

Dimitrios Vlachakis

List of Publications by Year in descending order

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Version: 2024-02-01

197
papers

1,852
citations

304743

22
h-index

434195

31
g-index

208
all docs

208
docs citations

208
times ranked

2182
citing authors

#	ARTICLE	IF	CITATIONS
1	Introducing Drugster: a comprehensive and fully integrated drug design, lead and structure optimization toolkit. <i>Bioinformatics</i> , 2013, 29, 126-128.	4.1	121
2	EnzyNet: enzyme classification using 3D convolutional neural networks on spatial representation. <i>PeerJ</i> , 2018, 6, e4750.	2.0	61
3	Current State-of-the-Art Molecular Dynamics Methods and Applications. <i>Advances in Protein Chemistry and Structural Biology</i> , 2014, 94, 269-313.	2.3	54
4	Statistical and Machine Learning Techniques in Human Microbiome Studies: Contemporary Challenges and Solutions. <i>Frontiers in Microbiology</i> , 2021, 12, 635781.	3.5	51
5	STING orchestrates the crosstalk between polyunsaturated fatty acid metabolism and inflammatory responses. <i>Cell Metabolism</i> , 2022, 34, 125-139.e8.	16.2	49
6	Discovery of a novel HCV helicase inhibitor by a de novo drug design approach. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 2935-2937.	2.2	41
7	Gromita: A Fully Integrated Graphical user Interface to Gromacs 4. <i>Bioinformatics and Biology Insights</i> , 2009, 3, BBI.S3207.	2.0	38
8	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
9	Genomic big data hitting the storage bottleneck. <i>EMBnet Journal</i> , 0, 24, e910.	0.6	34
10	State-of-the-art technology in modern computer-aided drug design. <i>Briefings in Bioinformatics</i> , 2013, 14, 745-752.	6.5	33
11	A novel mutation of the <i>hGR</i> gene causing Chrousos syndrome. <i>European Journal of Clinical Investigation</i> , 2015, 45, 782-791.	3.4	33
12	Evaluation of Plant Growth Promoting Bacteria Strains on Growth, Yield and Quality of Industrial Tomato. <i>Microorganisms</i> , 2021, 9, 2099.	3.6	32
13	Phosphorylation of the arginine/serine repeats of lamin B receptor by SRPK1—Insights from molecular dynamics simulations. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 44-55.	2.4	31
14	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.	3.7	31
15	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.	3.6	31
16	Transcription factors and evolution: An integral part of gene expression (Review). <i>World Academy of Sciences Journal</i> , 0, , .	0.6	30
17	Competitive Inhibition of Human Poly(A)-Specific Ribonuclease (PARN) by Synthetic Fluoro-Pyranosyl Nucleosides. <i>Biochemistry</i> , 2009, 48, 6044-6051.	2.5	29
18	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.	2.9	29

