Alessandro Giuliani

List of Publications by Year
in descending order

313 papers	8,121 citations	53794 45 h-index	91884 69 g-index
324 all docs	324 docs citations	324 times ranked	10179 citing authors

#	Article	IF	Citations
1	Non-integrable Ising Models in Cylindrical Geometry: Grassmann Representation and Infinite Volume Limit. Annales Henri Poincare, 2022, 23, 1061-1139.	1.7	3
2	Identifying toggle genes from transcriptome-wide scatter: A new perspective for biological regulation. Genomics, 2022, 114, 215-228.	2.9	6
3	VSTAR: Visual Semantic Thumbnails and tAgs Revitalization. Expert Systems With Applications, 2022, 193, 116375.	7.6	4
4	An organoid model of colorectal circulating tumor cells with stem cell features, hybrid EMT state and distinctive therapy response profile. Journal of Experimental and Clinical Cancer Research, 2022, 41, 86.	8.6	31
5	Soft Statistical Mechanics for Biology. Methods in Molecular Biology, 2022, 2449, 263-280.	0.9	1
6	Biophysical Insight into the SARS-CoV2 Spike–ACE2 Interaction and Its Modulation by Hepcidin through a Multifaceted Computational Approach. ACS Omega, 2022, 7, 17024-17042.	3.5	9
7	Stability and flexibility in psychotherapy process predict outcome. Acta Psychologica, 2022, 227, 103604.	1.5	2
8	A New Perspective of Genome Regulation from the Physics of Life Standpoint. Proceedings of the Latvian Academy of Sciences, 2022, 76, 163-167.	0.1	0
9	PCN-Miner: an open-source extensible tool for the analysis of Protein Contact Networks. Bioinformatics, 2022, 38, 4235-4237.	4.1	11
10	Phenotypic suppression caused by resonance with light-dark cycles indicates the presence of a 24-hours oscillator in yeast and suggests a new role of intrinsically disordered protein regions as internal mediators. Journal of Biomolecular Structure and Dynamics, 2021, 39, 2490-2501.	3.5	7
11	Non-symmetrical structural behavior of a symmetric protein: the case of homo-trimeric TRAF2 (tumor) Tj ETQq1 1 0.784314 rgBT /Ove 39, 319-329.	3.5	10
12	Psychodynamic Factor as Predictor of Outcome in the Treatment of a Psychosomatic Spectrum Patient. Journal of Contemporary Psychotherapy, 2021, 51, 145-153.	1.2	0
13	Shaping therapeutic trajectories in mental health: Instructive vs. permissive causality. European Neuropsychopharmacology, 2021, 43, 1-9.	0.7	19
14	Differentiating cancer cells reveal early large-scale genome regulation by pericentric domains. Biophysical Journal, 2021, 120, 711-724.	0.5	20
15	Anomaly Non-renormalization in Interacting Weyl Semimetals. Communications in Mathematical Physics, 2021, 384, 997-1060.	2.2	8
16	Repeated Exposure to Subinfectious Doses of SARS-CoV-2 May Promote T Cell Immunity and Protection against Severe COVID-19. Viruses, 2021, 13, 961.	3.3	11
17	Heterochromatin Networks: Topology, Dynamics, and Function (a Working Hypothesis). Cells, 2021, 10, 1582.	4.1	14
18	Networks of Networks: An Essay on Multi-Level Biological Organization. Frontiers in Genetics, 2021, 12, 706260.	2.3	15

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19	Candida gut colonization, yeast species distribution, and biofilm production in Clostridioides difficile infected patients: a comparison between three populations in two different time periods. Brazilian Journal of Microbiology, 2021, 52, 1845-1852.	2.0	3
20	Self-organization of whole-gene expression through coordinated chromatin structural transition. Biophysics Reviews, 2021, 2, .	2.7	14
21	miR-125a-5p impairs the metastatic potential in breast cancer via IP6K1 targeting. Cancer Letters, 2021, 520, 48-56.	7.2	10
