Panagiotis A Varotsos

List of Publications by Year
in descending order

228 papers	9,131 citations	22153 59 h-index	45317 90 g-index
240 all docs	240 docs citations	240 times ranked	1323 citing authors

#	Article	IF	Citations
1	Physical properties of the variations of the electric field of the earth preceding earthquakes, I. Tectonophysics, 1984, 110, 73-98.	2.2	472
2	Physical properties of the variations of the electric field of the earth preceding earthquakes. II. determination of epicenter and magnitude. Tectonophysics, 1984, 110, 99-125.	2.2	360
3	Latest aspects of earthquake prediction in Greece based on seismic electric signals, II. Tectonophysics, 1993, 224, 1-37.	2.2	306
4	Long-range correlations in the electric signals that precede rupture. Physical Review E, 2002, 66, 011902.	2.1	301
5	Latest aspects of earthquake prediction in Greece based on seismic electric signals. Tectonophysics, 1991, 188, 321-347.	2.2	290
6	Long-range correlations in the electric signals that precede rupture: Further investigations. Physical Review E, 2003, 67, 021109.	2.1	184
7	Attempt to distinguish electric signals of a dichotomous nature. Physical Review E, 2003, 68, 031106.	2.1	177
8	Similarity of fluctuations in correlated systems: The case of seismicity. Physical Review E, 2005, 72, 041103.	2.1	175
9	Natural Time Analysis: The New View of Time. , 2011, , .		168
10	Calculation of the formation volume of vacancies in solids. Physical Review B, 1978, 18, 2683-2691.	3.2	152
11	Attempt to distinguish long-range temporal correlations from the statistics of the increments by natural time analysis. Physical Review E, 2006, 74, 021123.	2.1	140
12	Entropy of seismic electric signals: Analysis in natural time under time reversal. Physical Review E, 2006, 73, 031114.	2.1	135
13	Some properties of the entropy in the natural time. Physical Review E, 2005, 71, 032102.	2.1	132
14	Comparison of models that interconnect point defect parameters in solids with bulk properties. Journal of Applied Physics, 2007, 101, 123503.	2.5	132
15	Calculation of the formation entropy of vacancies due to anharmonic effects. Physical Review B, 1977, 15, 4111-4114.	3.2	131
16	Minimum of the order parameter fluctuations of seismicity before major earthquakes in Japan. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13734-13738.	7.1	130
17	Seismic Electric Signals: An additional fact showing their physical interconnection with seismicity. Tectonophysics, 2013, 589, 116-125.	2.2	127
18	Investigation of seismicity after the initiation of a Seismic Electric Signal activity until the main shock. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2008, 84, 331-343.	3.8	121

#	Article	IF	Citations
19	Natural time analysis of critical phenomena. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11361-11364.	7.1	120
20	Earthquake prediction and electric signals. Nature, 1986, 322, 120-120.	27.8	117
21	Electric Fields that â€œArriveâ€•before the Time Derivative of the Magnetic Field prior to Major Earthquakes. Physical Review Letters, 2003, 91, 148501.	7.8	114
22	Nonextensivity and natural time: The case of seismicity. Physical Review E, 2010, 82, 021110.	2.1	114
23	Study of the temporal correlations in the magnitude time series before major earthquakes in Japan. Journal of Geophysical Research: Space Physics, 2014, 119, 9192-9206.	2.4	113
24	Entropy in the natural time domain. Physical Review E, 2004, 70, 011106.	2.1	108
25	Transmission of stress induced electric signals in dielectric media. Journal of Applied Physics, 1998, 83, 60-70.	2.5	105
26	Scale-specific order parameter fluctuations of seismicity in natural time before mainshocks. Europhysics Letters, 2011, 96, 59002.	2.0	99
27	Calculation of diffusion coefficients at any temperature and pressure from a single measurement. I. Self diffusion. Physical Review B, 1980, 22, 3130-3134.	3.2	96
28	Fluctuations, under time reversal, of the natural time and the entropy distinguish similar looking electric signals of different dynamics. Journal of Applied Physics, 2008, 103, 014906.	2.5	96
29	Natural entropy fluctuations discriminate similar-looking electric signals emitted from systems of different dynamics. Physical Review E, 2005, 71, 011110.	2.1	95
30	Interconnection of defect parameters and stress-induced electric signals in ionic crystals. Physical Review B, 1999, 59, 24-27.	3.2	92
31	Origin of the Usefulness of the Natural-Time Representation of Complex Time Series. Physical Review Letters, 2005, 94, 170601.	7.8	92
32	Detrended fluctuation analysis of the magnetic and electric field variations that precede rupture. Chaos, 2009, 19, 023114.	2.5	88
33	Identifying sudden cardiac death risk and specifying its occurrence time by analyzing electrocardiograms in natural time. Applied Physics Letters, 2007, 91, .	3.3	86
34	Point defect parameters in Î²-PbF2 revisited. Solid State Ionics, 2008, 179, 438-441.	2.7	85
35	Spatiotemporal variations of seismicity before major earthquakes in the Japanese area and their relation with the epicentral locations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 986-989.	7.1	85
36	Connection between the formation volume and formation Gibbs energy in noble-gas solids. Physical Review B, 1984, 30, 7305-7306.	3.2	81

