

Dimitrios Vlachakis

List of Publications by Year in descending order

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Version: 2024-02-01

197
papers

1,852
citations

346980

22
h-index

488211

31
g-index

208
all docs

208
docs citations

208
times ranked

2418
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy mediates the clearance of oligodendroglial SNCA/alpha-synuclein and TPPP/p25A in multiple system atrophy models. <i>Autophagy</i> , 2022, 18, 2104-2133.	4.3	10
2	STING orchestrates the crosstalk between polyunsaturated fatty acid metabolism and inflammatory responses. <i>Cell Metabolism</i> , 2022, 34, 125-139.e8.	7.2	49
3	Increased risk of rheumatoid arthritis in patients with endometriosis: genetic aspects. <i>Rheumatology</i> , 2022, 61, 4252-4262.	0.9	9
4	The prognostic role of micronutrient status and supplements in COVID-19 outcomes: A systematic review. <i>Food and Chemical Toxicology</i> , 2022, 162, 112901.	1.8	15
5	The medical cyborg concept.. <i>EMBnet Journal</i> , 2022, 27, e1005.	0.2	2
6	Molecular fusion events in carcinogenic organisms: a bioinformatics study for the detection of fused proteins between viruses, bacteria and eukaryotes.. <i>EMBnet Journal</i> , 2022, 27, e1004.	0.2	0
7	Adolescent Self-Efficacy for Diet and Exercise Following a School-Based Multicomponent Lifestyle Intervention. <i>Nutrients</i> , 2022, 14, 97.	1.7	4
8	Integrated Deadenylase Genetic Association Network and Transcriptome Analysis in Thoracic Carcinomas. <i>Molecules</i> , 2022, 27, 3102.	1.7	1
9	Phi class glutathione transferases as molecular targets towards multiple-herbicide resistance: Inhibition analysis and pharmacophore design. <i>Plant Physiology and Biochemistry</i> , 2021, 158, 342-352.	2.8	3
10	Genetic and structural analyses of ssRNA viruses pave the way for the discovery of novel antiviral pharmacological targets. <i>Molecular Omics</i> , 2021, 17, 357-364.	1.4	2
11	Antibody Clustering and 3D Modeling for Neurodegenerative Diseases. , 2021, , 1-13.		0
12	Statistical and Machine Learning Techniques in Human Microbiome Studies: Contemporary Challenges and Solutions. <i>Frontiers in Microbiology</i> , 2021, 12, 635781.	1.5	51
13	A Holistic Evolutionary and 3D Pharmacophore Modelling Study Provides Insights into the Metabolism, Function, and Substrate Selectivity of the Human Monocarboxylate Transporter 4 (hMCT4). <i>International Journal of Molecular Sciences</i> , 2021, 22, 2918.	1.8	4
14	Effect of Genotype × Environment Interaction on Yield of Maize Hybrids in Greece Using AMMI Analysis. <i>Agronomy</i> , 2021, 11, 479.	1.3	14
15	Demetra Application: An integrated genotype analysis web server for clinical genomics in endometriosis. <i>International Journal of Molecular Medicine</i> , 2021, 47, .	1.8	5
16	The Interaction of <i>Schistosoma Japonicum</i> Glutathione Transferase with Cibacron Blue 3GA and its Fragments. <i>Medicinal Chemistry</i> , 2021, 17, 332-343.	0.7	9
17	POS0350â€¦EPIONE APPLICATION: AN INTEGRATED GENOTYPE ANALYSIS WEB SERVER FOR CLINICAL GENOMICS IN SYSTEMIC LUPUS ERYTHEMATOSUS (SLE). <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 405-405.	0.5	1
18	Clinical Genomic, phenotype and epigenetic insights into the pathology, autoimmunity and weight management of patients with Myasthenia Gravis (Review). <i>Molecular Medicine Reports</i> , 2021, 24, .	1.1	5

