

# Marcel Ausloos

## List of Publications by Year in descending order

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631  
papers

35,525  
citations

36203

51  
h-index

4628

170  
g-index

649  
all docs

649  
docs citations

649  
times ranked

44454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1789-1858.	6.3	8,569
2	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1736-1788.	6.3	4,989
3	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1923-1994.	6.3	3,269
4	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1859-1922.	6.3	2,123
5	Alcohol use and burden for 195 countries and territories, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2018, 392, 1015-1035.	6.3	2,005
6	Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017. <i>JAMA Oncology</i> , 2019, 5, 1749.	3.4	1,691
7	Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life Years for 29 Cancer Groups From 2010 to 2019. <i>JAMA Oncology</i> , 2022, 8, 420.	3.4	719
8	Global, regional, and national age-sex-specific mortality and life expectancy, 1950â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1684-1735.	6.3	716
9	Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 2091-2138.	6.3	335
10	Population and fertility by age and sex for 195 countries and territories, 1950â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1995-2051.	6.3	294
11	Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995â€“2050. <i>Lancet, The</i> , 2019, 393, 2233-2260.	6.3	283
12	Absorption spectrum of clusters of spheres from the general solution of Maxwell's equations. II. Optical properties of aggregated metal spheres. <i>Physical Review B</i> , 1982, 25, 4204-4229.	1.1	204
13	Charge- and spin-density waves in existing superconductors: competition between Cooper pairing and Peierls or excitonic instabilities. <i>Physics Reports</i> , 2002, 367, 583-709.	10.3	188
14	Application of the detrended fluctuation analysis (DFA) method for describing cloud breaking. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 274, 349-354.	1.2	162
15	Thermodynamic fluctuations in the superconductor $YBa_2Cu_3O_{7-\delta}$ : Evidence for two-dimensional superconductivity. <i>Physical Review B</i> , 1988, 37, 611-614.	1.1	157
16	Coherent and random sequences in financial fluctuations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1997, 246, 454-459.	1.2	156
17	Charge- and spin-density-wave superconductors. <i>Superconductor Science and Technology</i> , 2001, 14, R1-R27.	1.8	150
18	Crossing of two mobile averages: A method for measuring the roughness exponent. <i>Physical Review E</i> , 1998, 58, 6832-6834.	0.8	142

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19	Statistical physics in foreign exchange currency and stock markets. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 285, 48-65.	1.2	142
20	Memory effects on epidemic evolution: The susceptible-infected-recovered epidemic model. <i>Physical Review E</i> , 2017, 95, 022409.	0.8	131
21	From RE-211 to RE-123. How to control the final microstructure of superconducting single-domains. <i>Superconductor Science and Technology</i> , 2005, 18, R9-R23.	1.8	123
22	Absorption spectrum of clusters of spheres from the general solution of Maxwell's equations. The long-wavelength limit. <i>Physical Review B</i> , 1980, 22, 4950-4959.	1.1	117
23	Multi-affine analysis of typical currency exchange rates. <i>European Physical Journal B</i> , 1998, 4, 257-261.	0.6	117
24	Dynamical model and nonextensive statistical mechanics of a market index on large time windows. <i>Physical Review E</i> , 2003, 68, 046122.	0.8	116
25	How the financial crash of October 1997 could have been predicted. <i>European Physical Journal B</i> , 1998, 4, 139-141.	0.6	109
26	The crash of October 1987 seen as a phase transition: amplitude and universality. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998, 255, 201-210.	1.2	106
27	Uncovering collective listening habits and music genres in bipartite networks. <i>Physical Review E</i> , 2005, 72, 066107.	0.8	104
28	Corporate governance and firms financial performance in the United Kingdom. <i>International Journal of Finance and Economics</i> , 2021, 26, 1871-1885.	1.9	104
29	Low q-moment multifractal analysis of Gold price, Dow Jones Industrial Average and BGL-USD exchange rate. <i>European Physical Journal B</i> , 1999, 8, 665-669.	0.6	99
30	Applications of statistical physics to economic and financial topics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 274, 229-240.	1.2	96
31	Majority model on a network with communities. <i>Physical Review E</i> , 2007, 75, 030101.	0.8	93
32	Verhulstâ€™Lotkaâ€™Volterra (VLV) model of ideological struggle. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 4970-4980.	1.2	93
33	Behavior of bulk high-temperature superconductors of finite thickness subjected to crossed magnetic fields: Experiment and model. <i>Physical Review B</i> , 2007, 75, .	1.1	87
34	RECURRENCE PLOT AND RECURRENCE QUANTIFICATION ANALYSIS TECHNIQUES FOR DETECTING A CRITICAL REGIME.. <i>International Journal of Modern Physics C</i> , 2005, 16, 671-706.	0.8	79
35	Non-Gaussian behavior and anticorrelations in ultrathin gate oxides after soft breakdown. <i>Applied Physics Letters</i> , 1999, 74, 1579-1581.	1.5	72
36	Power-law correlations in the southern-oscillation-index fluctuations characterizing ElNiÃ±o. <i>Physical Review E</i> , 2001, 63, 047201.	0.8	72

