Eytan Domany

List of Publications by Year
in descending order

176 papers	14,118 citations	19608 61 h-index	22764 112 g-index
179 all docs	179 docs citations	179 times ranked	17421 citing authors

#	Article	IF	Citations
1	Genome-wide midrange transcription profiles reveal expression level relationships in human tissue specification. Bioinformatics, 2005, 21, 650-659.	1.8	971
2	Outcome signature genes in breast cancer: is there a unique set?. Bioinformatics, 2005, 21, 171-178.	1.8	721
3	Stem Cellâ€"Related â€œSelf-Renewalâ€•Signature and High Epidermal Growth Factor Receptor Expression Associated With Resistance to Concomitant Chemoradiotherapy in Glioblastoma. Journal of Clinical Oncology, 2008, 26, 3015-3024.	0.8	631
4	Thousands of samples are needed to generate a robust gene list for predicting outcome in cancer. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5923-5928.	3.3	616
5	A module of negative feedback regulators defines growth factor signaling. Nature Genetics, 2007, 39, 503-512.	9.4	506
6	Superparamagnetic Clustering of Data. Physical Review Letters, 1996, 76, 3251-3254.	2.9	457
7	Equivalence of Cellular Automata to Ising Models and Directed Percolation. Physical Review Letters, 1984, 53, 311-314.	2.9	421
8	Pathway-based personalized analysis of cancer. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6388-6393.	3.3	366
9	Association of survival and disease progression with chromosomal instability: A genomic exploration of colorectal cancer. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7131-7136.	3.3	326
10	DNA microarrays identification of primary and secondary target genes regulated by p53. Oncogene, 2001, 20, 2225-2234.	2.6	308
11	Classification of continuous order-disorder transitions in adsorbed monolayers. Physical Review B, 1978, 18, 2209-2217.	1.1	242
12	Resampling Method for Unsupervised Estimation of Cluster Validity. Neural Computation, 2001, 13, 2573-2593.	1.3	234
13	Relationship of Gene Expression and Chromosomal Abnormalities in Colorectal Cancer. Cancer Research, 2006, 66, 2129-2137.	0.4	231
14	Recovery of protein structure from contact maps. Folding & Design, 1997, 2, 295-306.	4.5	230
15	Solutions to the SchrÃ¶dinger equation on some fractal lattices. Physical Review B, 1983, 28, 3110-3123.	1.1	223
16	RNF20 and USP44 Regulate Stem Cell Differentiation by Modulating H2B Monoubiquitylation. Molecular Cell, 2012, 46, 662-673.	4.5	187
17	Expression of L1-CAM and ADAM10 in Human Colon Cancer Cells Induces Metastasis. Cancer Research, 2007, 67, 7703-7712.	0.4	186
18	Finite-Size Scaling and Lack of Self-Averaging in Critical Disordered Systems. Physical Review Letters, 1998, 81, 22-25.	2.9	182

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19	The execution of the transcriptional axis mutant p53, E2F1 and ID4 promotes tumor neo-angiogenesis. Nature Structural and Molecular Biology, 2009, 16, 1086-1093.	3.6	182
20	Classification of Order-Disorder Transitions in Common Adsorbed Systems: Realization of the Four-State Potts Model. Physical Review Letters, 1977, 38, 1148-1151.	2.9	160
21	GeneNote: whole genome expression profiles in normal human tissues. Comptes Rendus - Biologies, 2003, 326, 1067-1072.	0.1	153
22	Functional immunomics: Microarray analysis of IgG autoantibody repertoires predicts the future response of mice to induced diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14615-14621.	3.3	146
23	Pairwise contact potentials are unsuitable for protein folding. Journal of Chemical Physics, 1998, 109, 11101-11108.	1.2	136