22	Plasmatic Exosome Number and Size Distinguish Prostate Cancer Patients From Healthy Individuals: A Prospective Clinical Study. Frontiers in Oncology, 2021, 11, 727317.	2.8	28
23	Network Dynamics in Elemental Assimilation and Metabolism. Entropy, 2021, 23, 1633.	2.2	0
24	IL-13 mRNA Tissue Content Identifies Two Subsets of Adult Ulcerative Colitis Patients With Different Clinical and Mucosa-Associated Microbiota Profiles. Journal of Crohn's and Colitis, 2020, 14, 369-380.	1.3	25
25	Quantization of the Interacting Hall Conductivity in the Critical Regime. Journal of Statistical Physics, 2020, 180, 332-365.	1.2	7
26	A pre-existing population of ZEB2+ quiescent cells with stemness and mesenchymal features dictate chemoresistance in colorectal cancer. Journal of Experimental and Clinical Cancer Research, 2020, 39, 2.	8.6	56
27	Sex Disparity in Response to Hepatitis B Vaccine Related to the Age of Vaccination. International Journal of Environmental Research and Public Health, 2020, 17, 327.	2.6	24
28	Metabolic networks classification and knowledge discovery by information granulation. Computational Biology and Chemistry, 2020, 84, 107187.	2.3	21
29	Fecal Metabolomics as a Novel Noninvasive Method for Short-Term Stress Monitoring in Beef Cattle. Journal of Proteome Research, 2020, 19, 845-853.	3.7	8
30	Plate-Nematic Phase in Three Dimensions. Communications in Mathematical Physics, 2020, 373, 327-356.	2.2	3
31	Cell-Fate Determination from Embryo to Cancer Development: Genomic Mechanism Elucidated. International Journal of Molecular Sciences, 2020, 21, 4581.	4.1	10
32	Phylostratic Shift of Whole-Genome Duplications in Normal Mammalian Tissues towards Unicellularity Is Driven by Developmental Bivalent Genes and Reveals a Link to Cancer. International Journal of Molecular Sciences, 2020, 21, 8759.	4.1	29
33	Modelling and Recognition of Protein Contact Networks by Multiple Kernel Learning and Dissimilarity Representations. Entropy, 2020, 22, 794.	2.2	5
34	Non-integrable Dimers: Universal Fluctuations of Tilted Height Profiles. Communications in Mathematical Physics, 2020, 377, 1883-1959.	2.2	14
35	Nematic first order phase transition for liquid crystals in the van der Waals–Kac limit. Journal of Mathematical Physics, 2020, 61, .	1.1	0
36	Biodynamic Interfaces Are Essential for Human–Environment Interactions. BioEssays, 2020, 42, 2000017.	2.5	13

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37	Complexity in Biological Organization: Deconstruction (and Subsequent Restating) of Key Concepts. Entropy, 2020, 22, 885.	2.2	20
38	Deregulated expression of the imprinted *DLK1-DIO3* region in glioblastoma stemlike cells: tumor suppressor role of lncRNA MEG3. Neuro-Oncology, 2020, 22, 1771-1784.	1.2	44
39	The Discovery of a Putative Allosteric Site in the SARS-CoV-2 Spike Protein Using an Integrated Structural/Dynamic Approach. Journal of Proteome Research, 2020, 19, 4576-4586.	3.7	66
40	Rediscovery of natural compounds acting via multitarget recognition and noncanonical pharmacodynamical actions. Drug Discovery Today, 2020, 25, 920-927.	6.4	9
41	Constraints Shape Cell Function and Morphology by Canalizing the Developmental Path along the Waddington's Landscape. BioEssays, 2020, 42, 1900108.	2.5	13
42	Resolution of Complex Issues in Genome Regulation and Cancer Requires Non-Linear and Network-Based Thermodynamics. International Journal of Molecular Sciences, 2020, 21, 240.	4.1	22
43	Redifferentiation therapeutic strategies in cancer. Drug Discovery Today, 2020, 25, 731-738.	6.4	10
