

Marcel Ausloos

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616
papers

22,758
citations

47
h-index

139
g-index

649
ext. papers

29,469
ext. citations

3.1
avg, IF

6.43
L-index

#	Paper	IF	Citations
616	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1789-1858	40	4524
615	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1736-1788	40	2850
614	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, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1923-1994	40	1964
613	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1859-1922	40	1283
612	Alcohol use and burden for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2018 , 392, 1015-1035	40	1171
611	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: A Systematic Analysis for the Global Burden of Disease Study. <i>JAMA Oncology</i> , 2019 , 5, 1749-1768	13.4	888
610	Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1684-1735	40	483
609	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	40	210
608	Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1995-2051	40	189
607	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	3.3	185
606	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	27.7	161
605	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, 1995-2050. <i>Lancet, The</i> , 2019 , 393, 2233-2260	40	158
604	Thermodynamic fluctuations in the superconductor Y1Ba2Cu3O9-y: Evidence for two-dimensional superconductivity. <i>Physical Review B</i> , 1988 , 37, 611-614	3.3	154
603	Coherent and random sequences in financial fluctuations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1997 , 246, 454-459	3.3	139
602	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	3.3	135
601	Crossing of two mobile averages: A method for measuring the roughness exponent. <i>Physical Review E</i> , 1998 , 58, 6832-6834	2.4	128
600	Charge- and spin-density-wave superconductors. <i>Superconductor Science and Technology</i> , 2001 , 14, R1-R27	3.7	124

599	Statistical physics in foreign exchange currency and stock markets. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000 , 285, 48-65	3.3	123
598	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	3.3	109
597	Multi-affine analysis of typical currency exchange rates. <i>European Physical Journal B</i> , 1998 , 4, 257-261	1.2	105
596	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	3.1	105
595	Dynamical model and nonextensive statistical mechanics of a market index on large time windows. <i>Physical Review E</i> , 2003 , 68, 046122	2.4	99
594	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	3.3	95
593	How the financial crash of October 1997 could have been predicted. <i>European Physical Journal B</i> , 1998 , 4, 139-141	1.2	92
592	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	1.2	90
591	Applications of statistical physics to economic and financial topics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999 , 274, 229-240	3.3	89
590	Uncovering collective listening habits and music genres in bipartite networks. <i>Physical Review E</i> , 2005 , 72, 066107	2.4	87
589	Majority model on a network with communities. <i>Physical Review E</i> , 2007 , 75, 030101	2.4	82
588	Behavior of bulk high-temperature superconductors of finite thickness subjected to crossed magnetic fields: Experiment and model. <i>Physical Review B</i> , 2007 , 75,	3.3	74
587	Memory effects on epidemic evolution: The susceptible-infected-recovered epidemic model. <i>Physical Review E</i> , 2017 , 95, 022409	2.4	71
586	Power-law correlations in the southern-oscillation-index fluctuations characterizing El Niño. <i>Physical Review E</i> , 2001 , 63, 047201	2.4	63
585	Non-Gaussian behavior and anticorrelations in ultrathin gate oxides after soft breakdown. <i>Applied Physics Letters</i> , 1999 , 74, 1579-1581	3.4	62
584	RECURRENCE PLOT AND RECURRENCE QUANTIFICATION ANALYSIS TECHNIQUES FOR DETECTING A CRITICAL REGIME.. <i>International Journal of Modern Physics C</i> , 2005 , 16, 671-706	1.1	61
583	Visualizing the log-periodic pattern before crashes. <i>European Physical Journal B</i> , 1999 , 9, 355-359	1.2	59
582	Coherent-Potential Approximation for Alloys with Random Off-Diagonal Elements. <i>Physical Review B</i> , 1971 , 4, 3350-3359	3.3	59