24	Phase transitions in fully frustrated spin systems. Physical Review B, 1985, 32, 1778-1795.	1.1	133
25	Data Clustering Using a Model Granular Magnet. Neural Computation, 1997, 9, 1805-1842.	1.3	130
26	Coupled preâ€mRNA and mRNA dynamics unveil operational strategies underlying transcriptional responses to stimuli. Molecular Systems Biology, 2011, 7, 529.	3.2	126
27	Duality relations and equivalences for models with O(N) and cubic symmetry. Nuclear Physics B, 1981, 190, 279-287.	0.9	124
28	Identification of a proliferation gene cluster associated with HPV E6/E7 expression level and viral DNA load in invasive cervical carcinoma. Oncogene, 2005, 24, 7094-7104.	2.6	122
29	Critical properties of random Potts models. Physical Review B, 1981, 23, 3421-3434.	1.1	119
30	Self-averaging, distribution of pseudocritical temperatures, and finite size scaling in critical disordered systems. Physical Review E, 1998, 58, 2938-2951.	0.8	117
31	Lack of self-averaging in critical disordered systems. Physical Review E, 1995, 52, 3469-3484.	0.8	107
32	Can a pairwise contact potential stabilize native protein folds against decoys obtained by threading?. , 2000, 38, 134-148.		102
33	General cluster Monte Carlo dynamics. Physical Review B, 1991, 43, 8539-8548.	1.1	98
34	Destruction of first-order transitions by symmetry-breaking fields. Physical Review B, 1977, 15, 5432-5441.	1.1	97
35	Molecular Mechanisms of Liver Carcinogenesis in the Mdr2-Knockout Mice. Molecular Cancer Research, 2007, 5, 1159-1170.	1.5	97
36	Simulations without critical slowing down. Physical Review Letters, 1988, 60, 1591-1594.	2.9	95

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37	Two-dimensional anisotropic N-vector models. Physical Review B, 1979, 19, 5817-5834.	1.1	93
38	Two Phases of Mitogenic Signaling Unveil Roles for p53 and EGR1 in Elimination of Inconsistent Growth Signals. Molecular Cell, 2011, 42, 524-535.	4.5	93
39	The Wnt inhibitory factor 1 (WIF1) is targeted in glioblastoma and has a tumor suppressing function potentially by induction of senescence. Neuro-Oncology, 2011, 13, 736-747.	0.6	92
40	Magnetization of Cubic Ferromagnets and the Three-Component Potts Model. Physical Review Letters, 1976, 37, 565-568.	2.9	91
41	Genome-wide comparison of human keratinocyte and squamous cell carcinoma responses to UVB irradiation: implications for skin and epithelial cancer. Oncogene, 2003, 22, 2993-3006.	2.6	90
42	EGR1 and the ERKâ€ERF axis drive mammary cell migration in response to EGF. FASEB Journal, 2012, 26, 1582-1592.	0.2	88
43	Exact Results for Two- and Three-Dimensional Ising and Potts Models. Physical Review Letters, 1984, 52, 871-874.	2.9	87
44	miRâ€10b*, a master inhibitor of the cell cycle, is downâ€regulated in human breast tumours. EMBO Molecular Medicine, 2012, 4, 1214-1229.	3.3	85
45	Chromosome 7 gain and DNA hypermethylation at the HOXA10 locus are associated with expression of a stem cell related HOX-signature in glioblastoma. Genome Biology, 2015, 16, 16.	3.8	82
46	Cluster dynamics for fully frustrated systems. Physical Review Letters, 1990, 65, 941-944.	2.9	80
47	Multiple Adaptive Mechanisms to Chronic Liver Disease Revealed at Early Stages of Liver Carcinogenesis in the Mdr2-Knockout Mice. Cancer Research, 2006, 66, 4001-4010.	0.4	80
48	Phase Transitions in Two-Dimensional Systems. Physical Review Letters, 1978, 40, 561-564.	2.9	79
49	Dynamical Phase Transitions in Hierarchical Structures. Physical Review Letters, 1985, 55, 2176-2179.	2.9	79