44	Pilot study about the relationship between body perception and sexuality using the DAS59. European Journal of Plastic Surgery, 2020, 43, 475-482.	0.6	0
45	New statistical RI index allow to better track the dynamics of COVID-19 outbreak in Italy. Scientific Reports, 2020, 10, 22365.	3.3	5
46	What Differentiates Poor- and Good-Outcome Psychotherapy? A Statistical-Mechanics-Inspired Approach to Psychotherapy Research, Part Two: Network Analyses. Frontiers in Psychology, 2020, 11, 788.	2.1	12
47	White Matter and Neuroprotection in Alzheimer's Dementia. Molecules, 2020, 25, 503.	3.8	15
48	Minimally invasive video-assisted thyroidectomy and transoral video-assisted thyroidectomy: A comparison of two systematic reviews. Journal of Minimal Access Surgery, 2020, 16, 315.	0.7	4
49	Automated Tag Enrichment by Semantically Related Trends. , 2020, , .		0
50	Efficient Thumbnail Identification through Object Recognition. , 2020, , .		0
51	Co-emergence and Collapse: The Mesoscopic Approach for Conceptualizing and Investigating the Functional Integration of Organisms. Frontiers in Physiology, 2019, 10, 924.	2.8	10
52	A new bioavailable fenretinide formulation with antiproliferative, antimetabolic, and cytotoxic effects on solid tumors. Cell Death and Disease, 2019, 10, 529.	6.3	37
53	Meta-Analysis of Cancer Triploidy: Rearrangements of Genome Complements in Male Human Tumors Are Characterized by XXY Karyotypes. Genes, 2019, 10, 613.	2.4	11
54	Candida blood stream infections observed between 2011 and 2016 in a large Italian University Hospital: A time-based retrospective analysis on epidemiology, biofilm production, antifungal agents consumption and drug-susceptibility. PLoS ONE, 2019, 14, e0224678.	2.5	16

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55	Age-Related Changes of the Neurovascular Unit in the Cerebral Cortex of Alzheimer Disease Mouse Models: A Neuroanatomical and Molecular Study. Journal of Neuropathology and Experimental Neurology, 2019, 78, 101-112.	1.7	15
56	Increased Plasmatic Levels of PSA-Expressing Exosomes Distinguish Prostate Cancer Patients from Benign Prostatic Hyperplasia: A Prospective Study. Cancers, 2019, 11, 1449.	3.7	73
57	Predicting antidepressant treatment outcome based on socioeconomic status and citalopram dose. Pharmacogenomics Journal, 2019, 19, 538-546.	2.0	23
58	Joint action of miR‑126 and MAPK/PI3K inhibitors against metastatic melanoma. Molecular Oncology, 2019, 13, 1836-1854.	4.6	15
59	Measuring empathy: A statistical physics grounded approach. Physica A: Statistical Mechanics and Its Applications, 2019, 526, 120979.	2.6	16
60	In silico approaches for prediction of genotoxic and carcinogenic potential of cosmetic ingredients. Computational Toxicology, 2019, 11, 91-100.	3.3	12
61	Brain Glucose Metabolism Heterogeneity in Idiopathic REM Sleep Behavior Disorder and in Parkinson's Disease. Journal of Parkinson's Disease, 2019, 9, 229-239.	2.8	12
62	The misleading Dodo Bird verdict. How much of the outcome variance is explained by common and specific factors?. New Ideas in Psychology, 2019, 54, 50-55.	1.9	34
63	(Hyper)Graph Embedding and Classification via Simplicial Complexes. Algorithms, 2019, 12, 223.	2.1	21
64	Phenotypic transitions enacted by simulated microgravity do not alter coherence in gene transcription profile. Npj Microgravity, 2019, 5, 27.	3.7	25
65	Non-integrable dimer models: Universality and scaling relations. Journal of Mathematical Physics, 2019, 60, 103301.	1.1	2
66	Myo‑inositol and D‑chiro‑inositol (40:1) reverse histological and functional features of polycystic ovary syndrome in a mouse model. Journal of Cellular Physiology, 2019, 234, 9387-9398.	4.1	54