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19	Improving the Utility of Polygenic Risk Scores as a Biomarker for Alzheimer's Disease. <i>Cells</i> , 2021, 10, 1627.	1.8	7
20	Mathematical Multidimensional Modelling and Structural Artificial Intelligence Pipelines Provide Insights for the Designing of Highly Specific AntiSARS-CoV2 Agents. <i>Mathematics in Computer Science</i> , 2021, 15, 877-888.	0.2	5
21	Study of the Langkat virus RNA-dependent RNA polymerase through homology modeling. <i>EMBnet Journal</i> , 2021, 26, e944.	0.2	0
22	Conserved functional motifs of the nuclear receptor superfamily as potential pharmacological targets. , 2021, 1, .		7
23	Climate mitigation. Is it possible via DSS for agriculture? A case study: Reducing the Environmental Footprint of cotton cultivation. <i>EMBnet Journal</i> , 2021, 26, e996.	0.2	0
24	The EMBnet International Conference 2020: Bioinformatics Approaches to Precision Research. <i>EMBnet Journal</i> , 2021, 26, e1006.	0.2	0
25	Mechanisms of epigenetic inheritance in children following exposure to abuse. <i>EMBnet Journal</i> , 2021, 26, e995.	0.2	0
26	Computer-aided drug design and pharmacophore modelling towards the discovery of novel anti-ebola agents. <i>EMBnet Journal</i> , 2021, 26, e961.	0.2	0
27	Single-cell mapping of microRNA expression during cardiac development. <i>EMBnet Journal</i> , 2021, 26, e958.	0.2	0
28	Effect of Pulsed Electromagnetic Field on Growth, Physiology and Postharvest Quality of Kale (<i>Brassica oleracea</i>), Wheat (<i>Triticum durum</i>) and Spinach (<i>Spinacia oleracea</i>) Microgreens. <i>Agronomy</i> , 2021, 11, 1364.	1.3	5
29	Exosomes in breast milk: a genetic trojan horse from mother to child. <i>EMBnet Journal</i> , 2021, 26, e993.	0.2	0
30	A computational drug design strategy against the Yellow Fever Virus helicase. <i>EMBnet Journal</i> , 2021, 26, e994.	0.2	0
31	Genome-wide association studies (GWAS) in an effort to provide insights into the complex interplay of nuclear receptor transcriptional networks and their contribution to the maintenance of homeostasis. <i>EMBnet Journal</i> , 2021, 26, e952.	0.2	0
32	Genome regulation by long non-coding RNAs. <i>EMBnet Journal</i> , 2021, 26, e962.	0.2	0
33	SOILomics; where Microbiome Genetics meets Precision Agriculture. <i>EMBnet Journal</i> , 2021, 26, e943.	0.2	0
34	Stress management intervention to enhance adolescent resilience: a randomized controlled trial. <i>EMBnet Journal</i> , 2021, 26, e967.	0.2	7
35	Validation of the Greek version of the Problematic Internet Use Questionnaire - Short Form (PIUQ-SF-6). <i>EMBnet Journal</i> , 2021, 26, e978.	0.2	2
36	An updated evolutionary study of the nuclear receptor protein family. <i>World Academy of Sciences Journal</i> , 2021, 3, .	0.4	3

