

# Philipp Maass

## List of Publications by Year in descending order

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159  
papers

5,489  
citations

116194

36  
h-index

104191

69  
g-index

161  
all docs

161  
docs citations

161  
times ranked

3928  
citing authors

#	ARTICLE	IF	CITATIONS
1	(Invited) Second-Layer Growth Kinetics As a Decisive Factor for Non-Equilibrium Thin-Film Morphologies. ECS Meeting Abstracts, 2022, MA2022-01, 1140-1140.	0.0	0
2	Network-Forming Units, Energy Landscapes, and Conductivity Activation Energies in Alkali Borophosphate Glasses: Analytical Approaches. Journal of Physical Chemistry C, 2021, 125, 6260-6268.	1.5	2
3	Molecular Stripe Patterns on Surfaces in the Presence of Long-Range Repulsive Electrostatic Interactions: Monte Carlo Simulations and Mean-Field Theory. Journal of Physical Chemistry C, 2021, 125, 20650-20657.	1.5	1
4	Driven transport of soft Brownian particles through pore-like structures: Effective size method. Journal of Chemical Physics, 2021, 155, 184102.	1.2	6
5	Emergent colloidal currents across ordered and disordered landscapes. Communications Physics, 2021, 4, .	2.0	7
6	Hydrodynamic Interactions Can Induce Jamming in Flow-Driven Systems. Physical Review Letters, 2021, 127, 214501.	2.9	5
7	Predicting conductivities of alkali borophosphate glasses based on site energy distributions derived from network former unit concentrations. Zeitschrift Fur Physikalische Chemie, 2021, .	1.4	1
8	Molecular Self-Assembly: Quantifying the Balance between Intermolecular Attraction and Repulsion from Distance and Length Distributions. Journal of Physical Chemistry C, 2020, 124, 21583-21590.	1.5	1
9	Cycle Completion Times Probe Interactions with Environment. Journal of Physical Chemistry Letters, 2020, 11, 6887-6891.	2.1	3
10	Statistics of work performed by optical tweezers with general time-variation of their stiffness. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 275001.	0.7	6
11	Nonequilibrium Transport and Phase Transitions in Driven Diffusion of Interacting Particles. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2020, 75, 449-463.	0.7	4
12	Complex oscillation modes in the Belousov-Zhabotinsky reaction by weak diffusive coupling. Physical Review E, 2019, 99, 022202.	0.8	4
13	Wind Speed Modeling by Nested ARIMA Processes. Energies, 2019, 12, 69.	1.6	39
14	Counterintuitive Short Uphill Transitions in Single-File Diffusion. Journal of Physical Chemistry C, 2019, 123, 5714-5720.	1.5	13
15	Single-file transport in periodic potentials: The Brownian asymmetric simple exclusion process. Physical Review E, 2019, 100, 052121.	0.8	13
16	Bridging between load-flow and Kuramoto-like power grid models: A flexible approach to integrating electrical storage units. Chaos, 2019, 29, 103151.	1.0	10
17	Heterogeneities in electricity grids strongly enhance non-Gaussian features of frequency fluctuations under stochastic power input. Chaos, 2019, 29, 103149.	1.0	20
18	Density profiles of a self-gravitating lattice gas in one, two, and three dimensions. Physical Review E, 2018, 97, 042131.	0.8	6