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37	Decisive importance of the bulk modulus and the anharmonicity in the calculation of migration and formation volumes. Physical Review B, 1981, 24, 904-910.	3.2	80
38	Estimation of the migration enthalpy and entropy for cation vacancy motion in alkali halides with the NaCl-type structure. Physical Review B, 1977, 15, 2348-2351.	3.2	78
39	Order parameter fluctuations of seismicity in natural time before and after mainshocks. Europhysics Letters, 2010, 91, 59001.	2.0	72
40	On the possibility of the enthalpy of a Schottky defect decreasing with increasing temperature. Journal of Physics C: Solid State Physics, 1979, 12, L761-L764.	1.5	71
41	Comments on the Pressure Variation of the Gibbs Energy for Bound and Unbound Defects. Physica Status Solidi (B): Basic Research, 1982, 111, 581-590.	1.5	71
42	Comments on the formation entropy of a Frenkel defect inBaF2andCaF2. Physical Review B, 1976, 13, 938-938.	3.2	69
43	New aspects on the dielectric properties of the alkali halides with divalent impurities. Journal of Physics and Chemistry of Solids, 1974, 35, 927-930.	4.0	67
44	Calculation of the migration volume of vacancies in ionic solids from macroscopic parameters. Physica Status Solidi A, 1978, 47, K133-K136.	1.7	66
45	Point defect parameters of LiF. Journal of Physics C: Solid State Physics, 1985, 18, 3891-3895.	1.5	66
46	An estimate of the pressure dependence of the dielectric constant in alkali halides. Physica Status Solidi (B): Basic Research, 1978, 90, 339-343.	1.5	65
47	On the Temperature Variation of the Bulk Modulus of Mixed Alkali Halides. Physica Status Solidi (B): Basic Research, 1980, 99, K93.	1.5	65
48	Prediction of the compressibility of mixed alkali halides. Journal of Physics and Chemistry of Solids, 1980, 41, 1291-1294.	4.0	65
49	Numerical model of the selectivity effect and the Î”V/L criterion. Geophysical Research Letters, 1999, 26, 3245-3248.	4.0	65
50	Calculation of point defect parameters in diamond. Physical Review B, 2007, 75, .	3.2	65
51	The curvature in conductivity plots of alkali halides as a consequence of anharmonicity. Journal of Physics and Chemistry of Solids, 1977, 38, 997-1001.	4.0	64
52	Migration entropy for the bound fluorine motion in alkaline earth fluorides. Journal of Physics and Chemistry of Solids, 1980, 41, 443-446.	4.0	64
53	Negative activation volumes of defects in solids. Physical Review B, 1980, 21, 4898-4899.	3.2	64
54	Determination of the Dielectric Constant of Alkali Halide Mixed Crystals. Physica Status Solidi (B): Basic Research, 1980, 100, K133.	1.5	61