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37	Stress Management in Elementary School Students: a Pilot Randomised Controlled Trial. <i>EMBnet Journal</i> , 2021, 26, e976.	0.2	3
38	On the origins of life: A molecular and a cellular journey driven by genentropy. <i>International Journal of Epigenetics</i> , 2021, 1, .	0.5	1
39	COVIDâ€™19 global social lockdowns: Energyâ€™related, psychological, epigenetic, health and environmental impacts (Review). <i>International Journal of Epigenetics</i> , 2021, 1, .	0.5	2
40	Land Suitability Assessment for Olive Mill Wastewater Disposal by Integrating Multicriteria Decision Support Tools. <i>EMBnet Journal</i> , 2021, 26, e947.	0.2	2
41	Validation of the Cosmetic Procedure Screening (COPS) Questionnaire in the Greek language. <i>EMBnet Journal</i> , 2021, 26, e971.	0.2	2
42	Pythagorean Self Awareness Intervention in Caregivers of Patients with Motor Disabilities. <i>EMBnet Journal</i> , 2021, 26, e970.	0.2	2
43	Materials of biological origin and biofuels: Small environmental footprint and epigenetic impact (Review). <i>International Journal of Epigenetics</i> , 2021, 1, .	0.5	1
44	Reliability and validity of the Peer Relation Questionnaire in a sample of Greek school children and adolescents. <i>EMBnet Journal</i> , 2021, 26, e974.	0.2	1
45	Validation of the Instagram Addiction Scale in Greek Youth. <i>EMBnet Journal</i> , 2021, 26, e973.	0.2	2
46	Pathogenic and Low-Frequency Variants in Children With Central Precocious Puberty. <i>Frontiers in Endocrinology</i> , 2021, 12, 745048.	1.5	7
47	Validation of the Greek version of the Bergen Social Media Addiction Scale in Undergraduate Students. <i>EMBnet Journal</i> , 2021, 26, e975.	0.2	17
48	A novel variant in DYNC1H1 could contribute to human amyotrophic lateral sclerosis-frontotemporal dementia spectrum.. <i>Journal of Physical Education and Sports Management</i> , 2021, , mcs.a006096.	0.5	8
49	Environmental impacts of warâ€™s social consequences. Case Study: Aleppo Governorate Syria. <i>EMBnet Journal</i> , 2021, 26, e965.	0.2	0
50	lncRNA <i>NORAD</i> is consistently detected in breastmilk exosomes and its expression is downregulated in mothers of preterm infants. <i>International Journal of Molecular Medicine</i> , 2021, 48, .	1.8	8
51	Studying Depression, Anxiety, Distress and Somatization in a Community Sample of 2,425 Adults in Greece. <i>EMBnet Journal</i> , 2021, 26, .	0.2	0
52	Evaluation of Plant Growth Promoting Bacteria Strains on Growth, Yield and Quality of Industrial Tomato. <i>Microorganisms</i> , 2021, 9, 2099.	1.6	32
53	Validation of the Greek version of the Adolescent Sleep Hygiene Scale (ASHS). <i>EMBnet Journal</i> , 2021, 26, e979.	0.2	0
54	Stress among pediatric oncology staff. A systematic review. <i>EMBnet Journal</i> , 2021, 26, e981.	0.2	2

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55	A Biofeedback-Assisted Stress Management Program for Patients with Irritable Bowel Syndrome: a Randomised Controlled Trial. <i>EMBnet Journal</i> , 2021, 26, e980.	0.2	3
56	Haematological malignancies implications during the times of the COVID-19 pandemic (Review). <i>Oncology Letters</i> , 2021, 22, 856.	0.8	9
57	Hippo(crates): An integrated atlas for natural product exploration through a state-of-the-art pipeline in cheminformatics. <i>World Academy of Sciences Journal</i> , 2021, 4, .	0.4	1
58	Molecular modelling of novel ADCY3 variant predicts a molecular target for tackling obesity. <i>International Journal of Molecular Medicine</i> , 2021, 49, .	1.8	7
59	Epitranscriptomics of cardiovascular diseases (Review). <i>International Journal of Molecular Medicine</i> , 2021, 49, .	1.8	9
60	Epione application: An integrated web-toolkit of clinical genomics and personalized medicine in systemic lupus erythematosus. <i>International Journal of Molecular Medicine</i> , 2021, 49, .	1.8	3
61	The Role of Pythagorean Self-Awareness Intervention in Obstructive Sleep Apnea. A Randomized Controlled Trial. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1337, 83-87.	0.8	1
62	Event-Related Rumination Inventory: A Validation Process in the Greek Language. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1337, 149-158.	0.8	0
63	Validation of the STOP-Bang Questionnaire in Greek Patients Suffering from Obstructive Sleep Apnea. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1337, 77-82.	0.8	2
64	Tissue Characterization in Cardiology: Moving Beyond Function. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1337, 89-97.	0.8	0
65	Validation of the Greek Version of Social Media Disorder Scale. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1338, 107-116.	0.8	2
66	The Effects of Pythagorean Self-Awareness Intervention on Irritable Bowel Syndrome Patients: A Non-randomized Controlled Trial. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1337, 345-354.	0.8	0
67	The Rosenberg Self-Esteem Scale: Translation and Validation in the Greek Language in Adolescents. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1339, 97-103.	0.8	7
68	Validation of the Greek Version of Hedonic, Eudaimonic, and Extrinsic Motives for Activities (HEEMA) Instrument. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1337, 137-147.	0.8	0
69	The Kentucky Inventory of Mindfulness Skills in Greek Undergraduate and Postgraduate Students. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1339, 227-238.	0.8	0
70	Clinical and Molecular Study of Common Thrombophilia Mutation Prothrombin G20210A. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1339, 331-336.	0.8	0
71	Ebola Virus Disease and Current Therapeutic Strategies: A Review. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1339, 131-137.	0.8	5
72	Effects of an 8-Week Stress Management Program in Women with Breast Cancer: A Randomized Controlled Trial. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1339, 85-95.	0.8	0