50	Reversible Dysfunction of Wild-Type p53 following Homeodomain-Interacting Protein Kinase-2 Knockdown. Cancer Research, 2008, 68, 3707-3714.	0.4	78
51	Mutant p53 oncogenic functions are sustained by Plk2 kinase through an autoregulatory feedback loop. Cell Cycle, 2011, 10, 4330-4340.	1.3	74
52	Gene expression analysis reveals a strong signature of an interferon-induced pathway in childhood lymphoblastic leukemia as well as in breast and ovarian cancer. Oncogene, 2005, 24, 6367-6375.	2.6	70
53	Using High-Throughput Transcriptomic Data for Prognosis: A Critical Overview and Perspectives. Cancer Research, 2014, 74, 4612-4621.	0.4	70
54	Design principle of gene expression used by human stem cells: implication for pluripotency. FASEB Journal, 2005, 19, 147-149.	0.2	69

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55	Nanog transforms NIH3T3 cells and targets cell-type restricted genes. Biochemical and Biophysical Research Communications, 2006, 343, 279-285.	1.0	69
56	Amplification of the 20q Chromosomal Arm Occurs Early in Tumorigenic Transformation and May Initiate Cancer. PLoS ONE, 2011, 6, e14632.	1.1	69
57	Equations of state for bicritical points. I. Calculations in the disordered phase. Physical Review B, 1976, 13, 236-250.	1.1	68
58	Down-regulation of LATS kinases alters p53 to promote cell migration. Genes and Development, 2015, 29, 2325-2330.	2.7	68
59	Coupled two-way clustering analysis of breast cancer and colon cancer gene expression data. Bioinformatics, 2003, 19, 1079-1089.	1.8	66
60	Exact solution of a layered neural network model. Physical Review Letters, 1987, 59, 359-362.	2.9	65
61	Protein fold recognition and dynamics in the space of contact maps. , 1996, 26, 391-410.		64
62	The promoters of human cell cycle genes integrate signals from two tumor suppressive pathways during cellular transformation. Molecular Systems Biology, 2005, 1, 2005.0022.	3.2	64
63	Positional distribution of human transcription factor binding sites. Nucleic Acids Research, 2008, 36, 6795-6805.	6.5	64
64	Diurnal suppression of EGFR signalling by glucocorticoids and implications for tumour progression and treatment. Nature Communications, 2014, 5, 5073.	5.8	64
65	Simulations without critical slowing down: Ising and three-state Potts models. Physical Review B, 1989, 40, 330-344.	1.1	63
66	Critical behavior of the random-bond Ashkin-Teller model: A Monte Carlo study. Physical Review E, 1995, 51, 3074-3086.	0.8	63
67	An antibody profile of systemic lupus erythematosus detected by antigen microarray. Immunology, 2010, 130, 337-343.	2.0	61
68	Phase transitions in two-dimensional systems. Journal of Applied Physics, 1978, 49, 1315-1320.	1.1	58
69	The Effect of Simulated Microgravity on Human Mesenchymal Stem Cells Cultured in an Osteogenic Differentiation System: A Bioinformatics Study. Tissue Engineering - Part A, 2010, 16, 3403-3412.	1.6	58
70	Cluster Analysis of Gene Expression Data. Journal of Statistical Physics, 2003, 110, 1117-1139.	0.5	57
71	Wide-Scale Analysis of Human Functional Transcription Factor Binding Reveals a Strong Bias towards the Transcription Start Site. PLoS ONE, 2007, 2, e807.	1.1	55
72	Scaling theory of Anderson localization: A renormalization-group approach. Physical Review B, 1981, 23, 6018-6036.	1.1	53

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73	Transcriptional Programs following Genetic Alterations in p53, INK4A, and H-Ras Genes along Defined Stages of Malignant Transformation. Cancer Research, 2005, 65, 4530-4543.	0.4	52