67	EMDR Group Treatment of Children Refugees—A Field Study. Journal of EMDR Practice and Research, 2019, 13, 143-155.	0.6	16
68	Granular Computing Techniques for Bioinformatics Pattern Recognition Problems in Non-metric Spaces. Studies in Computational Intelligence, 2018, , 53-81.	0.9	24
69	Habitat selection of European pine marten in Central Italy: from a tree dependent to a generalist species. Mammal Research, 2018, 63, 357-367.	1.3	5
70	System Biology Approach: Gene Network Analysis for Muscular Dystrophy. Methods in Molecular Biology, 2018, 1687, 75-89.	0.9	1
71	Microcalcification morphological descriptors and parenchyma fractal dimension hierarchically interact in breast cancer: A diagnostic perspective. Computers in Biology and Medicine, 2018, 93, 1-6.	7.0	11
72	The Search for System's Parameters. Methods in Molecular Biology, 2018, 1702, 57-68.	0.9	1

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73	Gravity Constraints Drive Biological Systems Toward Specific Organization Patterns. BioEssays, 2018, 40, 1700138.	2.5	24
74	Prolonged Voluntary Running Negatively Affects Survival and Disease Prognosis of Male SOD1G93A Low-Copy Transgenic Mice. Frontiers in Behavioral Neuroscience, 2018, 12, 275.	2.0	7
75	Self-Organization of Genome Expression from Embryo to Terminal Cell Fate: Single-Cell Statistical Mechanics of Biological Regulation. Entropy, 2018, 20, 13.	2.2	19
76	Dog Visiting Programs for Managing Depressive Symptoms in Older Adults: A Meta-analysis. Gerontologist, The, 2018, 60, e66-e75.	3.9	9
77	The basic principles of topology-dynamics relations in networks: An empirical approach. Physica A: Statistical Mechanics and Its Applications, 2018, 508, 584-594.	2.6	7
78	Clinical Utility of Multiparametric Magnetic Resonance Imaging as the First-line Tool for Men with High Clinical Suspicion of Prostate Cancer. European Urology Oncology, 2018, 1, 208-214.	5.4	24
79	Unsupervised versus Supervised Identification of Prognostic Factors in Patients with Localized Retroperitoneal Sarcoma: A Data Clustering and Mahalanobis Distance Approach. BioMed Research International, 2018, 2018, 1-11.	1.9	12
80	A two-tiered 2D visual tool for assessing classifier performance. Information Sciences, 2018, 463-464, 323-343.	6.9	8
81	Computational Approach to Musical Consonance and Dissonance. Frontiers in Psychology, 2018, 9, 381.	2.1	15
82	Dealing With the Aftermath of Mass Disasters: A Field Study on the Application of EMDR Integrative Group Treatment Protocol With Child Survivors of the 2016 Italy Earthquakes. Frontiers in Psychology, 2018, 9, 862.	2.1	25
83	Phi-Delta-Diagrams: Software Implementation of a Visual Tool for Assessing Classifier and Feature Performance. Machine Learning and Knowledge Extraction, 2018, 1, 121-137.	5.0	2
84	The Two Faces of Protein Flexibility: A Topological Approach. Current Chemical Biology, 2018, 12, 14-22.	0.5	1
85	Thyroid Hormone and the White Matter of the Central Nervous System: From Development to Repair. Vitamins and Hormones, 2018, 106, 253-281.	1.7	25
86	Big Data. A briefing. Annali Dell'Istituto Superiore Di Sanita, 2018, 54, 174-175.	0.4	2
87	The Robustness/Sensitivity Paradox: An Essay on the Importance of Phase Separation. History, Philosophy and Theory of the Life Sciences, 2018, , 163-173.	0.4	0
88	Measuring Diversity and Accuracy in ANN Ensembles. Lecture Notes in Computer Science, 2018, , 108-117.	1.3	1
89	Using φ-delta$ Diagrams on Web Data. Lecture Notes in Computer Science, 2018, , 148-158.	1.3	0
90	Novel Text Summarization Techniques for Contextual Advertising. , 2018, , 883-903.		0