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73	GnRH Deficient Patients With Congenital Hypogonadotropic Hypogonadism: Novel Genetic Findings in ANOS1, RNF216, WDR11, FGFR1, CHD7, and POLR3A Genes in a Case Series and Review of the Literature. <i>Frontiers in Endocrinology</i> , 2020, 11, 626.	1.5	20
74	Animal Models for the Study of Nucleic Acid Immunity: Novel Tools and New Perspectives. <i>Journal of Molecular Biology</i> , 2020, 432, 5529-5543.	2.0	9
75	Identifying early abdominal obesity risk in adolescents by telemedicine: A cross-sectional study in Greece. <i>Food and Chemical Toxicology</i> , 2020, 144, 111532.	1.8	7
76	Molecular mechanisms of the novel coronavirus SARS-CoV-2 and potential anti-COVID19 pharmacological targets since the outbreak of the pandemic. <i>Food and Chemical Toxicology</i> , 2020, 146, 111805.	1.8	31
77	Biochemical and in silico identification of the active site and the catalytic mechanism of the circadian deadenylase HESPERIN. <i>FEBS Open Bio</i> , 2020, , .	1.0	0
78	Integrated structural and functional analysis of the protective effects of kinetin against oxidative stress in mammalian cellular systems. <i>Scientific Reports</i> , 2020, 10, 13330.	1.6	18
79	Lysyl-tRNA synthetase produces diadenosine tetraphosphate to curb STING-dependent inflammation. <i>Science Advances</i> , 2020, 6, eaax3333.	4.7	25
80	Proteome analysis of leaf, stem and callus in <i>Viscum album</i> and identification of lectins and viscotoxins with bioactive properties. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 167-178.	1.2	7
81	Antibody Clustering Using a Machine Learning Pipeline that Fuses Genetic, Structural, and Physicochemical Properties. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1194, 41-58.	0.8	1
82	Olive Oil Polyphenols in Neurodegenerative Pathologies. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1195, 77-91.	0.8	11
83	Dark Suite; a comprehensive toolbox for computer-aided drug design. <i>EMBnet Journal</i> , 2020, 25, e928.	0.2	1
84	Exosomics. <i>EMBnet Journal</i> , 2020, 26, .	0.2	6
85	The Interaction of the Microtubule Targeting Anticancer Drug Colchicine with Human Glutathione Transferases. <i>Current Pharmaceutical Design</i> , 2020, 26, 5205-5212.	0.9	6
86	[Editorial] <i>Epigenetics</i> . , 2020, 1, .		1
87	Functions, pathophysiology and current insights of exosomal endocrinology (Review). <i>Molecular Medicine Reports</i> , 2020, 23, 1-1.	1.1	15
88	An updated evolutionary study of the Notch family reveals a new ancient origin and novel invariable motifs as potential pharmacological targets. <i>PeerJ</i> , 2020, 8, e10334.	0.9	13
89	An in silico and in vitro pipeline for the rapid screening of helicase modulators. <i>EMBnet Journal</i> , 2020, 25, e927.	0.2	0
90	THU0017â€¦...ATTEMPTS TO LINK EXONIC GENE POLYMORPHISMS TO SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)-ASSOCIATED PROTEIN MODIFIED FUNCTIONALITY: A STRUCTURAL BIOLOGY APPROACH. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 221.1-222.	0.5	0