74	Cluster analysis of human autoantibody reactivities in health and in type 1 diabetes mellitus: a bio-informatic approach to immune complexity. Journal of Autoimmunity, 2003, 21, 65-75.	3.0	50
75	Genes overexpressed in different human solid cancers exhibit different tissue-specific expression profiles. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13122-13127.	3.3	49
76	Cluster method for the Ashkin-Teller model. Physical Review E, 1993, 48, 4080-4090.	0.8	48
77	Vascular gene expression and phenotypic correlation during differentiation of human embryonic stem cells. Developmental Dynamics, 2005, 232, 487-497.	0.8	47
78	Superparamagnetic clustering of data â€" The definitive solution of an ill-posed problem. Physica A: Statistical Mechanics and Its Applications, 1999, 263, 158-169.	1.2	45
79	Prediction of chromosomal aneuploidy from gene expression data. Genes Chromosomes and Cancer, 2007, 46, 75-86.	1.5	45
80	c-Met activation leads to the establishment of a TGFÎ²-receptor regulatory network in bladder cancer progression. Nature Communications, 2019, 10, 4349.	5.8	44
81	Proposed structure of hydrogen on Ni(111). Solid State Communications, 1979, 30, 331-332.	0.9	43
82	Identification of novel DNA-damage tolerance genes reveals regulation of translesion DNA synthesis by nucleophosmin. Nature Communications, 2014, 5, 5437.	5.8	43
83	Theory of order-disorder transitions in the graphite intercalation compounds C_8Cs, C_8Rb, and C_6Li. Physical Review B, 1979, 20, 2818-2822.	1.1	42
84	Toward an energy function for the contact map representation of proteins. Proteins: Structure, Function and Bioinformatics, 2000, 40, 237-248.	1.5	42
85	Epsteinâ€"Barr virus antibodies mark systemic lupus erythematosus and scleroderma patients negative for antiâ€‹<scp>DNA</scp>. Immunology, 2014, 141, 276-285.	2.0	42
86	Automated assignment of SCOP and CATH protein structure classifications from FSSP scores. Proteins: Structure, Function and Bioinformatics, 2002, 46, 405-415.	1.5	40
87	Context-specific microRNA analysis: identification of functional microRNAs and their mRNA targets. Nucleic Acids Research, 2012, 40, 10614-10627.	6.5	39
88	Pathwayâ€‹based personalized analysis of breast cancer expression data. Molecular Oncology, 2015, 9, 1471-1483.	2.1	38
89	mRNA-seq whole transcriptome profiling of fresh frozen versus archived fixed tissues. BMC Genomics, 2018, 19, 419.	1.2	38
90	The locus of microRNA-10b. Cell Cycle, 2013, 12, 2371-2375.	1.3	37

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91	Rigorous derivation of domain growth kinetics without conservation laws. Journal of Statistical Physics, 1990, 58, 685-706.	0.5	36
92	Statistical properties of contact maps. Physical Review E, 1999, 59, 977-984.	0.8	36
93	Do Two Machine-Learning Based Prognostic Signatures for Breast Cancer Capture the Same Biological Processes?. PLoS ONE, 2011, 6, e17795.	1.1	35
94	Equations of state for bicritical points. III. Cubic anisotropy and tetracriticality. Physical Review B, 1977, 15, 3510-3521.	1.1	34
95	Efficient dynamics in the space of contact maps. Folding & Design, 1998, 3, 329-336.	4.5	34
96	Comparison of two optimization methods to derive energy parameters for protein folding: Perceptron andZ score. Proteins: Structure, Function and Bioinformatics, 2000, 41, 192-201.	1.5	34
97	Spin Domains Generate Hierarchical Ground State Structure inJ=Â±1Spin Glasses. Physical Review Letters, 2001, 86, 3148-3151.	2.9	34