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91	A resonance based model of biological evolution. Physica A: Statistical Mechanics and Its Applications, 2017, 471, 750-756.	2.6	8
92	The application of principal component analysis to drug discovery and biomedical data. Drug Discovery Today, 2017, 22, 1069-1076.	6.4	158
93	Endocrine Disruptors: Data-based survey of inÂvivo tests, predictive models and the Adverse Outcome Pathway. Regulatory Toxicology and Pharmacology, 2017, 86, 18-24.	2.7	12
94	Progressive Disintegration of Brain Networking from Normal Aging to Alzheimer Disease: Analysis of Independent Components of ^{18}F-FDG PET Data. Journal of Nuclear Medicine, 2017, 58, 1132-1139.	5.0	41
95	A threeâ€microRNA signature identifies two subtypes of glioblastoma patients with different clinical outcomes. Molecular Oncology, 2017, 11, 1115-1129.	4.6	32
96	A new research method to test auditory preferences in young listeners: Results from a consonance versus dissonance perception study. Psychology of Music, 2017, 45, 699-712.	1.6	9
97	A Specific Mutational Signature Associated with DNA 8-Oxoguanine Persistence in MUTYH-defective Colorectal Cancer. EBioMedicine, 2017, 20, 39-49.	6.1	170
98	Haldane relation for interacting dimers. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 034002.	2.3	11
99	Cardiovascular risk in chronic autoimmune thyroiditis and subclinical hypothyroidism patients. A cluster analysis. International Journal of Cardiology, 2017, 230, 115-119.	1.7	12
100	Spectral reconstruction of protein contact networks. Physica A: Statistical Mechanics and Its Applications, 2017, 471, 804-817.	2.6	8
101	Height fluctuations in interacting dimers. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2017, 53, .	1.1	28
102	Early identification of MCI converting to AD: a FDG PET study. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 2042-2052.	6.4	83
103	Universality of the Hall Conductivity in Interacting Electron Systems. Communications in Mathematical Physics, 2017, 349, 1107-1161.	2.2	38
104	Emerging clinical issues and multivariate analyses in PET investigations. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2017, 61, 386-404.	0.7	9
105	Comparative Study of Elastic Network Model and Protein Contact Network for Protein Complexes: The Hemoglobin Case. BioMed Research International, 2017, 2017, 1-15.	1.9	20
106	Single-Cell Reprogramming in Mouse Embryo Development through a Critical Transition State. Entropy, 2017, 19, 584.	2.2	9
107	Supervised Approaches for Function Prediction of Proteins Contact Networks from Topological Structure Information. Lecture Notes in Computer Science, 2017, , 285-296.	1.3	10
108	Crosstalk between mismatch repair and base excision repair in human gastric cancer. Oncotarget, 2017, 8, 84827-84840.	1.8	13

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109	Cell Fate Decision as High-Dimensional Critical State Transition. PLoS Biology, 2016, 14, e2000640.	5.6	298
110	Self-Organizing Global Gene Expression Regulated through Criticality: Mechanism of the Cell-Fate Change. PLoS ONE, 2016, 11, e0167912.	2.5	38
111	The Non-linear Trajectory of Change in Play Profiles of Three Children in Psychodynamic Play Therapy. Frontiers in Psychology, 2016, 7, 1494.	2.1	28
112	Are biofuels sustainable? An LCA/multivariate perspective on feedstocks and processes. Asia-Pacific Journal of Chemical Engineering, 2016, 11, 650-663.	1.5	8
113	Topological phase transitions and universality in the Haldane-Hubbard model. Physical Review B, 2016, 94, .	3.2	12