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19	A holistic evolutionary and structural study of flaviviridae provides insights into the function and inhibition of HCV helicase. PeerJ, 2013, 1, e74.	2.0	28
20	Automatic single- and multi-label enzymatic function prediction by machine learning. PeerJ, 2017, 5, e3095.	2.0	27
21	DrugOn: a fully integrated pharmacophore modeling and structure optimization toolkit. PeerJ, 2015, 3, e725.	2.0	25
22	Lysyl-tRNA synthetase produces diadenosine tetraphosphate to curb STING-dependent inflammation. Science Advances, 2020, 6, eaax3333.	10.3	25
23	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.	3.3	24
24	Structural models for the design of novel antiviral agents against Greek Goat Encephalitis. PeerJ, 2014, 2, e664.	2.0	24
25	Modelling and mutational evidence identify the substrate binding site and functional elements in APC amino acid transporters. Molecular Membrane Biology, 2009, 26, 356-370.	2.0	23
26	Theoretical study of the Usutu virus helicase 3D structure, by means of computer-aided homology modelling. Theoretical Biology and Medical Modelling, 2009, 6, 9.	2.1	22
27	Molecular modeling and pharmacophore elucidation study of the Classical Swine Fever virus helicase as a promising pharmacological target. PeerJ, 2013, 1, e85.	2.0	21
28	Antiviral Stratagems against HIV-1 Using RNA Interference (RNAi) Technology. Evolutionary Bioinformatics, 2013, 9, EBO.S11412.	1.2	20
29	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. Frontiers in Endocrinology, 2020, 11, 626.	3.5	20
30	Functional characterization of the hGR1±T556I causing Chrousos syndrome. European Journal of Clinical Investigation, 2016, 46, 42-49.	3.4	18
31	A novel approach to finger vein authentication. , 2017, , .		18
32	NOTCH3 and CADASIL syndrome: a genetic and structural overview. EMBnet Journal, 2019, 24, e921.	0.6	18
33	Integrated structural and functional analysis of the protective effects of kinetin against oxidative stress in mammalian cellular systems. Scientific Reports, 2020, 10, 13330.	3.3	18
34	Validation of the Greek version of the Bergen Social Media Addiction Scale in Undergraduate Students. EMBnet Journal, 2021, 26, e975.	0.6	17
35	Kinetic and in silico analysis of the slow-binding inhibition of human poly(A)-specific ribonuclease (PARN) by novel nucleoside analogues. Biochimie, 2012, 94, 214-221.	2.6	16
36	Notch Signaling and Ageing. Advances in Experimental Medicine and Biology, 2015, 822, 25-36.	1.6	16

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37	The glutathione transferase family of <i>Chlamydomonas reinhardtii</i> : Identification and characterization of novel sigma class-like enzymes. <i>Algal Research</i> , 2017, 24, 237-250.	4.6	16
38	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.	2.4	16
39	An Integrated In Silico Approach to Design Specific Inhibitors Targeting Human Poly(A)-Specific Ribonuclease. <i>PLoS ONE</i> , 2012, 7, e51113.	2.5	15
40	Space Constrained Homology Modelling: The Paradigm of the RNA-Dependent RNA Polymerase of Dengue (Type II) Virus. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-9.	1.3	15
41	Functional characterization of two novel germline mutations of the <i>KCNJ5</i> gene in hypertensive patients without primary aldosteronism but with β -dependent aldosterone hypersecretion. <i>Clinical Endocrinology</i> , 2016, 85, 845-851.	2.4	15
42	Genetic and structural study of DNA-directed RNA polymerase II of <i>Trypanosoma brucei</i> , towards the designing of novel antiparasitic agents. <i>PeerJ</i> , 2017, 5, e3061.	2.0	15
43	Functions, pathophysiology and current insights of exosomal endocrinology (Review). <i>Molecular Medicine Reports</i> , 2020, 23, 1-1.	2.4	15
44	The prognostic role of micronutrient status and supplements in COVID-19 outcomes: A systematic review. <i>Food and Chemical Toxicology</i> , 2022, 162, 112901.	3.6	15
45	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.	2.1	14
46	Antibodies as stratagems against cancer. <i>Molecular BioSystems</i> , 2016, 12, 2047-2055.	2.9	14
47	Effect of Genotype \times Environment Interaction on Yield of Maize Hybrids in Greece Using AMMI Analysis. <i>Agronomy</i> , 2021, 11, 479.	3.0	14
48	Genomic big data hitting the storage bottleneck. <i>EMBnet Journal</i> , 2018, 24, .	0.6	14
49	Investigating the structural stability of the Tup1 interaction domain of Ssn6: Evidence for a conformational change on the complex. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 70, 72-82.	2.6	13
50	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.	2.0	13
51	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.	2.9	12
52	Structuprint: a scalable and extensible tool for two-dimensional representation of protein surfaces. <i>BMC Structural Biology</i> , 2016, 16, 4.	2.3	12
53	Molecular dynamics simulations through GPU video games technologies. <i>Journal of Molecular Biochemistry</i> , 2014, 3, 64-71.	0.1	12
54	A Comprehensive Phylogenetic Analysis of Deadenylases. <i>Evolutionary Bioinformatics</i> , 2013, 9, EBO.S12746.	1.2	11

