity approximations of the Boltzmann equation. ESAIM: Mathematical Modelling and Numerical Analysis, 2013, 47, 1515-1531.	0.8	20

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73	Binary Interaction Algorithms for the Simulation of Flocking and Swarming Dynamics. Multiscale Modeling and Simulation, 2013, 11, 1-29.	0.6	58
74	Implicit-Explicit Runge-Kutta Schemes for Numerical Discretization of Optimal Control Problems. SIAM Journal on Numerical Analysis, 2013, 51, 1875-1899.	1.1	15
75	Numerical Methods for the Optimal Control of Scalar Conservation Laws. International Federation for Information Processing, 2013, , 136-144.	0.4	4
76	High order asymptotic-preserving schemes for the Boltzmann equation. Comptes Rendus Mathematique, 2012, 350, 481-486.	0.1	27
77	Mean field mutation dynamics and the continuous Luria-Delebré distribution. Mathematical Biosciences, 2012, 240, 223-230.	0.9	11
78	Kinetic models for socio-economic dynamics of speculative markets. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 715-730.	1.2	55
79	Exponential Runge-Kutta Methods for Stiff Kinetic Equations. SIAM Journal on Numerical Analysis, 2011, 49, 2057-2077.	1.1	80
80	The moment-guided Monte Carlo method. International Journal for Numerical Methods in Fluids, 2011, 67, 189-213.	0.9	57
81	On a continuous mixed strategies model for evolutionary game theory. Kinetic and Related Models, 2011, 4, 187-213.	0.5	13
82	Microscopic and kinetic models in financial markets. Modeling and Simulation in Science, Engineering and Technology, 2010, , 51-80.	0.4	3
83	Mathematical Modeling of Collective Behavior in Socio-Economic and Life Sciences. Modeling and Simulation in Science, Engineering and Technology, 2010, , .	0.4	87
84	Fluid Solver Independent Hybrid Methods for Multiscale Kinetic Equations. SIAM Journal of Scientific Computing, 2010, 32, 603-634.	1.3	36
85	Fokker-Planck asymptotics for traffic flow models. Kinetic and Related Models, 2010, 3, 165-179.	0.5	32
86	IMEX Runge-Kutta Schemes and Hyperbolic Systems of Conservation Laws with Stiff Diffusive Relaxation. , 2009, , .		2
87	Mesoscopic Modelling of Financial Markets. Journal of Statistical Physics, 2009, 134, 161-184.	0.5	42
88	Adaptive and Recursive Time Relaxed Monte Carlo Methods for Rarefied Gas Dynamics. SIAM Journal of Scientific Computing, 2009, 31, 1379-1398.	1.3	4
89	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
90	Hybrid Multiscale Methods II. Kinetic Equations. Multiscale Modeling and Simulation, 2008, 6, 1169-1197.	0.6	49

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91	Domain Decomposition Techniques and Hybrid Multiscale Methods for Kinetic Equations. , 2008, , 457-464.		2
92	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
93	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
94	Enskog-like discrete velocity models for vehicular traffic flow. Networks and Heterogeneous Media, 2007, 2, 481-496.	0.5	13
95	A Hybrid Method that Interpolates Between DSMC and CFD. , 2006, , .		1
96	Discrete Velocity Models and Relaxation Schemes for Traffic Flows. SIAM Journal of Scientific Computing, 2006, 28, 1582-1596.	1.3	14
97	Fast algorithms for computing the Boltzmann collision operator. Mathematics of Computation, 2006, 75, 1833-1852.	1.1	128
98	Dissipative hydrodynamic models for the diffusion of impurities in a gas. Applied Mathematics Letters, 2006, 19, 516-521.	1.5	10
99	Self-Similarity and Power-Like Tails in Nonconservative Kinetic Models. Journal of Statistical Physics, 2006, 124, 747-779.	0.5	51
100	Solving the Boltzmann Equation in $N \log 2N$. SIAM Journal of Scientific Computing, 2006, 28, 1029-1053.	1.3	82
101	Hybrid multiscale methods for hyperbolic problems I. Hyperbolic relaxation problems. Communications in Mathematical Sciences, 2006, 4, 155-177.	0.5	11
102	Accurate numerical methods for the collisional motion of (heated) granular flows. Journal of Computational Physics, 2005, 202, 216-235.	1.9	16
103	Numerical solution of the Boltzmann equation by time relaxed Monte Carlo (TRMC) methods. International Journal for Numerical Methods in Fluids, 2005, 48, 947-983.	0.9	35
104	Fast conservative and entropic numerical methods for the Boson Boltzmann equation. Numerische Mathematik, 2005, 99, 509-532.	0.9	17
105	Implicit-explicit runge-kutta schemes and applications to hyperbolic systems with relaxation. Journal of Scientific Computing, 2005, 25, 129-155.	1.1	27
106	Implicit-Explicit Runge-Kutta Schemes and Applications to Hyperbolic Systems with Relaxation. Journal of Scientific Computing, 2005, 25, 129-155.	1.1	369
107	On a Kinetic Model for a Simple Market Economy. Journal of Statistical Physics, 2005, 120, 253-277.	0.5	172
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	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
110	Plane Couette Flow Computations by TRMC and MFS Methods. AIP Conference Proceedings, 2005, , .	0.3	6
111	Central Runge-Kutta Schemes for Conservation Laws. SIAM Journal of Scientific Computing, 2005, 26, 979-999.	1.3	27
112	General Kinetic Models for Vehicular Traffic Flows and Monte-Carlo Methods. Computational Methods in Applied Mathematics, 2005, 5, 155-169.	0.4	11
113	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
114	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
115	A kinetic approximation of Hele-Shaw flow. Comptes Rendus Mathematique, 2004, 338, 177-182.	0.1	3
116	Fast methods for the Boltzmann collision integral. Comptes Rendus Mathematique, 2004, 339, 71-76.	0.1	10
117	Compressible and incompressible limits for hyperbolic systems with relaxation. Journal of Computational and Applied Mathematics, 2004, 168, 41-52.	1.1	12
118	Modelling and numerical methods for granular gases. Modeling and Simulation in Science, Engineering and Technology, 2004, , 259-285.	0.4	3
119	Towards a Hybrid Monte Carlo Method for Rarefied Gas Dynamics. The IMA Volumes in Mathematics and Its Applications, 2004, , 57-73.	0.5	9
120	A New Monte Carlo Approach for Conservation Laws and Relaxation Systems. Lecture Notes in Computer Science, 2004, , 276-283.	1.0	5
121	Spectral methods for the non cut-off Boltzmann equation and numerical grazing collision limit. Numerische Mathematik, 2003, 93, 527-548.	0.9	28
122	Uniformly accurate schemes for relaxation approximations to fluid dynamic equations. Applied Mathematics Letters, 2003, 16, 1123-1127.	1.5	8
123	Spectral methods for one-dimensional kinetic models of granular flows and numerical quasi elastic limit. ESAIM: Mathematical Modelling and Numerical Analysis, 2003, 37, 73-90.	0.8	15
124	High Order Asymptotically Strong-Stability-Preserving Methods for Hyperbolic Systems with Stiff Relaxation. , 2003, , 241-251.		7
125	A Numerical Method for the Accurate Solution of the Fokker-Planck-Landau Equation in the Nonhomogeneous Case. Journal of Computational Physics, 2002, 179, 1-26.	1.9	88
126	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