98	Superparamagnetic clustering of data. Physical Review E, 1998, 57, 3767-3783.	0.8	33
99	Layered feed-forward neural network with exactly soluble dynamics. Physical Review A, 1988, 37, 608-618.	1.0	32
100	The Entropy of a Binary Hidden Markov Process. Journal of Statistical Physics, 2005, 121, 343-360.	0.5	32
101	Advanced Molecular Profiling in Vivo Detects Novel Function of Dickkopf-3 in the Regulation of Bone Formation. Journal of Bone and Mineral Research, 2006, 21, 1935-1945.	3.1	32
102	c-Kit Is Suppressed in Human Colon Cancer Tissue and Contributes to L1-Mediated Metastasis. Cancer Research, 2013, 73, 5754-5763.	0.4	32
103	An Algorithm-Independent Definition of Damage Spreadingâ€"Application to Directed Percolation. Journal of Statistical Physics, 1997, 88, 617-636.	0.5	30
104	Finding Motifs in Promoter Regions. Journal of Computational Biology, 2005, 12, 314-330.	0.8	30
105	Chronic rejection of a lung transplant is characterized by a profile of specific autoantibodies. Immunology, 2010, 130, 427-435.	2.0	30
106	Molecular mechanisms of the chemopreventive effect on hepatocellular carcinoma development in Mdr2 knockout mice. Molecular Cancer Therapeutics, 2007, 6, 1283-1291.	1.9	29
107	Renormalization-group study of Anderson localization. Physical Review B, 1979, 20, 4726-4729.	1.1	28
108	Cluster Monte Carlo dynamics for the fully frustrated Ising model. Physical Review B, 1992, 45, 4700-4709.	1.1	28

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109	An accessible database for mouse and human whole transcriptome qPCR primers. Bioinformatics, 2013, 29, 1355-1356.	1.8	28
110	Neural networks: A biased overview. Journal of Statistical Physics, 1988, 51, 743-775.	0.5	26
111	Genome-wide analysis discloses reversal of the hypoxia-induced changes of gene expression in colon cancer cells by zinc supplementation. Oncotarget, 2011, 2, 1191-1202.	0.8	26
112	Dynamic Transition in a Hierarchical Ising System. Physical Review Letters, 1986, 56, 2229-2232.	2.9	25
113	Protein folding using contact maps. Vitamins and Hormones, 2000, 58, 171-212.	0.7	25
114	Intensity dependent estimation of noise in microarrays improves detection of differentially expressed genes. BMC Bioinformatics, 2010, 11, 400.	1.2	25
115	Parkinson disease (*PARK*) genes are somatically mutated in cutaneous melanoma. Neurology: Genetics, 2016, 2, e70.	0.9	24
116	Novel Lifshitz tricritical point and critical dynamics. Physical Review B, 1985, 32, 3358-3360.	1.1	22
117	Flowing Sand: A Physical Realization of Directed Percolation. Physical Review Letters, 1999, 83, 4999-5002.	2.9	22
118	Inhibition of p53-induced apoptosis without affecting expression of p53-regulated genes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6718-6723.	3.3	22
119	Lack of Ultrametricity in the Low-Temperature Phase of Three-Dimensional Ising Spin Glasses. Physical Review Letters, 2004, 92, 157201.	2.9	22
120	Damage spreading in the Ising model. Physical Review E, 1997, 56, 94-98.	0.8	21
121	Equations of state for bicritical points. II. Ising-like ordered phases. Physical Review B, 1977, 15, 3493-3509.	1.1	20
122	Critical dynamics, Lifshitz tricriticality, and supersymmetry: The Ising model on the hcp lattice. Physical Review B, 1985, 32, 3354-3357.	1.1	20
123	Folding Lennard-Jones proteins by a contact potential. , 1999, 37, 544-553.		20
124	Coupled two-way clustering server. Bioinformatics, 2003, 19, 1153-1154.	1.8	20