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19	Power grid stability under perturbation of single nodes: Effects of heterogeneity and internal nodes. Chaos, 2018, 28, 103120.	1.0	23
20	Brownian Asymmetric Simple Exclusion Process. Physical Review Letters, 2018, 121, 160601.	2.9	24
21	Stress-stress fluctuation formula for elastic constants in the $\langle \mathbf{m} \mathbf{m}^T \rangle$ ensemble. Physical Review E, 2018, 97, 053002.	0.8	4
22	Modeling specific action potentials in the human atria based on a minimal single-cell model. PLoS ONE, 2018, 13, e0190448.	1.1	2
23	Anatomical and spiral wave reentry in a simplified model for atrial electrophysiology. Journal of Theoretical Biology, 2017, 419, 100-107.	0.8	8
24	Resilience of electricity grids against transmission line overloads under wind power injection at different nodes. Scientific Reports, 2017, 7, 11562.	1.6	20
25	Growth kinetics of racemic heptahelicene-2-carboxylic acid nanowires on calcite (104). Journal of Chemical Physics, 2016, 145, 134702.	1.2	3
26	Phase transitions and optimal transport in stochastic roundabout traffic. Physical Review E, 2016, 94, 012304.	0.8	29
27	Long-Range Order Induced by Intrinsic Repulsion on an Insulating Substrate. Journal of Physical Chemistry C, 2015, 119, 24927-24931.	1.5	12
28	Monodisperse hard rods in external potentials. Physical Review E, 2015, 92, 042112.	0.8	7
29	Asymptotics of work distribution for a Brownian particle in a time-dependent anharmonic potential. Physica Scripta, 2015, T165, 014024.	1.2	7
30	Structural Origin of the Mixed Glass Former Effect in Sodium Borophosphate Glasses Investigated with Neutron Diffraction and Reverse Monte Carlo Modeling. Journal of Physical Chemistry C, 2015, 119, 27275-27284.	1.5	12
31	On asymptotic behavior of work distributions for driven Brownian motion. European Physical Journal B, 2015, 88, 1.	0.6	4
32	Determination of diffusion tensors from oscillating and circulating scanning probe tips. Europhysics Letters, 2015, 110, 66003.	0.7	0
33	Initiation of atrial fibrillation by interaction of pacemakers with geometrical constraints. Journal of Theoretical Biology, 2015, 366, 13-23.	0.8	6
34	Unfolding kinetics of periodic DNA hairpins. Journal of Physics Condensed Matter, 2014, 26, 205102.	0.7	1
35	Self-consistent rate theory for submonolayer surface growth of multicomponent systems. Physical Review B, 2014, 90, .	1.1	4
36	Phase Transitions in Brownian Pumps. Physical Review Letters, 2014, 112, 150601.	2.9	9

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37	Statistically interacting vacancy particles. <i>Physical Review E</i> , 2014, 89, 012137.	0.8	11
38	Diffusion Coefficients from Signal Fluctuations: Influence of Molecular Shape and Rotational Diffusion. <i>Journal of Physical Chemistry A</i> , 2014, 118, 2237-2243.	1.1	3
39	Collective particle transport in a peristaltic ratchet system. <i>Journal of Physics: Conference Series</i> , 2014, 490, 012184.	0.3	1
40	<i>Colloquium</i>: Cluster growth on surfaces: Densities, size distributions, and morphologies. <i>Reviews of Modern Physics</i> , 2013, 85, 921-939.	16.4	146
41	Determining molecule diffusion coefficients on surfaces from a locally fixed probe: Analysis of signal fluctuations. <i>Physical Review B</i> , 2013, 87, .	1.1	10
42	Enhanced Autoionization of Water at Phospholipid Interfaces. <i>Journal of Physical Chemistry C</i> , 2013, 117, 510-514.	1.5	13
43	One-dimensional transport of interacting particles: Currents, density profiles, phase diagrams, and symmetries. <i>Physical Review E</i> , 2013, 87, 062126.	0.8	37
44	Tuning Molecular Self-Assembly on Bulk Insulator Surfaces by Anchoring of the Organic Building Blocks. <i>Advanced Materials</i> , 2013, 25, 3948-3956.	11.1	66
45	Work distribution in a time-dependent logarithmic harmonic potential: exact results and asymptotic analysis. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 075002.	0.7	32
46	Irregular excitation patterns in reaction-diffusion systems due to perturbation by secondary pacemakers. <i>Physical Review E</i> , 2013, 87, 042904.	0.8	2
47	Interacting hard rods on a lattice: Distribution of microstates and density functionals. <i>Journal of Chemical Physics</i> , 2013, 139, 054113.	1.2	6
48	Exact density functional for hard-rod mixtures derived from Markov chain approach. <i>Physical Review E</i> , 2012, 85, 042107.	0.8	10
49	Diffusion and Cluster Growth of Binary Alloys on Surfaces. <i>Zeitschrift Fur Physikalische Chemie</i> , 2012, 226, 355-376.	1.4	0
50	Dynamics and energetics for a molecular zipper model under external driving. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012, 2012, P11009.	0.9	4
51	Interfacial Water Facilitates Energy Transfer by Inducing Extended Vibrations in Membrane Lipids. <i>Journal of Physical Chemistry B</i> , 2012, 116, 6455-6460.	1.2	15
52	Hydration strongly affects the molecular and electronic structure of membrane phospholipids. <i>Journal of Chemical Physics</i> , 2012, 136, 114709.	1.2	48
53	Investigation of the Structures of Sodium Borophosphate Glasses by Reverse Monte Carlo Modeling to Examine the Origins of the Mixed Glass Former Effect. <i>Journal of Physical Chemistry C</i> , 2012, 116, 1503-1511.	1.5	31
54	Coherent backscattering of electromagnetic waves in random media. <i>Europhysics Letters</i> , 2012, 98, 14005.	0.7	3