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37	Visualizing the log-periodic pattern before crashes. <i>European Physical Journal B</i> , 1999, 9, 355-359.	0.6	67
38	Statistical dynamics of religions and adherents. <i>Europhysics Letters</i> , 2007, 77, 38002.	0.7	67
39	Self-citations, co-authorships and keywords: A new approach to scientists' field mobility?. <i>Scientometrics</i> , 2007, 72, 469-486.	1.6	63
40	Sparseness and Roughness of Foreign Exchange Rates. <i>International Journal of Modern Physics C</i> , 1998, 09, 711-719.	0.8	62
41	Multifractal nature of stock exchange prices. <i>Computer Physics Communications</i> , 2002, 147, 582-585.	3.0	62
42	Magnetic shielding properties of high-temperature superconducting tubes subjected to axial fields. <i>Superconductor Science and Technology</i> , 2007, 20, 192-201.	1.8	62
43	Generalized Hurst exponent and multifractal function of original and translated texts mapped into frequency and length time series. <i>Physical Review E</i> , 2012, 86, 031108.	0.8	61
44	Coherent-Potential Approximation for Alloys with Random Off-Diagonal Elements. <i>Physical Review B</i> , 1971, 4, 3350-3359.	1.1	60
45	Introducing False EUR and False EUR exchange rates. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 286, 353-366.	1.2	60
46	Absorption spectrum of clusters of spheres from the general solution of Maxwell's equations. IV. Proximity, bulk, surface, and shadow effects (in binary clusters). <i>Physical Review B</i> , 1983, 27, 6446-6463.	1.1	59
47	The moving averages demystified. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 269, 170-176.	1.2	55
48	Thermoelectric power and magneto Seebeck-effect near the critical temperature of granular ceramic oxide superconductors $Y_1Ba_2Ca_3O_7$ . <i>Solid State Communications</i> , 1988, 66, 445-450.	0.9	54
49	Magnetic Eden Model. <i>Europhysics Letters</i> , 1993, 24, 629-634.	0.7	53
50	Clusters or networks of economies? A macroeconomy study through Gross Domestic Product. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 382, 16-21.	1.2	53
51	A scientometrics law about co-authors and their ranking: the co-author core. <i>Scientometrics</i> , 2013, 95, 895-909.	1.6	53
52	Coexistence of opposite opinions in a network with communities. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P08026-P08026.	0.9	51
53	Break-up of stratus cloud structure predicted from non-Brownian motion liquid water and brightness temperature fluctuations. <i>Europhysics Letters</i> , 2000, 52, 40-46.	0.7	49
54	Construction and properties of fractal trees with tunable dimension: The interplay of geometry and physics. <i>Physical Review E</i> , 1997, 55, 94-98.	0.8	48