114	Construction of the Lyapunov Spectrum in a Chaotic System Displaying Phase Synchronization. Mathematical Physics Analysis and Geometry, 2016, 19, 1.	1.0	3
115	Analysis of heat kernel highlights the strongly modular and heat-preserving structure of proteins. Physica A: Statistical Mechanics and Its Applications, 2016, 441, 199-214.	2.6	11
116	Maternal exposure to environmental enrichment before and during gestation influences behaviour of rat offspring in a sex-specific manner. Physiology and Behavior, 2016, 163, 274-287.	2.1	27
117	3T multiparametric MRI of the prostate: Does intravoxel incoherent motion diffusion imaging have a role in the detection and stratification of prostate cancer in the peripheral zone?. European Journal of Radiology, 2016, 85, 790-794.	2.6	61
118	Using woody genera for phytogeographic regionalization at a medium scale: a case study of Italy. Botany, 2016, 94, 533-542.	1.0	7
119	The ground state construction of bilayer graphene. Reviews in Mathematical Physics, 2016, 28, 1650018.	1.7	1
120	GH32 family activity: a topological approach through protein contact networks. Plant Molecular Biology, 2016, 92, 401-410.	3.9	15
121	The response to oxidative stress and metallomics analysis in a twin study: The role of the environment. Free Radical Biology and Medicine, 2016, 97, 236-243.	2.9	5
122	Predicting the transition from normal aging to Alzheimer's disease: A statistical mechanistic evaluation of FDG-PET data. NeuroImage, 2016, 141, 282-290.	4.2	36
123	A Randomized Pilot Study of Inositol in Association with Betaine and Boswellia in the Management of Mastalgia and Benign Breast Lump in Premenopausal Women. Breast Cancer: Basic and Clinical Research, 2016, 10, BCBCR.S38408.	1.1	6
124	Periodic Striped Ground States in Ising Models with Competing Interactions. Communications in Mathematical Physics, 2016, 347, 983-1007.	2.2	19
125	A Pfaffian Formula for Monomer–Dimer Partition Functions. Journal of Statistical Physics, 2016, 163, 211-238.	1.2	9
126	Is Carotid Stenosis in Women a Gender-Related Condition?. Journal of Women's Health, 2016, 25, 348-354.	3.3	5

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127	A generative model for protein contact networks. Journal of Biomolecular Structure and Dynamics, 2016, 34, 1441-1454.	3.5	16
128	Organization principles of biological networks: An explorative study. BioSystems, 2016, 141, 31-39.	2.0	9
129	Parathyroid autotransplantation during total thyroidectomy. Results of a retrospective study. International Journal of Surgery, 2016, 28, S79-S83.	2.7	36
130	Toward a multilevel representation of protein molecules: Comparative approaches to the aggregation/folding propensity problem. Information Sciences, 2016, 326, 134-145.	6.9	13
131	Somatic polyploidy is associated with the upregulation of c-MYC interacting genes and EMT-like signature. Oncotarget, 2016, 7, 75235-75260.	1.8	39
132	Validation of the Italian version of the Apathy Evaluation Scale (AES-I) in institutionalized geriatric patients. Annali Dell'Istituto Superiore Di Sanita, 2016, 52, 249-55.	0.4	7
133	Response, use and habituation to a mouse house in C57BL/6J and BALB/c mice. Experimental Animals, 2015, 64, 281-293.	1.1	11
134	Characterization of Protein–Protein Interfaces through a Protein Contact Network Approach. Frontiers in Bioengineering and Biotechnology, 2015, 3, 170.	4.1	20
135	The Influence of Doctor-Patient and Midwife-Patient Relationship in Quality Care Perception of Italian Pregnant Women: An Exploratory Study. PLoS ONE, 2015, 10, e0124353.	2.5	8