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55	Capture numbers and island size distributions in models of submonolayer surface growth. <i>Physical Review B</i> , 2012, 86, .	1.1	42
56	Classical Driven Transport in Open Systems with Particle Interactions and General Couplings to Reservoirs. <i>Physical Review Letters</i> , 2012, 108, 060603.	2.9	44
57	Network forming units in alkali borate and borophosphate glasses and the mixed glass former effect. <i>RSC Advances</i> , 2011, 1, 1370.	1.7	32
58	Time-dependent density functional theory for driven lattice gas systems with interactions. <i>Europhysics Letters</i> , 2011, 93, 50003.	0.7	23
59	Attempt time Monte Carlo: An alternative for simulation of stochastic jump processes with time-dependent transition rates. <i>Europhysics Letters</i> , 2011, 93, 40003.	0.7	18
60	Second-Layer Induced Island Morphologies in Thin-Film Growth of Fullerenes. <i>Physical Review Letters</i> , 2011, 107, 016101.	2.9	43
61	Folding and unfolding of a triple-branch DNA molecule with four conformational states. <i>Philosophical Magazine</i> , 2011, 91, 2049-2065.	0.7	13
62	Thermodynamics of two-stroke engine based on periodically driven two-level system. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2010, 42, 472-476.	1.3	6
63	Island size distributions in submonolayer growth: Prediction by mean field theory with coverage dependent capture numbers. <i>Physical Review B</i> , 2010, 82, .	1.1	20
64	Energetics and performance of a microscopic heat engine based on exact calculations of work and heat distributions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P03002.	0.9	18
65	Reverse Monte Carlo modeling of ion conducting network glasses: An evaluation based on molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 10444.	1.3	17
66	Nonlinear hopping transport in ring systems and open channels. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 645-654.	1.3	20
67	Mixed Barrier Model for the Mixed Glass Former Effect in Ion Conducting Glasses. <i>Physical Review Letters</i> , 2009, 102, 145902.	2.9	50
68	Work distributions for Ising chains in a time-dependent magnetic field. <i>Physical Review E</i> , 2009, 80, 020101.	0.8	16
69	Models for Ion Transport in Amorphous Materials: Recent Advances. <i>Zeitschrift Fur Physikalische Chemie</i> , 2009, 223, 1187-1200.	1.4	6
70	Constant dielectric loss in disordered ionic conductors: Theoretical aspects. <i>Solid State Ionics</i> , 2009, 180, 446-450.	1.3	10
71	Fundamental questions relating to ion conduction in disordered solids. <i>Reports on Progress in Physics</i> , 2009, 72, 046501.	8.1	360
72	Binding energies between unlike atoms determined from island densities. <i>Journal of Applied Physics</i> , 2009, 105, 054312.	1.1	12