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127	A Relaxation Scheme for Solving the Boltzmann Equation Based on the Chapman-Enskog Expansion. Acta Mathematicae Applicatae Sinica, 2002, 18, 37-62.	0.4	23
128	Time Relaxed Monte Carlo Methods for the Boltzmann Equation. SIAM Journal of Scientific Computing, 2001, 23, 1253-1273.	1.3	74
129	Central Differencing Based Numerical Schemes for Hyperbolic Conservation Laws with Relaxation Terms. SIAM Journal on Numerical Analysis, 2001, 39, 1395-1417.	1.1	36
130	An introduction to Monte Carlo method for the Boltzmann equation. ESAIM: Proceedings and Surveys, 2001, 10, 35-75.	0.4	65
131	A recursive Monte Carlo method for the Boltzmann equation in the Maxwellian case. Monte Carlo Methods and Applications, 2001, 7, .	0.3	10
132	Asymptotic-Preserving (Ap) Schemes for Multiscale Kinetic Equations: a Unified Approach. , 2001, , 573-582.		9
133	Asymptotic preserving Monte Carlo methods for the Boltzmann equation. Transport Theory and Statistical Physics, 2000, 29, 415-430.	0.4	38
134	Central schemes for hydrodynamical limits of discrete-velocity kinetic models. Transport Theory and Statistical Physics, 2000, 29, 465-477.	0.4	5
135	Discretization of the Multiscale Semiconductor Boltzmann Equation by Diffusive Relaxation Schemes. Journal of Computational Physics, 2000, 161, 312-330.	1.9	44
136	Fast Spectral Methods for the Fokker-Planck-Landau Collision Operator. Journal of Computational Physics, 2000, 165, 216-236.	1.9	82
137	On the stability of spectral methods for the homogeneous Boltzmann equation. Transport Theory and Statistical Physics, 2000, 29, 431-447.	0.4	29
138	Numerical Solution of the Boltzmann Equation I: Spectrally Accurate Approximation of the Collision Operator. SIAM Journal on Numerical Analysis, 2000, 37, 1217-1245.	1.1	148
139	Uniformly Accurate Diffusive Relaxation Schemes for Multiscale Transport Equations. SIAM Journal on Numerical Analysis, 2000, 38, 913-936.	1.1	152
140	Numerical Schemes for Hyperbolic Systems of Conservation Laws with Stiff Diffusive Relaxation. SIAM Journal on Numerical Analysis, 2000, 37, 1246-1270.	1.1	133
141	An Implicit Monte Carlo Method for Rarefied Gas Dynamics. Journal of Computational Physics, 1999, 154, 90-116.	1.9	58
142	Hyperbolic Relaxation Approximation to Nonlinear Parabolic Problems. , 1999, , 747-756.		3
143	Numerical schemes for kinetic equations in diffusive regimes. Applied Mathematics Letters, 1998, 11, 29-35.	1.5	42
144	Diffusive Relaxation Schemes for Multiscale Discrete-Velocity Kinetic Equations. SIAM Journal on Numerical Analysis, 1998, 35, 2405-2439.	1.1	140

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145	Relaxation Schemes for Nonlinear Kinetic Equations. SIAM Journal on Numerical Analysis, 1997, 34, 2168-2194.	1.1	90
146	A Fourier spectral method for homogeneous boltzmann equations. Transport Theory and Statistical Physics, 1996, 25, 369-382.	0.4	98
147	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
148	On stationary solutions to plane Broadwell model. Transport Theory and Statistical Physics, 1995, 24, 289-304.	0.4	1
149	Nonlinear evolution of probability vectors of interest in discrete kinetic theory. Nonlinear Dynamics, 1994, 5, 375-391.	2.7	0
150	High Order Semi-implicit Multistep Methods for Time-Dependent Partial Differential Equations. Communications on Applied Mathematics and Computation, 0, , 1.	0.7	2