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55	Earthquake predictions issued in Greece by seismic electric signals since February 6, 1990. Tectonophysics, 1993, 224, 269-288.	2.2	61
56	Difference in conductivity between LiD and LiH crystals. Physical Review B, 1974, 10, 5220-5224.	3.2	60
57	The Conductivity of Crystalline NaI. Canadian Journal of Physics, 1975, 53, 1318-1320.	1.1	60
58	Determination of the composition of the maximum conductivity or diffusivity in mixed alkali halides. Journal of Physics and Chemistry of Solids, 1981, 42, 405-407.	4.0	59
59	Migration parameters for the bound fluorine motion in alkaline earth fluoridesâ€”II. Journal of Physics and Chemistry of Solids, 1981, 42, 409-410.	4.0	59
60	Current Methods of Lattice Defect Analysis Using Dilatometry and Selfâ€Diffusion Critical Review and Proposals. Physica Status Solidi (B): Basic Research, 1982, 110, 9-31.	1.5	59
61	The curvature in conductivity plots of silver halides as a consequence of anharmonicity. Journal of Physics and Chemistry of Solids, 1978, 39, 759-761.	4.0	58
62	Physical properties of the variations in the electric field of the earth preceding earthquakes, III. Tectonophysics, 1987, 136, 335-339.	2.2	55
63	Official earthquake prediction procedure in Greece. Tectonophysics, 1988, 152, 193-196.	2.2	55
64	A plausible universal behaviour of earthquakes in the natural time-domain. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2004, 80, 283-289.	3.8	54
65	Comments on â€œThe Temperature and Pressure Dependence of Disaccommodation in a Manganese Zinc Ferrite Single Crystalâ€• Japanese Journal of Applied Physics, 1985, 24, 781-781.	1.5	50
66	The change of the entropy in natural time under time-reversal in the Olamiâ€“Federâ€“Christensen earthquake model. Tectonophysics, 2011, 513, 49-53.	2.2	49
67	Calculation of diffusion coefficients at any temperature and pressure from a single measurement. II. Heterodiffusion. Physical Review B, 1981, 24, 3606-3609.	3.2	48
68	Basic principles for evaluating an earthquake prediction method. Geophysical Research Letters, 1996, 23, 1295-1298.	4.0	45
69	Summary of the five principles suggested by Varotsos et al. [1996] and the additional questions raised in this debate. Geophysical Research Letters, 1996, 23, 1449-1452.	4.0	45
70	Self-organized criticality and earthquake predictability: A long-standing question in the light of natural time analysis. Europhysics Letters, 2020, 132, 29001.	2.0	43
71	Multiplicative cascades and seismicity in natural time. Physical Review E, 2009, 80, 022102.	2.1	42
72	Similarity of fluctuations in systems exhibiting Self-Organized Criticality. Europhysics Letters, 2011, 96, 28006.	2.0	42