136	Emergent Self-Organized Criticality in Gene Expression Dynamics: Temporal Development of Global Phase Transition Revealed in a Cancer Cell Line. PLoS ONE, 2015, 10, e0128565.	2.5	46
137	Columnar phase in quantum dimer models. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 235203.	2.1	2
138	Alternative Toxicity Testing: Analyses on Skin Sensitization, ToxCast Phases I and II, and Carcinogenicity Provide Indications on How to Model Mechanisms Linked to Adverse Outcome Pathways. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2015, 33, 422-443.	2.9	7
139	The Syrian hamster embryo cells transformation assay identifies efficiently nongenotoxic carcinogens, and can contribute to alternative, integrated testing strategies. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 779, 35-38.	1.7	7
140	Validity of the Spin-Wave Approximation for the Free Energy of the Heisenberg Ferromagnet. Communications in Mathematical Physics, 2015, 339, 279-307.	2.2	15
141	Multifractal characterization of protein contact networks. Physica A: Statistical Mechanics and Its Applications, 2015, 428, 302-313.	2.6	19
142	Height fluctuations in non-integrable classical dimers. Europhysics Letters, 2015, 109, 60004.	2.0	5
143	In vitro exposure to very low-level laser modifies expression level of extracellular matrix protein RNAs and mitochondria dynamics in mouse embryonic fibroblasts. BMC Complementary and Alternative Medicine, 2015, 15, 78.	3.7	11
144	Protein contact network topology: a natural language for allostery. Current Opinion in Structural Biology, 2015, 31, 43-48.	5.7	141

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145	Efficacy of a virus-vectored vaccine against human and bovine respiratory syncytial virus infections. Science Translational Medicine, 2015, 7, 300ra127.	12.4	57
146	Influence of Trammel Nets on the Behaviour and Spatial Distribution of Bottlenose Dolphins (Tursiops truncatus) in the Aeolian Archipelago, Southern Italy. Aquatic Mammals, 2015, 41, 295-310.	0.7	20
147	Stopwords Identification by Means of Characteristic and Discriminant Analysis. , 2015, , .		3
148	Early motor deficits in mouse disease models are reliably uncovered using an automated home cage wheel-running system: a cross-laboratory validation. DMM Disease Models and Mechanisms, 2014, 7, 397-407.	2.4	33
149	Why network approach can promote a new way of thinking in biology. Frontiers in Genetics, 2014, 5, 83.	2.3	47
150	Prenatal pharmacotherapy rescues brain development in a Down's syndrome mouse model. Brain, 2014, 137, 380-401.	7.6	71
151	Validity of spin-wave theory for the quantum Heisenberg model. Europhysics Letters, 2014, 108, 20003.	2.0	6
152	Modules Identification in Protein Structures: The Topological and Geometrical Solutions. Journal of Chemical Information and Modeling, 2014, 54, 159-168.	5.4	38
153	Formation of Stripes and Slabs Near the Ferromagnetic Transition. Communications in Mathematical Physics, 2014, 331, 333-350.	2.2	9
154	GIANT: A Cytoscape Plugin for Modular Networks. PLoS ONE, 2014, 9, e105001.	2.5	39
155	Novel Text Summarization Techniques for Contextual Advertising. Advances in Data Mining and Database Management Book Series, 2014, , 185-204.	0.5	0
156	The Nematic Phase of a System of Long Hard Rods. Communications in Mathematical Physics, 2013, 323, 143-175.	2.2	37
157	Universal Finite Size Corrections and the Central Charge in Non-solvable Ising Models. Communications in Mathematical Physics, 2013, 324, 179-214.	2.2	8
158	Multi-target action of the novel anti-Alzheimer compound CHF5074: in vivo study of long term treatment in Tg2576 mice. BMC Neuroscience, 2013, 14, 44.	1.9	58