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91	Introducing Drugonfly; A Novel Computer-Aided Drug Repurposing Pipeline Based on Genomic, Structural and Physicochemical Profiles. <i>Lecture Notes in Computer Science</i> , 2020, , 113-121.	1.0	0
92	Microbiome Hijacking Towards an Integrative Pest Management Pipeline. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1195, 21-32.	0.8	2
93	Drugena: A Fully Automated Immunoinformatics Platform for the Design of Antibody-Drug Conjugates Against Neurodegenerative Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1194, 203-215.	0.8	1
94	Structural Study of the DNA: Clock/Bmal1 Complex Provides Insights for the Role of Cortisol, hGR, and HPA Axis in Stress Management and Sleep Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1195, 59-71.	0.8	2
95	An in silico and in vitro pipeline for the rapid screening of helicase modulators. <i>EMBnet Journal</i> , 2020, 25, e927.	0.2	0
96	The Effect of the Pythagorean Self-Awareness Intervention on Psychological, Lifestyle and Cognitive Measures of a Community Sample. <i>Journal of Molecular Biochemistry</i> , 2020, 9, 32-40.	0.1	0
97	Validation of the Stress in Children (SiC) Questionnaire in a Sample of Greek Pupils. <i>Journal of Molecular Biochemistry</i> , 2020, 9, 74-79.	0.1	0
98	Effects of the Pythagorean Self Awareness Intervention on Childhood Emotional Eating and Psychological Wellbeing: a Pragmatic Trial. <i>Journal of Molecular Biochemistry</i> , 2020, 9, 13-21.	0.1	0
99	An 8-week Stress Management Program in Information Technology Professionals and the Role of a New Cognitive Behavioral Method: a Pilot Randomized Controlled Trial. <i>Journal of Molecular Biochemistry</i> , 2020, 9, 22-31.	0.1	0
100	Reliability and Validity of the Newly Diagnosed Breast Cancer Stress Scale in the Greek Population. <i>Journal of Molecular Biochemistry</i> , 2020, 9, 5-12.	0.1	1
101	Delineation of the functional and structural properties of the glutathione transferase family from the plant pathogen <i>Erwinia carotovora</i> . <i>Functional and Integrative Genomics</i> , 2019, 19, 1-12.	1.4	8
102	Complexity in Medical Informatics. <i>Complexity</i> , 2019, 2019, 1-2.	0.9	0
103	NOTCH3 and CADASIL syndrome: a genetic and structural overview. <i>EMBnet Journal</i> , 2019, 24, e921.	0.2	18
104	DNA Replication Inhibitor Geminin and Retinoic Acid Signaling Participate in Complex Interactions Associated With Pluripotency. <i>Cancer Genomics and Proteomics</i> , 2019, 16, 593-601.	1.0	9
105	Introductory Chapter: Systems Biology Consolidating State of the Art Genetics and Bioinformatics. , 2019, , .		0
106	Structure-based design and application of an engineered glutathione transferase for the development of an optical biosensor for pesticides determination. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 565-576.	1.1	16
107	A genomic data mining pipeline for 15 species of the genus <i>Olea</i> . <i>EMBnet Journal</i> , 2019, 24, e922.	0.2	0
108	Greek Validation of Emotional Eating Scale for Children and Adolescents. <i>Journal of Molecular Biochemistry</i> , 2019, 8, 26-32.	0.1	0