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55	A Machine Learning Methodology for Enzyme Functional Classification Combining Structural and Protein Sequence Descriptors. <i>Lecture Notes in Computer Science</i> , 2016, , 728-738.	1.3	11
56	Structure-based design and application of a nucleotide coenzyme mimetic ligand: Application to the affinity purification of nucleotide dependent enzymes. <i>Journal of Chromatography A</i> , 2018, 1535, 88-100.	3.7	11
57	Human Emotions on the Onset of Cardiovascular and Small Vessel Related Diseases. <i>In Vivo</i> , 2018, 32, 859-870.	1.3	11
58	Olive Oil Polyphenols in Neurodegenerative Pathologies. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1195, 77-91.	1.6	11
59	Antibody Drug Conjugate Bioinformatics: Drug Delivery through the Letterbox. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-4.	1.3	10
60	Protein signatures using electrostatic molecular surfaces in harmonic space. <i>PeerJ</i> , 2013, 1, e185.	2.0	10
61	Autophagy mediates the clearance of oligodendroglial SNCA/alpha-synuclein and TPPP/p25A in multiple system atrophy models. <i>Autophagy</i> , 2022, 18, 2104-2133.	9.1	10
62	3D molecular modeling and evolutionary study of the <i>Trypanosoma brucei</i> DNA Topoisomerase IB, as a new emerging pharmacological target. <i>Genomics</i> , 2014, 103, 107-113.	2.9	9
63	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.	2.0	9
64	Animal Models for the Study of Nucleic Acid Immunity: Novel Tools and New Perspectives. <i>Journal of Molecular Biology</i> , 2020, 432, 5529-5543.	4.2	9
65	The Interaction of <i>Schistosoma japonicum</i> Glutathione Transferase with Cibacron Blue 3GA and its Fragments. <i>Medicinal Chemistry</i> , 2021, 17, 332-343.	1.5	9
66	Haematological malignancies implications during the times of the COVID-19 pandemic (Review). <i>Oncology Letters</i> , 2021, 22, 856.	1.8	9
67	Epitranscriptomics of cardiovascular diseases (Review). <i>International Journal of Molecular Medicine</i> , 2021, 49, .	4.0	9
68	Increased risk of rheumatoid arthritis in patients with endometriosis: genetic aspects. <i>Rheumatology</i> , 2022, 61, 4252-4262.	1.9	9
69	IMGT/Collier-de-Perles: a two-dimensional visualization tool for amino acid domain sequences. <i>Theoretical Biology and Medical Modelling</i> , 2013, 10, 14.	2.1	8
70	Computational Construction of Antibody-Drug Conjugates Using Surface Lysines as the Antibody Conjugation Site and a Non-cleavable Linker. <i>Cancer Informatics</i> , 2014, 13, CIN.S19222.	1.9	8
71	Advanced Protein Alignments Based on Sequence, Structure and Hydropathy Profiles; The Paradigm of the Viral Polymerase Enzyme. <i>Mathematics in Computer Science</i> , 2017, 11, 197-208.	0.4	8
72	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.	3.5	8