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55	The durations of recession and prosperity: does their distribution follow a power or an exponential law?. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 339, 548-558.	1.2	47
56	Correlation studies of open and closed state fluctuations in an ion channel: Analysis of ion current through a large-conductance locust potassium channel. <i>Physical Review E</i> , 2002, 65, 031907.	0.8	46
57	Brownian particle having a fluctuating mass. <i>Physical Review E</i> , 2006, 73, 011105.	0.8	46
58	DISCRETE MODEL OF IDEOLOGICAL STRUGGLE ACCOUNTING FOR MIGRATION. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2012, 15, 1250049.	0.9	44
59	Evidence of economic regularities and disparities of Italian regions from aggregated tax income size data. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 421, 187-207.	1.2	44
60	In-plane electronic thermal conductivity of layered d-wave high-Tc superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1996, 257, 321-331.	0.6	43
61	Has the world economy reached its globalization limit?. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 797-806.	1.2	42
62	Knowledge Epidemics and Population Dynamics Models for Describing Idea Diffusion. <i>Understanding Complex Systems</i> , 2012, , 69-125.	0.3	42
63	Magnetocaloric effect in nano- and polycrystalline manganite La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> . <i>Applied Physics A: Materials Science and Processing</i> , 2007, 90, 237-241.	1.1	41
64	Infrared active modes in large clusters of spheres. <i>Physical Review B</i> , 1978, 18, 7176-7185.	1.1	40
65	3D fluctuation conductivity in the two-band model: theory and experiment. <i>Superconductor Science and Technology</i> , 1998, 11, 1-3.	1.8	40
66	Nontrivial behavior of the thermoelectric power: Electron-electron versus electron-phonon scattering. <i>Physical Review B</i> , 2000, 61, 5303-5310.	1.1	40
67	Remagnetization of bulk high-temperature superconductors subjected to crossed and rotating magnetic fields. <i>Superconductor Science and Technology</i> , 2007, 20, S174-S183.	1.8	40
68	Thermoelectric power of granular ceramic oxide superconductors. <i>Solid State Communications</i> , 1988, 65, 365-368.	0.9	39
69	Benford's law and Theil transform of financial data. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 6556-6567.	1.2	39
70	Thermoelectric power of magnetic metals. <i>Journal of Magnetism and Magnetic Materials</i> , 1985, 51, 230-252.	1.0	37
71	Magnetic diffusion-limited aggregation. <i>Physical Review E</i> , 1995, 51, 597-603.	0.8	37
72	Numerical simulation of the magnetization of high-temperature superconductors: a 3D finite element method using a single time-step iteration. <i>Superconductor Science and Technology</i> , 2009, 22, 055005.	1.8	36