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109	Stress Management in Women with Hashimoto's thyroiditis: A Randomized Controlled Trial. Journal of Molecular Biochemistry, 2019, 8, 3-12.	0.1	1
110	A motif within the armadillo repeat of Parkinson's-linked LRRK2 interacts with FADD to hijack the extrinsic death pathway. Scientific Reports, 2018, 8, 3455.	1.6	24
111	Structure-based design and application of a nucleotide coenzyme mimetic ligand: Application to the affinity purification of nucleotide dependent enzymes. Journal of Chromatography A, 2018, 1535, 88-100.	1.8	11
112	EnzyNet: enzyme classification using 3D convolutional neural networks on spatial representation. PeerJ, 2018, 6, e4750.	0.9	61
113	Genetic and Geo-Epidemiological Analysis of the Zika Virus Pandemic; Learning Lessons from the Recent Ebola Outbreak. , 2018, , .		2
114	Insights into the Influence of Specific Splicing Events on the Structural Organization of LRRK2. International Journal of Molecular Sciences, 2018, 19, 2784.	1.8	2
115	Carcinogenic Pesticide Control via Hijacking Endosymbiosis; The Paradigm of DSB-A from Wolbachia pipiensis for the Management of Otiiorhynchus singularis. In Vivo, 2018, 32, 1051-1062.	0.6	2
116	Human Emotions on the Onset of Cardiovascular and Small Vessel Related Diseases. In Vivo, 2018, 32, 859-870.	0.6	11
117	Genomic analysis of the endosymbiotic bacterium Candidatus Erwinia dacicola provides insights for the management of the olive pest Bactrocera oleae. Journal of Biotechnology, 2018, 280, S13.	1.9	2
118	An Up-To-Date Review of Piglet Isosporosis. , 2018, , 116-131.		3
119	Genomic big data hitting the storage bottleneck. EMBnet Journal, 2018, 24, .	0.2	14
120	Introducing Thetis: a comprehensive suite for event detection in molecular dynamics. Journal of Molecular Biochemistry, 2018, 7, 71-77.	0.1	0
121	Advanced Protein Alignments Based on Sequence, Structure and Hydropathy Profiles; The Paradigm of the Viral Polymerase Enzyme. Mathematics in Computer Science, 2017, 11, 197-208.	0.2	8
122	The glutathione transferase family of Chlamydomonas reinhardtii: Identification and characterization of novel sigma class-like enzymes. Algal Research, 2017, 24, 237-250.	2.4	16
123	A novel approach to finger vein authentication. , 2017, , .		18
124	Genetic and structural study of DNA-directed RNA polymerase II of Trypanosoma brucei, towards the designing of novel antiparasitic agents. PeerJ, 2017, 5, e3061.	0.9	15
125	Antisoma Application: A Fully Integrated V-Like Antibodies Platform. AIMS Medical Science, 2017, 4, 784-797.	0.2	4
126	Automatic single- and multi-label enzymatic function prediction by machine learning. PeerJ, 2017, 5, e3095.	0.9	27

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127	HCV genetics and genotypes dictate future antiviral strategies. <i>Journal of Molecular Biochemistry</i> , 2017, 6, 33-40.	0.1	0
128	Insights into the molecular mechanisms of stress and inflammation in ageing and frailty of the elderly. <i>Journal of Molecular Biochemistry</i> , 2017, 6, 41-44.	0.1	5
129	Functional characterization of two novel germline mutations of the <i>KCNJ5</i> gene in hypertensive patients without primary aldosteronism but with ACTH-dependent aldosterone hypersecretion. <i>Clinical Endocrinology</i> , 2016, 85, 845-851.	1.2	15
130	Functional Toll-Like Receptor 9 Expression and CXCR3 Ligand Release in Pulmonary Sarcoidosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 749-757.	1.4	29
131	A Machine Learning Methodology for Enzyme Functional Classification Combining Structural and Protein Sequence Descriptors. <i>Lecture Notes in Computer Science</i> , 2016, , 728-738.	1.0	11
132	Functional characterization of the hGR \pm T556I causing Chrousos syndrome. <i>European Journal of Clinical Investigation</i> , 2016, 46, 42-49.	1.7	18
133	Structuprint: a scalable and extensible tool for two-dimensional representation of protein surfaces. <i>BMC Structural Biology</i> , 2016, 16, 4.	2.3	12
134	Antibodies as stratagems against cancer. <i>Molecular BioSystems</i> , 2016, 12, 2047-2055.	2.9	14
135	An updated evolutionary study of Flaviviridae NS3 helicase and NS5 RNA-dependent RNA polymerase reveals novel invariable motifs as potential pharmacological targets. <i>Molecular BioSystems</i> , 2016, 12, 2080-2093.	2.9	34
136	Directed evolution of Tau class glutathione transferases reveals a site that regulates catalytic efficiency and masks co-operativity. <i>Biochemical Journal</i> , 2016, 473, 559-570.	1.7	31
137	A novel mutation of the <i>hGR</i> gene causing Chrousos syndrome. <i>European Journal of Clinical Investigation</i> , 2015, 45, 782-791.	1.7	33
138	DrugOn: a fully integrated pharmacophore modeling and structure optimization toolkit. <i>PeerJ</i> , 2015, 3, e725.	0.9	25
139	Deciphering the protein interaction in adhesion of <i>Francisella tularensis</i> subsp. <i>holarctica</i> to the endothelial cells. <i>Microbial Pathogenesis</i> , 2015, 81, 6-15.	1.3	12
140	Notch Signaling and Ageing. <i>Advances in Experimental Medicine and Biology</i> , 2015, 822, 25-36.	0.8	16
141	A splice variant of the human phosphohistidine phosphatase 1 (PHPT1) is degraded by the proteasome. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 57, 69-75.	1.2	5
142	Current State-of-the-Art Molecular Dynamics Methods and Applications. <i>Advances in Protein Chemistry and Structural Biology</i> , 2014, 94, 269-313.	1.0	54
143	Design, synthesis and application of benzyl-sulfonate biomimetic affinity adsorbents for monoclonal antibody purification from transgenic corn. <i>Journal of Molecular Recognition</i> , 2014, 27, 19-31.	1.1	14
144	On integrating multi-experiment microarray data. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20130136.	1.6	6