125	Renormalization-group analysis of Lifshitz tricritical behavior. Physical Review B, 1987, 36, 2006-2014.	1.1	19
126	Coordinated Pulses of mRNA and of Protein Translation or Degradation Produce EGF-Induced Protein Bursts. Cell Reports, 2017, 18, 3129-3142.	2.9	19

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127	Aberrant transcriptional and post-transcriptional regulation of SPAG5, a YAP-TAZ-TEAD downstream effector, fuels breast cancer cell proliferation. Cell Death and Differentiation, 2021, 28, 1493-1511.	5.0	19
128	Nearest-neighbor Ising model with a uniaxial incommensurate phase and a Lifshitz point. Physical Review B, 1984, 29, 4095-4107.	1.1	18
129	Human cancers overexpress genes that are specific to a variety of normal human tissues. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18556-18561.	3.3	18
130	Topological simulations of dynamical features in coarsening soap froth. Physical Review E, 1996, 54, 2766-2772.	0.8	17
131	FDR control with adaptive procedures and FDR monotonicity. Annals of Applied Statistics, 2011, 5, .	0.5	17
132	Order-disorder transitions in stage-2 graphite intercalation compounds. Physical Review B, 1981, 23, 1320-1324.	1.1	16
133	Topological Distribution of Survivors in an Evolving Cellular Structure. Physical Review Letters, 1994, 73, 756-759.	2.9	16
134	Potts Ferromagnets on Coexpressed Gene Networks: Identifying Maximally Stable Partitions. Physical Review Letters, 2003, 90, 158102.	2.9	16
135	STOP: searching for transcription factor motifs using gene expression. Bioinformatics, 2007, 23, 1737-1743.	1.8	16
136	Interspecies comparison of prostate cancer gene€expression profiles reveals genes associated with aggressive tumors. Prostate, 2009, 69, 1034-1044.	1.2	15
137	Epidermal Growth-Factor â€" Induced Transcript Isoform Variation Drives Mammary Cell Migration. PLoS ONE, 2013, 8, e80566.	1.1	15
138	Iterated learning in a layered feed-forward neural network. Physical Review A, 1988, 37, 2660-2668.	1.0	14
139	Study of cubic anisotropy in three dimensions by the scaling€field method. Journal of Applied Physics, 1979, 50, 1804-1806.	1.1	13
140	Anisotropic Ising model on the hexagonal-close-packed lattice. Physical Review B, 1988, 37, 1719-1732.	1.1	13
141	Learning the Unlearnable. Neural Computation, 1991, 3, 604-616.	1.3	13
142	DYNAMICAL FEATURES IN COARSENING SOAP FROTH: TOPOLOGICAL APPROACH. International Journal of Modern Physics B, 1996, 10, 3765-3805.	1.0	13
143	Multiple scattering formalism: Application to scattering by two spheres. Journal of Applied Physics, 1984, 56, 132-136.	1.1	12
144	State hierarchy induced by correlated spin domains in short-range spin glasses. Physical Review B, 2001, 64, .	1.1	12

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145	Integrative analysis correlates donor transcripts to recipient autoantibodies in primary graft dysfunction after lung transplantation. Immunology, 2011, 132, 394-400.	2.0	12
146	Induction in myeloid leukemic cells of genes that are expressed in different normal tissues. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16022-16027.	3.3	11
147	Blastocyst implantation failure relates to impaired translational machinery gene expression. Reproduction, 2014, 148, 87-98.	1.1	11
148	Nearest-neighbor Ising model with an incommensurate phase and a Lifshitz point. Physical Review B, 1983, 28, 2897-2900.	1.1	10
149	Search for a Kosterlitz-Thouless transition in a triangular Ising antiferromagnet with further-neighbor ferromagnetic interactions. Physical Review E, 1995, 52, 4768-4775.	0.8	10