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73	Scale-specific order parameter fluctuations of seismicity before mainshocks: Natural time and Detrended Fluctuation Analysis. Europhysics Letters, 2012, 99, 59001.	2.0	41
74	Natural-time analysis of critical phenomena:â€‰Theâ€‰caseâ€‰ofâ€‰seismicity. Europhysics Letters, 2010, 92, 29002.	2.0	40
75	Natural time analysis: On the deadly Mexico M8.2 earthquake on 7 September 2017. Physica A: Statistical Mechanics and Its Applications, 2018, 506, 625-634.	2.6	40
76	Phenomena preceding major earthquakes interconnected through a physical model. Annales Geophysicae, 2019, 37, 315-324.	1.6	40
77	A remarkable change of the entropy of seismicity in natural time under time reversal before the super-giant M9 Tohoku earthquake on 11 March 2011. Europhysics Letters, 2018, 124, 29001.	2.0	39
78	Tsallis Entropy Index q and the Complexity Measure of Seismicity in Natural Time under Time Reversal before the M9 Tohoku Earthquake in 2011. Entropy, 2018, 20, 757.	2.2	36
79	Magnetic field near the outcrop of an almost horizontal conductive sheet. Journal of Geodynamics, 2002, 33, 463-476.	1.6	33
80	Identifying the occurrence time of an impending major earthquake: a review. Earthquake Science, 2017, 30, 209-218.	0.9	33
81	Fluctuations of the entropy change under time reversal: Further investigations on identifying the occurrence time of an impending major earthquake. Europhysics Letters, 2020, 130, 29001.	2.0	33
82	Detection of electromagnetic earthquake precursory signals in Greece. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2000, 76, 45-50.	3.8	32
83	Flux avalanches inYBa2Cu3O7â^'xfilms and rice piles: Natural time domain analysis. Physical Review B, 2006, 73, .	3.2	32
84	Heart rate variability in natural time and 1/f â€œnoiseâ€• Europhysics Letters, 2009, 87, 18003.	2.0	32
85	The Complexity Measures Associated with the Fluctuations of the Entropy in Natural Time before the Deadly MÃ©xico M8.2 Earthquake on 7 September 2017. Entropy, 2018, 20, 477.	2.2	32
86	A Prototype Photoplethysmography Electronic Device that Distinguishes Congestive Heart Failure from Healthy Individuals by Applying Natural Time Analysis. Electronics (Switzerland), 2019, 8, 1288.	3.1	30
87	Defect volumes and the equation of state in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi mathvariant="normal">Pb</mml:mi><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2007, 76, .	3.2	28
88	Order parameter fluctuations in natural time and <i>b</i>-value variation before large earthquakes. Natural Hazards and Earth System Sciences, 2012, 12, 3473-3481.	3.6	28
89	Natural Time Analysis: The Area under the Receiver Operating Characteristic Curve of the Order Parameter Fluctuations Minima Preceding Major Earthquakes. Entropy, 2020, 22, 583.	2.2	26
90	Additional evidence on some relationship between Seismic Electric Signals (SES) and earthquake focal mechanism. Tectonophysics, 2006, 412, 279-288.	2.2	23

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91	Effects of Near Wall Modeling in the Improved-Delayed-Detached-Eddy-Simulation (IDDES) Methodology. Entropy, 2018, 20, 771.	2.2	21
92	Field experimentation on the detectability of co-seismic electric signals. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2000, 76, 51-56.	3.8	20
93	Effect of significant data loss on identifying electric signals that precede rupture estimated by detrended fluctuation analysis in natural time. Chaos, 2010, 20, 033111.	2.5	18
94	Natural time analysis: Important changes of the order parameter of seismicity preceding the 2011 M9 Tohoku earthquake in Japan. Europhysics Letters, 2019, 125, 69001.	2.0	18
95	Magnetic field variations associated with the SES before the 6.6 Grevena-Kozani earthquake. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2001, 77, 93-97.	3.8	17
96	Electric pulses some minutes before earthquake occurrences. Applied Physics Letters, 2007, 90, 064104.	3.3	17
97	Remarkable changes in the distribution of the order parameter of seismicity before mainshocks. Europhysics Letters, 2012, 100, 39002.	2.0	17
98	Statistical Significance of Minimum of the Order Parameter Fluctuations of Seismicity Before Major Earthquakes in Japan. Pure and Applied Geophysics, 2016, 173, 165-172.	1.9	17
99	Natural Time Analysis of Seismicity within the Mexican Flat Slab before the M7.1 Earthquake on 19 September 2017. Entropy, 2020, 22, 730.	2.2	17
100	Comments on the depolarization currents stimulated by variations of temperature or pressureâ€. Journal of Physics and Chemistry of Solids, 1992, 53, 1007-1011.	4.0	16
101	Dielectric and electrical properties of polycrystalline rocks at various hydration levels. IEEE Transactions on Dielectrics and Electrical Insulation, 2000, 7, 493-497.	2.9	15
102	A plausible explanation of the b-value in the Gutenberg-Richter law from first Principles. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2004, 80, 429-434.	3.8	15
103	What happened before the last five strong earthquakes in Greece: Facts and open questions. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2006, 82, 86-91.	3.8	15
104	The importance of anharmonic effects in models that interconnect point defect parameters with bulk properties in solids. Journal of Applied Physics, 2009, 105, 083524.	2.5	15
105	Introduction to Seismic Electric Signals. , 2011, , 3-115.		15
106	Seismic electric signals in seismic prone areas. Earthquake Science, 2018, 31, 44-51.	0.9	15
107	On a new analysis of the diffusion experiments under pressure. Journal of Physics C: Solid State Physics, 1978, 11, L305-L309.	1.5	14
108	On the question of the calculation of migration volumes in ionic crystals. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1980, 42, 13-18.	0.6	14