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145	3D molecular modeling and evolutionary study of the Trypanosoma brucei DNA Topoisomerase IB, as a new emerging pharmacological target. Genomics, 2014, 103, 107-113.	1.3	9
146	Computational Construction of Antibody-Drug Conjugates Using Surface Lysines as the Antibody Conjugation Site and a Non-cleavable Linker. Cancer Informatics, 2014, 13, CIN.S19222.	0.9	8
147	Silencing Motifs in the Clr2 Protein from Fission Yeast, Schizosaccharomyces pombe. PLoS ONE, 2014, 9, e86948.	1.1	8
148	Structural models for the design of novel antiviral agents against Greek Goat Encephalitis. PeerJ, 2014, 2, e664.	0.9	24
149	Molecular dynamics simulations through GPU video games technologies. Journal of Molecular Biochemistry, 2014, 3, 64-71.	0.1	12
150	3D structural analysis of proteins using electrostatic surfaces based on image segmentation. Journal of Molecular Biochemistry, 2014, 3, 27-33.	0.1	1
151	Ebola virus epidemic: a deliberate accident?. Journal of Molecular Biochemistry, 2014, 3, 72-76.	0.1	3
152	A series of Notch3 mutations in CADASIL; insights from 3D molecular modelling and evolutionary analyses. Journal of Molecular Biochemistry, 2014, 3, .	0.1	3
153	IMGT/Collier-de-Perles: a two-dimensional visualization tool for amino acid domain sequences. Theoretical Biology and Medical Modelling, 2013, 10, 14.	2.1	8
154	Unraveling microalgal molecular interactions using evolutionary and structural bioinformatics. Gene, 2013, 528, 109-119.	1.0	7
155	Introducing Drugster: a comprehensive and fully integrated drug design, lead and structure optimization toolkit. Bioinformatics, 2013, 29, 126-128.	1.8	121
156	State-of-the-art technology in modern computer-aided drug design. Briefings in Bioinformatics, 2013, 14, 745-752.	3.2	33
157	Antiviral Stratagems against HIV-1 Using RNA Interference (RNAi) Technology. Evolutionary Bioinformatics, 2013, 9, EBO.S11412.	0.6	20
158	3D Molecular Modelling Study of the H7N9 RNA-Dependent RNA Polymerase as an Emerging Pharmacological Target. Influenza Research and Treatment, 2013, 2013, 1-9.	1.5	7
159	A Comprehensive Phylogenetic Analysis of Deadenylases. Evolutionary Bioinformatics, 2013, 9, EBO.S12746.	0.6	11
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