159	Assessing protein resilience via a complex network approach. , 2013, , .		5
160	Improving contextual advertising by adopting collaborative filtering. ACM Transactions on the Web, 2013, 7, 1-22.	2.5	16
161	A dissimilarity-based classifier for generalized sequences by a granular computing approach. , 2013, , .		6
162	CAMMA. , 2013, , .		0

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163	Gene Regulation Networks in Early Phase of Duchenne Muscular Dystrophy. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2013, 10, 393-400.	3.0	2
164	<scp>CHF</scp>5074 restores visual memory ability and pre‑synaptic cortical acetylcholine release in pre‑plaque Tg2576 mice. Journal of Neurochemistry, 2013, 124, 613-620.	3.9	16
165	Realization of stripes and slabs in two and three dimensions. Physical Review B, 2013, 88, .	3.2	8
166	MicroRNA-486-3p Regulates γ-Globin Expression in Human Erythroid Cells by Directly Modulating BCL11A. PLoS ONE, 2013, 8, e60436.	2.5	102
167	Mitochondrial Network Genes in the Skeletal Muscle of Amyotrophic Lateral Sclerosis Patients. PLoS ONE, 2013, 8, e57739.	2.5	42
168	Dietary habits and growth: an urban/rural comparison in the Andean region of Apurimac, Peru. Annali Dell'Istituto Superiore Di Sanita, 2013, 49, 340-6.	0.4	5
169	Intelligent Techniques in Recommender Systems and Contextual Advertising. , 2013, , 105-128.		2
170	Content-Based Keywords Extraction and Automatic Advertisement Associations to Multimodal News Aggregations. Studies in Computational Intelligence, 2013, , 33-52.	0.9	0
171	Matching Ads in a Collaborative Advertising System. Lecture Notes in Business Information Processing, 2013, , 150-161.	1.0	0
172	Finding Self-organization from the Dynamic Gene Expressions of Innate Immune Responses. Frontiers in Physiology, 2012, 3, 192.	2.8	7
173	Exact renormalization group computation of the optical conductivity of graphene. Physical Review B, 2012, 85, .	3.2	9
174	Structural and Functional Analysis of Hemoglobin and Serum Albumin Through Protein Long-Range Interaction Networks. Current Proteomics, 2012, 9, 160-166.	0.3	12
175	Sym-Bio GUI: A graphical user interface to analyze protein aminoacid residue contact networks. , 2012, , .		3
176	The scaling limit of the energy correlations in non-integrable Ising models. Journal of Mathematical Physics, 2012, 53, .	1.1	15
177	Proteins as Sponges: A Statistical Journey along Protein Structure Organization Principles. Journal of Chemical Information and Modeling, 2012, 52, 474-482.	5.4	29
178	mIGF‑1/JNK1/SirT1 signaling confers protection against oxidative stress in the heart. Aging Cell, 2012, 11, 139-149.	6.7	106
179	Shedding light on protein–ligand binding by graph theory: The topological nature of allostery. Biophysical Chemistry, 2012, 165-166, 21-29.	2.8	48
180	Looking for a sequence based allostery definition: A statistical journey at different resolution scales. Journal of Theoretical Biology, 2012, 304, 211-218.	1.7	8

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181	Emergent properties of gene evolution: Species as attractors in phenotypic space. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 1172-1178.	2.6	6
182	Striped Periodic Minimizers of a Two-Dimensional Model for Martensitic Phase Transitions. Communications in Mathematical Physics, 2012, 309, 313-339.	2.2	13
183	Applying Contextual Advertising to MultiModal Information Content. Lecture Notes in Business Information Processing, 2012, , 195-202.	1.0	0
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