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109	Determination of the Compressibility of an Alloy from Its Density. Physica Status Solidi (B): Basic Research, 1980, 102, K67.	1.5	14
110	Prediction of the 6.6 Grevena-Kozani earthquake of May 13, 1995. Physics and Chemistry of the Earth, 1999, 24, 115-121.	0.6	14
111	Magnetic field variations associated with SES. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2001, 77, 87-92.	3.8	14
112	Identifying the occurrence time of an impending mainshock: a very recent case. Earthquake Science, 2015, 28, 215-222.	0.9	13
113	Investigation of the temporal correlations between earthquake magnitudes before the Mexico M8.2 earthquake on 7 September 2017. Physica A: Statistical Mechanics and Its Applications, 2019, 517, 475-483.	2.6	13
114	Order Parameter and Entropy of Seismicity in Natural Time before Major Earthquakes: Recent Results. Geosciences (Switzerland), 2022, 12, 225.	2.2	13
115	Conductivity and dielectric constants of LiD. Physical Review B, 1974, 9, 1866-1869.	3.2	12
116	On a new analysis of the diffusion data in sodium under pressure. Journal of Physics C: Solid State Physics, 1978, 11, L311-L315.	1.5	12
117	Efficiency test of earthquake prediction around Thessaloniki from electrotelluric precursors. Tectonophysics, 1985, 120, 153-161.	2.2	12
118	Activation volumes in lead halides and other solids. Physical Review B, 1986, 33, 2838-2841.	3.2	12
119	Identifying the Occurrence Time of the Deadly Mexico M8.2 Earthquake on 7 September 2017. Entropy, 2019, 21, 301.	2.2	12
120	Study of the conductivity and the reorientation mechanism in the cesium halides doped with Cd++ and Pb++. Physica Status Solidi A, 1974, 26, 311-315.	1.7	10
121	On the extraction of the vacancy formation parameters from specific heat data. Physica Status Solidi A, 1980, 58, 639-644.	1.7	10
122	On a plausible explanation of the connection of point defect parameters with the melting point. Journal of Physics and Chemistry of Solids, 1986, 47, 79-82.	4.0	10
123	Numerical model of the selectivity effect and the Î”V/L criterion. Geophysical Research Letters, 1999, 26, 3245-3248.	4.0	10
124	ITC measurements on sodium fluoride doped with calcium. Physica Status Solidi A, 1980, 57, 331-335.	1.7	9
125	Temperature dependence of the thermal-expansion coefficient of vacancies. Physical Review B, 1980, 21, 3379-3382.	3.2	9
126	On the Motivation and Foundation of Natural Time Analysis: Useful Remarks. Acta Geophysica, 2016, 64, 841-852.	2.0	9