581	Sparseness and Roughness of Foreign Exchange Rates. <i>International Journal of Modern Physics C</i> , 1998 , 09, 711-719	1.1	58
580	Multifractal nature of stock exchange prices. <i>Computer Physics Communications</i> , 2002 , 147, 582-585	4.2	55
579	Magnetic shielding properties of high-temperature superconducting tubes subjected to axial fields. <i>Superconductor Science and Technology</i> , 2007 , 20, 192-201	3.1	54
578	Introducing False EUR and False EUR exchange rates. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000 , 286, 353-366	3.3	53
577	Thermoelectric power and magneto Seebeck-effect near the critical temperature of granular ceramic oxide superconductors Y1Ba2Ca3O7. <i>Solid State Communications</i> , 1988 , 66, 445-450	1.6	53
576	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	3.3	53
575	Verhulst-Lotka-Volterra (VLV) model of ideological struggle. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010 , 389, 4970-4980	3.3	52
574	Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life Years for 29 Cancer Groups From 2010 to 2019: A Systematic Analysis for the Global Burden of Disease Study 2019.. <i>JAMA Oncology</i> , 2021 ,	13.4	51
573	Magnetic Eden Model. <i>Europhysics Letters</i> , 1993 , 24, 629-634	1.6	49
572	Self-citations, co-authorships and keywords: A new approach to scientists' field mobility?. <i>Scientometrics</i> , 2007 , 72, 469-486	3	48
571	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	2.4	47
570	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	3.3	47
569	The moving averages demystified. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999 , 269, 170-176	3.3	47
568	Collaborative Tagging as a Tripartite Network. <i>Lecture Notes in Computer Science</i> , 2006 , 1114-1117	0.9	47
567	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	1.6	45
566	Coexistence of opposite opinions in a network with communities. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007 , 2007, P08026-P08026	1.9	44
565	Brownian particle having a fluctuating mass. <i>Physical Review E</i> , 2006 , 73, 011105	2.4	43
564	A scientometrics law about co-authors and their ranking: the co-author core. <i>Scientometrics</i> , 2013 , 95, 895-909	3	42

563	Construction and properties of fractal trees with tunable dimension: The interplay of geometry and physics. <i>Physical Review E</i> , 1997 , 55, 94-98	2.4	42
562	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	2.4	40
561	In-plane electronic thermal conductivity of layered d-wave high-Tc superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 257, 321-331	1.3	40
560	Magnetocaloric effect in nano- and polycrystalline manganite La _{0.7} Ca _{0.3} MnO ₃ . <i>Applied Physics A: Materials Science and Processing</i> , 2007 , 90, 237-241	2.6	39
559	DISCRETE MODEL OF IDEOLOGICAL STRUGGLE ACCOUNTING FOR MIGRATION. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2012 , 15, 1250049	0.8	38
558	Knowledge Epidemics and Population Dynamics Models for Describing Idea Diffusion. <i>Understanding Complex Systems</i> , 2012 , 69-125	0.4	37
557	Statistical dynamics of religions and adherents. <i>Europhysics Letters</i> , 2007 , 77, 38002	1.6	37
556	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	3.3	37
555	3D fluctuation conductivity in the two-band model: theory and experiment. <i>Superconductor Science and Technology</i> , 1998 , 11, 1-3	3.1	37
554	Magnetic diffusion-limited aggregation. <i>Physical Review E</i> , 1995 , 51, 597-603	2.4	37
553	Thermoelectric power of granular ceramic oxide superconductors. <i>Solid State Communications</i> , 1988 , 65, 365-368	1.6	37
552	Thermoelectric power of magnetic metals. <i>Journal of Magnetism and Magnetic Materials</i> , 1985 , 51, 230-258		37
551	Nontrivial behavior of the thermoelectric power: Electron-electron versus electron-phonon scattering. <i>Physical Review B</i> , 2000 , 61, 5303-5310	3.3	36
550	Infrared active modes in large clusters of spheres. <i>Physical Review B</i> , 1978 , 18, 7176-7185	3.3	36
549	Benford's law and Theil transform of financial data. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012 , 391, 6556-6567	3.3	34
548	Remagnetization of bulk high-temperature superconductors subjected to crossed and rotating magnetic fields. <i>Superconductor Science and Technology</i> , 2007 , 20, S174-S183	3.1	34
547	Thermal conductivity of superconducting Bi ₂ Sr ₂ CaCu ₂ O ₈ and YBa ₂ Cu ₃ O _{7-y} . <i>Physical Review B</i> , 1995 , 51, 9372-9374	3.3	34
546	Critical behaviour of transport coefficients at a structural-ferromagnetic transition. I. Electrical resistivity of TbZn. <i>Journal of Physics F: Metal Physics</i> , 1980 , 10, 933-945		33