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73	Thermal conductivity of superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ and $\text{YBa}_2\text{Cu}_3\text{O}_7$ . <i>Physical Review B</i> , 1995, 51, 9372-9374.	1.1	35
74	Magnetotransport properties of a single grain boundary in a bulk $\text{LaCaMnO}$ material. <i>Journal of Applied Physics</i> , 2001, 90, 5692-5697.	1.1	35
75	Breakdown of Benford's law for birth data. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 419, 736-745.	1.2	35
76	A Universal Rank-Size Law. <i>PLoS ONE</i> , 2016, 11, e0166011.	1.1	35
77	Optimization of $\text{BaZrO}_3$ sintering by control of the initial powder size distribution; a factorial design statistical analysis. <i>Journal of the European Ceramic Society</i> , 2005, 25, 3593-3604.	2.8	34
78	Numerical Study of the Shielding Properties of Macroscopic Hybrid Ferromagnetic/Superconductor Hollow Cylinders. <i>IEEE Transactions on Applied Superconductivity</i> , 2010, 20, 33-41.	1.1	34
79	Critical behaviour of transport coefficients at a structural-ferromagnetic transition. I. Electrical resistivity of $\text{TbZn}$ . <i>Journal of Physics F: Metal Physics</i> , 1980, 10, 933-945.	1.6	33
80	Changes in disease burden in Poland between 1990-2017 in comparison with other Central European countries: A systematic analysis for the Global Burden of Disease Study 2017. <i>PLoS ONE</i> , 2020, 15, e0226766.	1.1	33
81	Market Fluctuations I: Scaling, Multiscaling, and Their Possible Origins. , 2002, , 372-409.		33
82	Superconductivity fluctuations in electrical and thermoelectrical properties of granular ceramic superconductors: Homogeneous versus fractal behavior. <i>Physical Review B</i> , 1990, 42, 8611-8614.	1.1	32
83	Clusters in weighted macroeconomic networks: the EU case. Introducing the overlapping index of GDP/capita fluctuation correlations. <i>European Physical Journal B</i> , 2008, 63, 533-539.	0.6	32
84	Magnetic shielding properties of high- $T_c$ superconducting hollow cylinders: model combining experimental data for axial and transverse magnetic field configurations. <i>Superconductor Science and Technology</i> , 2009, 22, 105002.	1.8	31
85	On the genre-fication of music: a percolation approach. <i>European Physical Journal B</i> , 2006, 50, 183-188.	0.6	30
86	Electrical transport and percolation in magnetoresistive manganite/insulating oxide composites: Case of $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3 \cdot \text{Mn}_3\text{O}_4$ . <i>Physical Review B</i> , 2007, 75, .	1.1	30
87	Measuring complexity with multifractals in texts. Translation effects. <i>Chaos, Solitons and Fractals</i> , 2012, 45, 1349-1357.	2.5	30
88	Benford's law predicted digit distribution of aggregated income taxes: the surprising conformity of Italian cities and regions. <i>European Physical Journal B</i> , 2014, 87, 1.	0.6	30
89	Demythifying the belief in cryptocurrencies decentralized aspects. A study of cryptocurrencies time cross-correlations with common currencies, commodities and financial indices. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 556, 124759.	1.2	30
90	FLUCTUATION CONDUCTIVITY EFFECTS ON THERMOELECTRIC POWER OF GRANULAR $\text{Bi}_{1.75}\text{Pb}_{0.25}\text{Ca}_2\text{Sr}_2\text{Cu}_3\text{O}_{10}$ SUPERCONDUCTOR. <i>Modern Physics Letters B</i> , 1989, 03, 241-248.	1.0	29

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91	Homogeneous and fractal behavior of superconducting fluctuations in the electrical resistivity of granular ceramic superconductors. <i>Physical Review B</i> , 1990, 41, 9506-9509.	1.1	29
92	Thermal conductivity of unconventional superconductors: a probe of the order parameter symmetry. <i>Superconductor Science and Technology</i> , 1999, 12, R103-R114.	1.8	29
93	Mechanistic approach to generalized technical analysis of share prices and stock market indices. <i>European Physical Journal B</i> , 2002, 27, 177-187.	0.6	29
94	Spin-cluster effect and lattice-deformation-induced Kondo effect, spin-glass freezing, and strong phonon scattering in $\text{La}_{0.7}\text{Ca}_{0.3}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ . <i>Journal of Applied Physics</i> , 2005, 97, 103908.	1.1	29
95	Electrical transport and magnetic properties of $\text{Mn}_3\text{O}_4\text{-La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ ceramic composites prepared by a one-step spray-drying technique. <i>Journal of the European Ceramic Society</i> , 2007, 27, 3923-3926.	2.8	29
96	Review time in peer review: quantitative analysis and modelling of editorial workflows. <i>Scientometrics</i> , 2016, 107, 271-286.	1.6	29
97	Highly sensitive method for simultaneous measurements of thermal conductivity and thermoelectric power: Fe and Al examples. <i>Review of Scientific Instruments</i> , 1995, 66, 199-206.	0.6	28
98	The screening of species in a Darwinistic tree-like model of evolution. <i>Physica D: Nonlinear Phenomena</i> , 1996, 90, 262-270.	1.3	28
99	Application of dwell-time series in studies of long-range correlation in single channel ion transport: analysis of ion current through a big conductance locust potassium channel. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2001, 297, 79-96.	1.2	28
100	Magnetocaloric effect and magnetic properties of $\text{Tb}_{0.9}\text{Sn}_{0.1}\text{MnO}_3$ . <i>Journal of Applied Physics</i> , 2007, 101, 103904.	1.1	28
101	Low-order variability diagrams for short-range correlation evidence in financial data: BGL-USD exchange rate, Dow Jones industrial average, gold ounce price. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 265, 279-291.	1.2	27
102	A sharp decrease of resistivity in $\text{La}_{0.7}\text{Ca}_{0.3}\text{Mn}_{0.96}\text{Cu}_{0.04}\text{O}_3$ : Evidence for Cu-assisted coherent tunneling of spin Polarons. <i>JETP Letters</i> , 1999, 69, 858-862.	0.4	27
103	Cluster structure of EU-15 countries derived from the correlation matrix analysis of macroeconomic index fluctuations. <i>European Physical Journal B</i> , 2007, 57, 139-146.	0.6	27
104	Effect of religious rules on time of conception in Romania from 1905 to 2001. <i>Human Reproduction</i> , 2015, 30, 2202-2214.	0.4	27
105	Effects of alkali cation (Li, Na, K, Cs) substitution on the magneto-electrical properties of $\text{Y}_{1-x}\text{Ba}_x\text{Cu}_3\text{O}_{7-y}$ granular superconductors. <i>Solid State Communications</i> , 1988, 68, 539-545.	0.9	26
106	Theory of the thermoelectric power of model semimetals and semiconductors. <i>European Physical Journal B</i> , 1991, 85, 59-68.	0.6	26
107	High temperature crossover in paraconductivity of granular $\text{Y}_{1-x}\text{Ba}_x\text{Cu}_3\text{O}_{7-y}$ . <i>European Physical Journal B</i> , 1991, 84, 13-16.	0.6	26
108	Influence of Van Hove singularities on the thermal conductivity of high-Tc superconductors. <i>Physical Review B</i> , 1996, 54, 6126-6128.	1.1	26