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127	The dielectric loss of X-irradiated LiD + Mg+2. Journal De Physique, 1980, 41, 377-379.	1.8	9
128	Remote sensing natural time analysis of heartbeat data by means of a portable photoplethysmography device. International Journal of Remote Sensing, 2021, 42, 2292-2302.	2.9	9
129	Thermodynamics of Point Defects in Solids and Relation with the Bulk Properties: Recent Results. Crystals, 2022, 12, 686.	2.2	9
130	Defect parameters obtained from positron-annihilation and self-diffusion experiments in silicon. Physical Review B, 1988, 38, 6328-6329.	3.2	8
131	Time-difference between the electric field components of signals prior to major earthquakes. Applied Physics Letters, 2005, 86, 194101.	3.3	8
132	On the recent advances in the study of seismic electric signals (VAN method). Physics and Chemistry of the Earth, 2006, 31, 189-197.	2.9	8
133	Recent Seismic Electric Signals (SES) activities in Greece. Acta Geophysica, 2006, 54, 158-164.	2.0	8
134	Identifying long-range correlated signals upon significant periodic data loss. Tectonophysics, 2011, 503, 189-194.	2.2	8
135	M W9 Tohoku earthquake in 2011 in Japan: precursors uncovered by natural time analysis. Earthquake Science, 2017, 30, 183-191.	0.9	8
136	Precursory variations of Tsallis non-extensive statistical mechanics entropic index associated with the M9 Tohoku earthquake in 2011. European Physical Journal: Special Topics, 2020, 229, 851-859.	2.6	8
137	Dielectric loss of LiD doped with Mg2+. Physica Status Solidi A, 1974, 25, 457-461.	1.7	7
138	Comment on a correlation between the migration enthalpy of a cation vacancy in alkali halides with NaCl structure and their melting points. Physical Review B, 1977, 15, 5994-5995.	3.2	7
139	On the analysis of the defect-experimental data in metals. Journal of Physics F: Metal Physics, 1978, 8, 1373-1378.	1.6	7
140	Comments on the diffusion of a gas in a linear elastic solid. Acta Mechanica, 1980, 36, 129-133.	2.1	7
141	On the formation and activation volume of a vacancy in tetragonal metals. Journal of Physics F: Metal Physics, 1980, 10, 571-574.	1.6	7
142	Interconnection of isothermal elastic data with self-diffusion in sodium. Physical Review B, 1985, 31, 8263-8264.	3.2	7
143	Correlation between the self-diffusion coefficient of lithium and the equation of state. Physical Review B, 1985, 32, 5462-5463.	3.2	7
144	A reply to â€œEvaluation and interpretation of thirteen official van telegrams for the period September 10th, 1986 to April 28th, 1988â€, by J. Drakopoulos, G.N. Stavrakakis and J. Latoussakis. Tectonophysics, 1993, 224, 237-250.	2.2	7

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145	Applying the cBÎ© thermodynamical model to LiF using its equation of state obtained from high pressure diamond anvil cell measurements. Solid State Ionics, 2020, 354, 115404.	2.7	7
146	Magnetovariational and Magnetotelluric study of Ioannina region sensitive to Seismic Electric Signals (SES). I. Journal of Atmospheric Electricity, 2002, 22, 113-137.	0.3	7
147	Comments on the migration volume of vacancies in solids. Physica Status Solidi A, 1979, 55, K63-K66.	1.7	6
148	High-temperature vacancy concentration in Cu. Physical Review B, 1989, 40, 9963-9964.	3.2	6
149	Study of the Denaturation Process in Albuminâ^'Urea Solutions by Means of the Thermally Stimulated Depolarization Currents Technique. The Journal of Physical Chemistry, 1996, 100, 1914-1917.	2.9	6
150	Self-diffusion in sodium under pressure revisited. Journal of Physics Condensed Matter, 2007, 19, 176231.	1.8	6
151	Identifying the occurrence time of an impending major earthquake by means of the fluctuations of the entropy change under time reversal. Europhysics Letters, 2019, 128, 49001.	2.0	6
152	The formation volume of Frenkel defect in silver halides. Journal of Physics and Chemistry of Solids, 1978, 39, 513-514.	4.0	5
153	Comments on the dielectric relaxation in doubly doped CaF2. Physical Review B, 1980, 21, 874-875.	3.2	5
154	Thermodynamic criterion for the analysis of point-defect data in solids. Physical Review B, 1988, 37, 6511-6512.	3.2	5
155	On recent seismic electrical signal activity in northern Greece. Tectonophysics, 1991, 188, 403-405.	2.2	5
156	Reply to â€œRebuttal to Reply by Varotsos and Lazaridou: Towards plainly successful prediction,â€•by Paul W. Burton. Geophysical Research Letters, 1996, 23, 1389-1390.	4.0	5
157	On the difference in the rise times of the two SES electric field components. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2004, 80, 276-282.	3.8	5
158	Influence of anharmonicity on some transport properties of AgBr. Journal De Physique, 1978, 39, 1247-1249.	1.8	5
159	The unusual case of the ultra-deep 2015 Ogasawara earthquake (MW7.9): Natural time analysis. Europhysics Letters, 2021, 135, 49002.	2.0	5
160	On the energy of formation of defects. Solid State Communications, 1978, 27, 401-404.	1.9	4
161	On the curvature of Arrhenius plots of diffusion and its disappearance under pressure with a single-vacancy model. Journal of Physics F: Metal Physics, 1978, 8, 2227-2232.	1.6	4
162	Measurement of ionic thermocurrents in sodium iodide. Journal of Physics C: Solid State Physics, 1980, 13, 3003-3009.	1.5	4