545	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	3.3	32
544	Magnetotransport properties of a single grain boundary in a bulk La _{1-x} Ca _x MnO ₃ material. <i>Journal of Applied Physics</i> , 2001 , 90, 5692-5697	2.5	32
543	Optimization of 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	6	31
542	Superconductivity fluctuations in electrical and thermoelectrical properties of granular ceramic superconductors: Homogeneous versus fractal behavior. <i>Physical Review B</i> , 1990 , 42, 8611-8614	3.3	31
541	Breakdown of Benford's law for birth data. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015 , 419, 736-745	3.3	30
540	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	3.1	29
539	Has the world economy reached its globalization limit?. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010 , 389, 797-806	3.3	29
538	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	1.2	29
537	FLUCTUATION CONDUCTIVITY EFFECTS ON THERMOELECTRIC POWER OF GRANULAR Bi _{1.75} Pb _{0.25} Ca ₂ Sr ₂ Cu ₃ O ₁₀ SUPERCONDUCTOR. <i>Modern Physics Letters B</i> , 1989 , 03, 241-248	1.6	29
536	Homogeneous and fractal behavior of superconducting fluctuations in the electrical resistivity of granular ceramic superconductors. <i>Physical Review B</i> , 1990 , 41, 9506-9509	3.3	29
535	Electrical transport and percolation in magnetoresistive manganite/insulating oxide composites: Case of La _{0.7} Ca _{0.3} MnO ₃ /Mn ₃ O ₄ . <i>Physical Review B</i> , 2007 , 75,	3.3	28
534	Spin-cluster effect and lattice-deformation-induced Kondo effect, spin-glass freezing, and strong phonon scattering in La _{0.7} Ca _{0.3} Mn _{1-x} Cr _x O ₃ . <i>Journal of Applied Physics</i> , 2005 , 97, 103908	2.5	28
533	A Universal Rank-Size Law. <i>PLoS ONE</i> , 2016 , 11, e0166011	3.7	28
532	Numerical Study of the Shielding Properties of Macroscopic Hybrid Ferromagnetic/Superconductor Hollow Cylinders. <i>IEEE Transactions on Applied Superconductivity</i> , 2010 , 20, 33-41	1.8	27
531	The screening of species in a Darwinistic tree-like model of evolution. <i>Physica D: Nonlinear Phenomena</i> , 1996 , 90, 262-270	3.3	27
530	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	3.1	26
529	Magnetocaloric effect and magnetic properties of Tb _{0.9} Sn _{0.1} MnO ₃ . <i>Journal of Applied Physics</i> , 2007 , 101, 103904	2.5	26
528	Thermal conductivity of unconventional superconductors: a probe of the order parameter symmetry. <i>Superconductor Science and Technology</i> , 1999 , 12, R103-R114	3.1	26

527	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	3.3	26
526	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	1.7	26
525	Corporate governance and firms financial performance in the United Kingdom. <i>International Journal of Finance and Economics</i> , 2021 , 26, 1871-1885	1.5	26
524	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	1.2	25
523	On the genre-fication of music: a percolation approach. <i>European Physical Journal B</i> , 2006 , 50, 183-188	1.2	25
522	SCALING ANALYSIS AND EVOLUTION EQUATION OF THE NORTH ATLANTIC OSCILLATION INDEX FLUCTUATIONS. <i>International Journal of Modern Physics C</i> , 2004 , 15, 1353-1366	1.1	25
521	Influence of Van Hove singularities on the thermal conductivity of high-Tc superconductors. <i>Physical Review B</i> , 1996 , 54, 6126-6128	3.3	25
520	Thermal conductivity of an untwinned YBa ₂ Cu ₃ O _{7-δ} single crystal: An alternative interpretation in terms of carrier condensation. <i>Physica C: Superconductivity and Its Applications</i> , 1993 , 218, 15-18	1.3	25
519	Effective number of conduction electrons in antiferromagnetic metals near TN. <i>Journal of Physics F: Metal Physics</i> , 1976 , 6, 1723-1730		25
518	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	1.1	24
517	Theory of the thermoelectric power of model semimetals and semiconductors. <i>European Physical Journal B</i> , 1991 , 85, 59-68	1.2	24
516	High temperature crossover in paraconductivity of granular Y ₁ Ba ₂ Cu ₃ O _{7-y} . <i>European Physical Journal B</i> , 1991 , 84, 13-16	1.2	24
515	Superconductivity fluctuations in Bi(Pb) based granular ceramics superconductors: evidence for fractal behavior. <i>European Physical Journal B</i> , 1991 , 83, 355-359	1.2	24
514	Effects of alkali cation (Li, Na, K, Cs) substitution on the magneto-electrical properties of Y ₁ Ba ₂ Cu ₃ O _{7-δ} granular superconductors. <i>Solid State Communications</i> , 1988 , 68, 539-545	1.6	24
513	Dimensionality crossover regimes due to microcrystalline anisotropy in the resistivity of granular Y ₁ Ba ₂ Cu ₃ O _{7-δ} in weak magnetic fields at low temperature. <i>European Physical Journal B</i> , 1988 , 69, 435-441	1.2	24
512	Thermoelectric power of magnetic metals. <i>Journal of Magnetism and Magnetic Materials</i> , 1985 , 53, 243-263		24
511	Measuring complexity with multifractals in texts. Translation effects. <i>Chaos, Solitons and Fractals</i> , 2012 , 45, 1349-1357	9.3	23
510	Model of wealth and goods dynamics in a closed market. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 373, 560-568	3.3	23