150	Damage Spreading in a 2D Ising Model with Swendsen–Wang Dynamics. Journal of Statistical Physics, 1998, 91, 807-814.	0.5	10
151	Protein folding in contact map space. Physica A: Statistical Mechanics and Its Applications, 2000, 288, 1-9.	1.2	10
152	Taylor series expansions for the entropy rate of Hidden Markov Processes. , 2006, , .		10
153	Comprehensive Gene Expression Analysis Detects Global Reduction of Proteasome Subunits in Schizophrenia. Schizophrenia Bulletin, 2021, 47, 785-795.	2.3	10
154	F2CS: FSSP to CATH and SCOP prediction server. Bioinformatics, 2004, 20, 2150-2152.	1.8	8
155	Transcriptional profiling reveals a subset of human breast tumors that retain wt *TP53* but display mutant p53–associated features. Molecular Oncology, 2020, 14, 1640-1652.	2.1	8
156	Real-space renormalization-group study of the $Z(5)$ model. Physical Review B, 1981, 24, 4008-4012.	1.1	7
157	Ising spin dynamics on fractal lattices. Physical Review B, 1987, 35, 3354-3358.	1.1	7
158	qCMA. Journal of Biomolecular Screening, 2013, 18, 356-360.	2.6	7
159	$Z(4)$ model on the triangular lattice. Physical Review B, 1983, 27, 3043-3053.	1.1	6
160	Flowing Sand–A Possible Physical Realization of Directed Percolation. Journal of Statistical Physics, 2000, 98, 1149-1168.	0.5	6
161	Tumor Evolution Inferred by Patterns of microRNA Expression through the Course of Disease, Therapy, and Recurrence in Breast Cancer. Clinical Cancer Research, 2016, 22, 3651-3662.	3.2	6
162	Application of multiple scattering theory to subsurface defects. Journal of Applied Physics, 1984, 56, 137-142.	1.1	5

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163	Nontrivial link overlap distribution in three-dimensional Ising spin glasses. Physical Review B, 2007, 76, .	1.1	5
164	Layered Neural Networks. Physics of Neural Networks, 1991, , 307-334.	0.1	4
165	Ostwald Ripening in Two Dimensions: Treatment with Pairwise Interactions. Journal of Statistical Physics, 1998, 93, 501-510.	0.5	3
166	Analysis of DNA-chip and antigen-chip data: studies of cancer, stem cells and autoimmune diseases. Computer Physics Communications, 2005, 169, 183-187.	3.0	3
167	Gene Expression following Exposure to Celecoxib in Humans: Pathways of Inflammation and Carcinogenesis Are Activated in Tumors but Not Normal Tissues. Digestion, 2011, 84, 169-184.	1.2	3
168	Critical Phenomena in Two Dimensions: Theoretical Models and Physical Realizations. , 1982, , 119-141.		3
169	ON THE EQUIVALENCE OF TWO-LAYERED PERCEPTRONS WITH BINARY NEURONS. International Journal of Neural Systems, 1995, 06, 225-231.	3.2	2
170	Pemphigus vulgaris is characterized by low IgG reactivities to specific self‐antigens along with high IgG reactivity to desmoglein 3. Immunology, 2014, 143, 374-380.	2.0	2
171	Guanine polynucleotides are self‐antigens for human natural autoantibodies and are significantly reduced in the human genome. Immunology, 2015, 146, 401-410.	2.0	2
172	AN ALL-OPTICAL HOPFIELD NETWORK: THEORY AND EXPERIMENT. International Journal of Neural Systems, 1991, 01, 355-360.	3.2	1
173	Scaling theory of Anderson localization: A renormalization group approach. Lecture Notes in Physics, 1981, , 267-274.	0.3	0
174	Ising spin dynamics on fractal lattices. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1987, 56, 873-874.	0.6	0
175	CLUSTER ANALYSIS OF DNA-CHIP DATA. , 2002, , .		0
176	Layered Neural Networks. Physics of Neural Networks, 1995, , 317-344.	0.1	0