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73	Dipolar interactions and constant dielectric loss spectra. European Physical Journal: Special Topics, 2008, 161, 79-96.	1.2	8
74	Stochastic theories and scaling relations for early-stage surface growth. European Physical Journal: Special Topics, 2008, 161, 151-165.	1.2	16
75	Aging in the shear-transformation-zone theory of plastic deformation. Physical Review E, 2008, 78, 056109.	0.8	4
76	Structure of glassy lithium sulfate films sputtered in nitrogen: Insight from Raman spectroscopy and <i>ab initio</i> calculations. Physical Review B, 2008, 77, .	1.1	8
77	Aging, Rejuvenation and Memory Effects in Systems far from Equilibrium. AIP Conference Proceedings, 2008, , .	0.3	0
78	Soft particle model for block copolymers. Journal of Chemical Physics, 2007, 127, 134905.	1.2	29
79	Modeling epitaxial growth of binary alloy nanostructures on a weakly interacting substrate. Physical Review B, 2007, 75, .	1.1	21
80	Scaling of Island Densities in Submonolayer Growth of Binary Alloys. Physical Review Letters, 2007, 99, 016106.	2.9	33
81	Comparison of ion sites and diffusion paths in glasses obtained by molecular dynamics simulations and bond valence analysis. Physical Review B, 2007, 75, .	1.1	37
82	Influence of external magnetic fields on the growth of alloy nanoclusters. Journal of Physics Condensed Matter, 2007, 19, 086227.	0.7	10
83	Simulation of MBE-growth of alloy nanoclusters in a magnetic field. Materials Science and Engineering C, 2007, 27, 1325-1327.	3.8	5
84	Exponential Distribution of Long Heart Beat Intervals During Atrial Fibrillation and Their Relevance for White Noise Behaviour in Power Spectrum. Journal of Biological Physics, 2007, 32, 383-392.	0.7	33
85	Ion diffusion and mechanical losses in mixed alkali glasses. Journal of Non-Crystalline Solids, 2006, 352, 5178-5187.	1.5	31
86	Kinetic growth of nanoclusters with perpendicular magnetic anisotropy. Europhysics Letters, 2006, 75, 167-173.	0.7	15
87	Nearly Constant Loss Spectra in Glasses: Dipolar Interaction Effects. AIP Conference Proceedings, 2006, , .	0.3	2
88	Statistical analysis of fluctuations in the ECG morphology. Physica A: Statistical Mechanics and Its Applications, 2005, 354, 415-431.	1.2	23
89	Internal Friction and Vulnerability of Mixed Alkali Glasses. Physical Review Letters, 2005, 95, 115901.	2.9	20
90	Quasicrystalline order in binary dipolar systems. European Physical Journal B, 2004, 42, 85-94.	0.6	7

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91	Static and Time Dependent Density Functional Theory with Internal Degrees of Freedom: Merits and Limitations Demonstrated for the Potts Model. Journal of Statistical Physics, 2004, 114, 1115-1125.	0.5	10
92	Dielectric Response in Strongly Disordered Materials: Analytic Approaches. Zeitschrift Fur Physikalische Chemie, 2004, 218, 1375-1384.	1.4	7
93	Description of far-from-equilibrium processes by mean-field lattice gas models. Advances in Physics, 2003, 52, 523-638.	35.9	85
94	Real space renormalization group approach to spin-glass dynamics. Physical Review B, 2003, 68, .	1.1	14
95	Spin precession in disordered systems: Anomalous relaxation due to heavy-tailed field distributions. Europhysics Letters, 2003, 62, 439-445.	0.7	4
96	Kinetics in one-dimensional lattice gas and Ising models from time-dependent density-functional theory. Physical Review E, 2002, 65, 066112.	0.8	7
97	Influence of adatom interactions on second-layer nucleation. Physical Review B, 2002, 66, .	1.1	4
98	Gaussian ellipsoid model for confined polymer systems. Journal of Chemical Physics, 2002, 117, 4564-4577.	1.2	8
99	Effective Medium Theory of Conduction in Stretched Polymer Electrolytes. Journal of Physical Chemistry B, 2002, 106, 6149-6155.	1.2	29
100	Approaching the low-temperature limit in nucleation and two-dimensional growth of fcc (100) metal films Ag/Ag(100). Physical Review B, 2002, 66, .	1.1	23
101	Dynamics of disordered dipolar systems. Physical Chemistry Chemical Physics, 2002, 4, 3168-3172.	1.3	19
102	Non-Debye relaxations in disordered ionic solids. Chemical Physics, 2002, 284, 439-467.	0.9	117
103	LÃ©vy field distributions and anomalous spin relaxation in disordered magnetic systems. Physica A: Statistical Mechanics and Its Applications, 2002, 314, 200-207.	1.2	8
104	STOCHASTIC MODELING OF ION DYNAMICS IN GLASSES. , 2002, , .		1
105	Equilibrium and non-equilibrium dynamics in random-energy landscapes. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2001, 81, 1249-1261.	0.6	5
106	Phase separation in confined geometries: Solving the Cahn-Hilliard equation with generic boundary conditions. Computer Physics Communications, 2001, 133, 139-157.	3.0	87
107	Soft ellipsoid model for Gaussian polymer chains. Journal of Chemical Physics, 2001, 114, 7655-7668.	1.2	54
108	Comment on "Determination of Interlayer Diffusion Parameters for Ag/Ag(111)". Physical Review Letters, 2001, 87, 149605.	2.9	7