- 509 Mechanistic approach to generalized technical analysis of share prices and stock market indices. *European Physical Journal B*, **2002**, 27, 177-187 1.2 23
- 508 ac magnetic behavior of large-grain magnetoresistive La_{0.78}Ca_{0.22}Mn_{0.90}O_x materials. *Physical Review B*, **2003**, 68, 3-3 23
- 507 A sharp decrease of resistivity in La_{0.7}Ca_{0.3}Mn_{0.96}Cu_{0.04}O₃: Evidence for Cu-assisted coherent tunneling of spin Polarons. *JETP Letters*, **1999**, 69, 858-862 1.2 23
- 506 Polarized light microstructure analysis of melt-textured DyBa₂Cu₃O_{7-x} ceramics. *Journal of Materials Research*, **1996**, 11, 1179-1186 2.5 23
- 505 Effect of religious rules on time of conception in Romania from 1905 to 2001. *Human Reproduction*, **2015**, 30, 2202-14 5.7 22
- 504 Effect of BaZrO₃ additions on the microstructure and physical properties of melt-textured Y-123 superconducting materials. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **1998**, 53, 154-158 3.1 22
- 503 Electrical transport and magnetic properties of Mn₃O₄-La_{0.7}Ca_{0.3}MnO₃ ceramic composites prepared by a one-step spray-drying technique. *Journal of the European Ceramic Society*, **2007**, 27, 3923-3926 6 22
- 502 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. *Physica A: Statistical Mechanics and Its Applications*, **2001**, 297, 79-96 3.3 22
- 501 Inelastic-phonon-scattering effect on the behavior of the thermoelectric power of metals. *Physical Review B*, **1994**, 49, 13215-13218 3.3 22
- 500 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. *Physica C: Superconductivity and Its Applications*, **1994**, 231, 259-270 1.3 22
- 499 Terrace structures in DyBa₂Cu₃O_{7-x} grown in a magnetic field. *Solid State Communications*, **1992**, 83, 349-354 1.6 22
- 498 EVIDENCE FOR ANOMALOUS FLUCTUATIONS IN SUPERCONDUCTING Bi_{1.75}Pb_{0.25}Ca₂Sr₂Cu₃O₁₀. *Modern Physics Letters B*, **1988**, 02, 1319-1325 1.6 22
- 497 Anomaly in the seebeck coefficient near the spin ordering temperature of magnetic metals. *Solid State Communications*, **1977**, 21, 373-375 1.6 22
- 496 Statistical dynamics of religion evolutions. *Physica A: Statistical Mechanics and Its Applications*, **2009**, 388, 4438-4444 3.3 21
- 495 pattern formation in isothermally non-seeded melt-textured with 15 wt% addition. *Superconductor Science and Technology*, **1996**, 9, 665-670 3.1 21
- 494 Field penetration into hard type-II superconducting tubes: effects of a cap, a non-superconducting joint, and non-uniform superconducting properties. *Superconductor Science and Technology*, **2007**, 20, 418-427 3.1 21
- 493 Word statistics in Blogs and RSS feeds: Towards empirical universal evidence. *Journal of Informetrics*, **2007**, 1, 277-286 3.1 21
- 492 Correlation measure to detect time series distances, whence economy globalization. *Physica A: Statistical Mechanics and Its Applications*, **2008**, 387, 6584-6594 3.3 21