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109	SCALING ANALYSIS AND EVOLUTION EQUATION OF THE NORTH ATLANTIC OSCILLATION INDEX FLUCTUATIONS. <i>International Journal of Modern Physics C</i> , 2004, 15, 1353-1366.	0.8	26
110	Artificial intelligence in peer review: How can evolutionary computation support journal editors?. <i>PLoS ONE</i> , 2017, 12, e0184711.	1.1	26
111	Effective number of conduction electrons in antiferromagnetic metals near TN. <i>Journal of Physics F: Metal Physics</i> , 1976, 6, 1723-1730.	1.6	25
112	Thermoelectric power of magnetic metals. <i>Journal of Magnetism and Magnetic Materials</i> , 1985, 53, 243-263.	1.0	25
113	Superconductivity fluctuations in Bi(Pb) based granular ceramics superconductors: evidence for fractal behavior. <i>European Physical Journal B</i> , 1991, 83, 355-359.	0.6	25
114	Thermal conductivity of an untwinned YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> single crystal. <i>Physica C: Superconductivity and Its Applications</i> , 1993, 218, 15-18.	0.6	25
115	CORRELATIONS BETWEEN RECONSTRUCTED EUR EXCHANGE RATES VERSUS CHF, DKK, GBP, JPY AND USD. <i>International Journal of Modern Physics C</i> , 2001, 12, 169-195.	0.8	25
116	ac magnetic behavior of large-grain magnetoresistive La <sub>0.78</sub> Ca <sub>0.22</sub> Mn <sub>0.90</sub> O <sub>x</sub> materials. <i>Physical Review B</i> , 2003, 68, .	1.1	25
117	Benford's law first significant digit and distribution distances for testing the reliability of financial reports in developing countries. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 492, 878-888.	1.2	25
118	Convergence and Cluster Structures in EU Area according to Fluctuations in Macroeconomic Indices. <i>Journal of Economic Integration</i> , 2008, 23, 297-330.	0.5	25
119	Dimensionality crossover regimes due to microcrystalline anisotropy in the resistivity of granular Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> in weak magnetic fields at low temperature. <i>European Physical Journal B</i> , 1988, 69, 435-441.	0.6	24
120	Bi-based 2223 superconducting polycrystalline materials prepared by either a solid state route or a glassy matrix precursor method: Chemical analysis as well as electrical and thermal transport properties. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 231, 259-270.	0.6	24
121	Polarized light microstructure analysis of melt-textured DyBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> ceramics. <i>Journal of Materials Research</i> , 1996, 11, 1179-1186.	1.2	24
122	Effect of BaZrO <sub>3</sub> additions on the microstructure and physical properties of melt-textured Y-123 superconducting materials. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1998, 53, 154-158.	1.7	24
123	The n-Zipf analysis of financial data series and biased data series. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 268, 240-249.	1.2	24
124	Evolution of economic entities under heterogeneous political/environmental conditions within a Bak-Sneppen-like dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 332, 394-402.	1.2	24
125	AN ATTEMPT TO OBSERVE ECONOMY GLOBALIZATION: THE CROSS CORRELATION DISTANCE EVOLUTION OF THE TOP 19 GDP'S. <i>International Journal of Modern Physics C</i> , 2006, 17, 317-331.	0.8	24
126	Field penetration into hard type-II superconducting tubes: effects of a cap, a non-superconducting joint, and non-uniform superconducting properties. <i>Superconductor Science and Technology</i> , 2007, 20, 418-427.	1.8	24