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109	Comment on "Radial-Fluctuation-Induced Stabilization of the Ordered State in Two-Dimensional Classical Clusters" Physical Review Letters, 2001, 86, 4711-4711.	2.9	5
110	Hopping in the glass configuration space: Subaging and generalized scaling laws. Physical Review B, 2001, 64, .	1.1	48
111	Effective-Medium Approximation for Energy-Dependent Hopping on a Lattice. Physica Status Solidi (B): Basic Research, 2000, 218, 93-97.	0.7	4
112	Wall-Induced Density Profiles and Density Correlations in Confined Takahashi Lattice Gases. Journal of Statistical Physics, 2000, 99, 273-312.	0.5	16
113	Exact density functionals in one dimension. Journal of Physics A, 2000, 33, L41-L46.	1.6	21
114	Hopping transport in the presence of site-energy disorder: Temperature and concentration scaling of conductivity spectra. Physical Review B, 2000, 61, 6057-6062.	1.1	37
115	Multiple Scaling Regimes in Simple Aging Models. Physical Review Letters, 2000, 84, 5403-5406.	2.9	75
116	Density correlations in lattice gases in contact with a confining wall. Physical Review E, 2000, 61, 422-428.	0.8	8
117	Nucleation on top of islands in epitaxial growth. Physical Review B, 2000, 62, 8338-8359.	1.1	38
118	Influence of hydrodynamic interactions on the dynamics of long-range interacting colloidal particles. Europhysics Letters, 1999, 46, 537-541.	0.7	53
119	Hopping dynamics in random energy landscapes: An effective medium approach. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1999, 79, 1915-1922.	0.6	8
120	Second Layer Nucleation in Thin Film Growth. Physical Review Letters, 1999, 83, 3490-3493.	2.9	61
121	Percolation effects in mixed $\text{Al}^{2+}/\text{Al}^{3+}$ -alumina crystals. Physica A: Statistical Mechanics and Its Applications, 1999, 266, 197-202.	1.2	3
122	Random flights with quenched noise amplitudes. , 1999, , 61-76.		1
123	Towards a theory for the mixed alkali effect in glasses. Journal of Non-Crystalline Solids, 1999, 255, 35-46.	1.5	103
124	The dynamic structure model and the decoupling of secondary relaxations near the glass transition. Solid State Ionics, 1998, 105, 217-224.	1.3	5
125	Long flights with quenched noise amplitudes. Journal of Physics A, 1998, 31, 2603-2609.	1.6	22
126	Diverging time and length scales of spinodal decomposition modes in thin films. Europhysics Letters, 1998, 42, 49-54.	0.7	65