491	Effects of agents' mobility on opinion spreading in Sznajd model. <i>European Physical Journal B</i> , 2008 , 66, 115-124	1.2	21
490	N-body decomposition of bipartite author networks. <i>Physical Review E</i> , 2005 , 72, 066117	2.4	21
489	Magneto-thermal conductivity of high-Tc superconductors: electron-vortex scattering contribution. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, L193-L199	1.8	21
488	Texturing of DyBa ₂ Cu ₃ O ₇ superconducting grains synthesized in situ in a magnetic field. <i>Applied Physics Letters</i> , 1992 , 61, 2718-2720	3.4	21
487	Effects of high polar orders on the infrared absorption spectrum of ionic clusters. <i>Surface Science</i> , 1981 , 106, 319-326	1.8	21
486	Market Fluctuations I: Scaling, Multiscaling, and Their Possible Origins 2002 , 372-409		21
485	Self-Organized Criticality in Phylogenetic-Like Tree Growths. <i>Journal De Physique, I</i> , 1995 , 5, 1011-1025		21
484	Review time in peer review: quantitative analysis and modelling of editorial workflows. <i>Scientometrics</i> , 2016 , 107, 271-286	3	20
483	On the Usual Misunderstandings between econophysics and finance: Some clarifications on modelling approaches and efficient market hypothesis. <i>International Review of Financial Analysis</i> , 2016 , 47, 7-14	6.7	20
482	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	1.2	20
481	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	1.1	20
480	Foam imbibition in microgravity. <i>European Physical Journal B</i> , 2003 , 33, 115-119	1.2	20
479	Investigation of DyBa ₂ Cu ₃ O _{7-x} superconducting domains grown by the infiltration technique starting with small size Dy-211 particles. <i>Superconductor Science and Technology</i> , 2005 , 18, S136-S141	3.1	20
478	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	3.3	20
477	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	3.3	20
476	Magnetic lattice gas. <i>Physical Review A</i> , 1980 , 22, 2218-2229	2.6	20
475	Modelling and measuring the irrational behaviour of agents in financial markets: Discovering the psychological soliton. <i>Chaos, Solitons and Fractals</i> , 2016 , 88, 119-125	9.3	19
474	Dynamic peer-to-peer competition. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010 , 389, 2628-2636	3.6	19

473	An ac susceptometer for the characterization of large, bulk superconducting samples. <i>Measurement Science and Technology</i> , 2008 , 19, 085705	2	19
472	Endo- vs. exogenous shocks and relaxation rates in book and music sales. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 362, 485-494	3.3	19
471	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	3.3	19
470	False Euro (FEUR) exchange rate correlated behaviors and investment strategy. <i>European Physical Journal B</i> , 2001 , 20, 537-541	1.2	19
469	Hysteretic behavior in metallic granular matter. <i>Applied Physics Letters</i> , 2002 , 81, 936-938	3.4	19
468	Thermal conductivity of high-Tc superconductors: effect of Van Hove singularities. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 265, 258-266	1.3	19
467	Thermal conductivity of twinned YBa ₂ Cu ₃ O _{7-x} and tweeded YBa ₂ (Cu _{0.95} Fe _{0.05}) ₃ O _{7-x} in a magnetic field: Evidence for intrinsic proximity effect. <i>Solid State Communications</i> , 1993 , 86, 513-516	1.6	19
466	Temperature dependence and critical behaviour of the thermoelectric power in ferromagnetic TbZn compound. <i>Journal of Physics F: Metal Physics</i> , 1980 , 10, 1809-1819		19
465	Statistically correlated polarization fields and optical properties of a composite medium. <i>Physical Review B</i> , 1982 , 26, 4703-4706	3.3	19
464	Convergence and Cluster Structures in EU Area according to Fluctuations in Macroeconomic Indices. <i>Journal of Economic Integration</i> , 2008 , 23, 297-330	1.2	19
463	Statistical assessment of regional wealth inequalities: the Italian case. <i>Quality and Quantity</i> , 2015 , 49, 2307-2323	2.4	18
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