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163	On the temperature and pressure variation of the static dielectric constant in alkaline earth fluorides. Journal of Applied Physics, 1980, 51, 4553-4554.	2.5	4
164	On the Proportionality of the Migration Volume and the Migration Enthalpy in Fluorides. Physica Status Solidi (B): Basic Research, 1984, 125, K109.	1.5	4
165	Reply to â€œA false alarm based on electrical activity recorded at a VAN-Station in northern Greece in December 1990,â€•by J. Drakopoulos and G. Stavrakakis. Geophysical Research Letters, 1996, 23, 1359-1362.	4.0	4
166	Large low frequency dielectric constant exhibited by hydrated rock materials. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2001, 77, 19-23.	3.8	4
167	Application of the â€œThomasâ€Fermiâ€•Statistical Model to the Crystals KCl:Sm²⁺, Yb²⁺, and Eu²⁺. Physica Status Solidi (B): Basic Research, 1974, 66, K15.	1.5	3
168	Calculation of the migration barriers in cesium halides. Physical Review B, 1975, 12, 4403-4404.	3.2	3
169	On the correlation of the formation enthalpy for a Schottky defect in alkali halides and the melting point. Solid State Communications, 1978, 25, 583-585.	1.9	3
170	Activation volume for selfâ€diffusion and for the diffusion of impurities in lead. Journal of Applied Physics, 1979, 50, 5764-5767.	2.5	3
171	On the â€œanomalousâ€•curvature of the diffusion plot of bromine in AgBr. Physica Status Solidi (B): Basic Research, 1979, 92, 633-637.	1.5	3
172	Migration and activation defect volumes in CdF2. Physical Review B, 1985, 32, 2634-2635.	3.2	3
173	Comment on "Seismomagnetic Effects from the Long-Awaited 28 September 2004 M 6.0 Parkfield Earthquake" by M. J. S. Johnston, Y. Sasai, G. D. Egbert, and R. J. Mueller. Bulletin of the Seismological Society of America, 2008, 98, 2087-2089.	2.3	3
174	Natural Time Analysis of Seismic Time Series. , 2018, , 199-235.		3
175	Ionic thermocurrent in KCl doped with SO-24. Journal De Physique, 1981, 42, 1481-1483.	1.8	3
176	Activation energies for reorientation of complexes in cesium halides doped with Cd2+ and Pb2+. Physica Status Solidi A, 1975, 28, K65-K67.	1.7	2
177	Dielectric Properties of CsI Doped with Ca2+ or Sr2+. Physica Status Solidi A, 1975, 32, 617-620.	1.7	2
178	On the Thermal Expansivity of Alkali Halide Mixed Crystals. Physica Status Solidi (B): Basic Research, 1980, 100, K47.	1.5	2
179	Point Defect Entropies and Enthalpies in KCl. Physica Status Solidi (B): Basic Research, 1985, 130, K105.	1.5	2
180	Interconnection of activation volumes and activation enthalpies in cubic lead fluoride doped with alkali-metal cations. Physical Review B, 1985, 31, 8273-8274.	3.2	2

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181	Comments on the analysis of self-diffusion in Li probed by spin-lattice relaxation of8Li nuclei. Journal of Physics F: Metal Physics, 1986, 16, 791-794.	1.6	2
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