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127	Model of wealth and goods dynamics in a closed market. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 373, 560-568.	1.2	24
128	Effects of agents' mobility on opinion spreading in Sznajd model. <i>European Physical Journal B</i> , 2008, 66, 115-124.	0.6	24
129	Data science for assessing possible tax income manipulation: The case of Italy. <i>Chaos, Solitons and Fractals</i> , 2017, 104, 238-256.	2.5	24
130	Thermal conductivity of high-Tc superconductors: effect of Van Hove singularities. <i>Physica C: Superconductivity and Its Applications</i> , 1996, 265, 258-266.	0.6	23
131	Theory of the thermoelectric power or Seebeck coefficient: The case of phonon scattering for a degenerate free-electron gas. <i>Physical Review B</i> , 1996, 53, 1762-1772.	1.1	23
132	N-body decomposition of bipartite author networks. <i>Physical Review E</i> , 2005, 72, 066117.	0.8	23
133	Word statistics in Blogs and RSS feeds: Towards empirical universal evidence. <i>Journal of Informetrics</i> , 2007, 1, 277-286.	1.4	23
134	Correlation measure to detect time series distances, whence economy globalization. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 6584-6594.	1.2	23
135	Self-Organized Criticality in Phylogenetic-Like Tree Growths. <i>Journal De Physique, I</i> , 1995, 5, 1011-1025.	1.2	23
136	Fractional Dynamics of Network Growth Constrained by Aging Node Interactions. <i>PLoS ONE</i> , 2016, 11, e0154983.	1.1	23
137	Time is Money. , 2000, , 156-171.		23
138	Anomaly in the seebeck coefficient near the spin ordering temperature of magnetic metals. <i>Solid State Communications</i> , 1977, 21, 373-375.	0.9	22
139	EVIDENCE FOR ANOMALOUS FLUCTUATIONS IN SUPERCONDUCTING Bi <sub>1.75</sub> Pb <sub>0.25</sub> Ca <sub>2</sub> Sr <sub>2</sub> Cu <sub>3</sub> O <sub>10</sub> . <i>Modern Physics Letters B</i> , 1988, 02, 1319-1325.	1.0	22
140	Terrace structures in DyBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> grown in a magnetic field. <i>Solid State Communications</i> , 1992, 83, 349-354.	0.9	22
141	Inelastic-phonon-scattering effect on the behavior of the thermoelectric power of metals. <i>Physical Review B</i> , 1994, 49, 13215-13218.	1.1	22
142	Magneto-thermal conductivity of high-Tc superconductors: electron-vortex scattering contribution. <i>Journal of Physics Condensed Matter</i> , 1995, 7, L193-L199.	0.7	22
143	Statistical dynamics of religion evolutions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 4438-4444.	1.2	22
144	Test of two hypotheses explaining the size of populations in a system of cities. <i>Journal of Applied Statistics</i> , 2015, 42, 2686-2693.	0.6	22

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