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127	Stochastic modelling of ion dynamics in complex systems: Dipolar effects. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1998, 77, 1283-1292.	0.6	34
128	Time-dependent density functional theory and the kinetics of lattice gas systems in contact with a wall. Journal of Chemical Physics, 1998, 108, 3028-3037.	1.2	46
129	A unified model for ion conduction in crystals of $\alpha$ - and $\beta$ -alumina structure. Journal of Chemical Physics, 1998, 109, 2316-2324.	1.2	8
130	Hopping in a rearranging structure. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1998, 77, 609-620.	0.6	1
131	Novel Surface Modes in Spinodal Decomposition. Physical Review Letters, 1997, 79, 893-896.	2.9	107
132	Random walk on a linear chain with a quenched distribution of jump lengths. Physical Review E, 1997, 55, 71-78.	0.8	5
133	Scaling behavior in economics: The problem of quantifying company growth. Physica A: Statistical Mechanics and Its Applications, 1997, 244, 1-24.	1.2	68
134	Anomalous fluctuations in the dynamics of complex systems: from DNA and physiology to econophysics. Physica A: Statistical Mechanics and Its Applications, 1996, 224, 302-321.	1.2	199
135	Scaling and universality in animate and inanimate systems. Physica A: Statistical Mechanics and Its Applications, 1996, 231, 20-48.	1.2	42
136	Scaling behaviour in the growth of companies. Nature, 1996, 379, 804-806.	13.7	637
137	Microscopic Explanation of the Non-Arrhenius Conductivity in Glassy Fast Ionic Conductors. Physical Review Letters, 1996, 77, 1528-1531.	2.9	82
138	Mixed Alkali Effect in Crystals of $\alpha$ - and $\beta$ -Alumina Structure. Physical Review Letters, 1996, 76, 2338-2341.	2.9	38
139	SCALING AND UNIVERSALITY IN LIVING SYSTEMS. Fractals, 1996, 04, 427-451.	1.8	12
140	CAN STATISTICAL PHYSICS CONTRIBUTE TO THE SCIENCE OF ECONOMICS?. Fractals, 1996, 04, 415-425.	1.8	37
141	Conductivity versus spin-lattice relaxation: Contrasting behavior in a correlated disordered structure. Journal of Chemical Physics, 1995, 103, 5776-5780.	1.2	9
142	Diffusion and Superdiffusion of a Particle in a Random Potential with Finite Correlation Time. Physical Review Letters, 1995, 74, 1895-1899.	2.9	18
143	Nonstandard relaxation behavior in ionically conducting materials. Physical Review B, 1995, 51, 8164-8177.	1.1	112
144	The dynamic structure model for ion transport in glasses. Journal of Non-Crystalline Solids, 1994, 172-174, 1222-1236.	1.5	288

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145	Conductivity and spin lattice relaxation in disordered ionic conductors. Journal of Non-Crystalline Solids, 1994, 172-174, 1292-1299.	1.5	13
146	Transport anomalies in glasses. Physica A: Statistical Mechanics and Its Applications, 1993, 200, 80-94.	1.2	17
147	A New Approach to Simulate the Morphology of Thin Films. Europhysics Letters, 1993, 24, 569-574.	0.7	3
148	Spin-lattice relaxation: Non-Bloembergen-Purcell-Pound behavior by structural disorder and Coulomb interactions. Physical Review Letters, 1993, 71, 573-576.	2.9	88
149	Ion transport anomalies in glasses. Physical Review Letters, 1992, 68, 3064-3067.	2.9	293
150	Anomalous ion transport in glasses. Physica A: Statistical Mechanics and Its Applications, 1992, 191, 415-425.	1.2	12
151	NMR relaxation in disordered systems. Physica A: Statistical Mechanics and Its Applications, 1992, 191, 433-437.	1.2	6
152	Non-Debye relaxation in structurally disordered ionic conductors: Effect of Coulomb interaction. Physical Review Letters, 1991, 66, 52-55.	2.9	239
153	Diffusion in disordered systems: non-Debye relaxation due to long-range interactions. Journal of Non-Crystalline Solids, 1991, 131-133, 1022-1027.	1.5	22
154	Mixed alkali effects in ionic conductors: a new model and computer simulations. Journal of Non-Crystalline Solids, 1991, 131-133, 1109-1112.	1.5	95
155	Frequency-Dependent Conductivity. Ionic Conductivity and Memory Effects in Glassy Electrolytes. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1991, 95, 1002-1006.	0.9	10
156	Diffusion Limited Percolation: A Model for Transport in Ionic Glasses. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1991, 95, 977-983.	0.9	24
157	Diffusion with memory: a model for mixed alkali effects in vitreous ionic conductors. Journal of Physics A, 1991, 24, L881-L886.	1.6	34
158	Transport of disordered structures: Effect of long range interactions. Solid State Ionics, 1990, 40-41, 187-191.	1.3	22
159	Optimized Adjustment of Single Action-potentials to Case-specific Atrial Physiology: Towards Clinical Implementation. , 0, , .		0