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73	A novel variant in DYNC1H1 could contribute to human amyotrophic lateral sclerosis-frontotemporal dementia spectrum.. Journal of Physical Education and Sports Management, 2021, , mcs.a006096.	1.2	8
74	Silencing Motifs in the Clr2 Protein from Fission Yeast, Schizosaccharomyces pombe. PLoS ONE, 2014, 9, e86948.	2.5	8
75	lncRNA <i>NORAD</i> is consistently detected in breastmilk exosomes and its expression is downregulated in mothers of preterm infants. International Journal of Molecular Medicine, 2021, 48, .	4.0	8
76	Hepatopulmonary hydatidosis in a ten-year-old girl: a case report. Journal of Medical Case Reports, 2010, 4, 205.	0.8	7
77	Unraveling microalgal molecular interactions using evolutionary and structural bioinformatics. Gene, 2013, 528, 109-119.	2.2	7
78	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
79	Identifying early abdominal obesity risk in adolescents by telemedicine: A cross-sectional study in Greece. Food and Chemical Toxicology, 2020, 144, 111532.	3.6	7
80	Proteome analysis of leaf, stem and callus in <i>Viscum album</i> and identification of lectins and viscotoxins with bioactive properties. Plant Cell, Tissue and Organ Culture, 2020, 141, 167-178.	2.3	7
81	Improving the Utility of Polygenic Risk Scores as a Biomarker for Alzheimer's Disease. Cells, 2021, 10, 1627.	4.1	7
82	Conserved functional motifs of the nuclear receptor superfamily as potential pharmacological targets. , 2021, 1, .		7
83	Stress management intervention to enhance adolescent resilience: a randomized controlled trial. EMBnet Journal, 2021, 26, e967.	0.6	7
84	Pathogenic and Low-Frequency Variants in Children With Central Precocious Puberty. Frontiers in Endocrinology, 2021, 12, 745048.	3.5	7
85	Molecular modelling of novel ADCY3 variant predicts a molecular target for tackling obesity. International Journal of Molecular Medicine, 2021, 49, .	4.0	7
86	The Rosenberg Self-Esteem Scale: Translation and Validation in the Greek Language in Adolescents. Advances in Experimental Medicine and Biology, 2021, 1339, 97-103.	1.6	7
87	On integrating multi-experiment microarray data. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20130136.	3.4	6
88	Exosomics. EMBnet Journal, 2020, 26, .	0.6	6
89	The Interaction of the Microtubule Targeting Anticancer Drug Colchicine with Human Glutathione Transferases. Current Pharmaceutical Design, 2020, 26, 5205-5212.	1.9	6
90	A comprehensive structural and functional analysis of the ligand binding domain of the nuclear receptor superfamily reveals highly conserved signaling motifs and two distinct canonical forms through evolution. World Academy of Sciences Journal, 0, , .	0.6	6

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91	Molecular modelling study of the 3D structure of the bovine viral diarrhea virus (BVDV) helicase. In <i>Silico Biology</i> , 2008, 8, 461-9.	0.9	6
92	Computer-Aided Drug Design and Biological Evaluation of Novel Anti-Greek Goat Encephalitis Agents. <i>International Journal of Systems Biology and Biomedical Technologies</i> , 2013, 2, 1-16.	0.2	5
93	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.	2.8	5
94	Demetra Application: An integrated genotype analysis web server for clinical genomics in endometriosis. <i>International Journal of Molecular Medicine</i> , 2021, 47, .	4.0	5
95	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, .	2.4	5
96	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.	0.4	5
97	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.	3.0	5
98	3D Molecular Modelling of the Helicase Enzyme of the Endemic, Zoonotic Greek Goat Encephalitis Virus. <i>Communications in Computer and Information Science</i> , 2013, , 165-171.	0.5	5
99	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
100	Ebola Virus Disease and Current Therapeutic Strategies: A Review. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1339, 131-137.	1.6	5
101	Towards the elucidation of the regulatory network guiding the insulin producing cellsâ€™ differentiation. <i>Genomics</i> , 2012, 100, 212-221.	2.9	4
102	Introductory Chapter: Molecular Docking - Overview, Background, Application and What the Future Holds. , 0, , .		4
103	Introductory Chapter: Gene Profiling in Cancer in the Era of Metagenomics and Precision Medicine. , 0, , .		4
104	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.	4.1	4
105	Antisoma Application: A Fully Integrated V-Like Antibodies Platform. <i>AIMS Medical Science</i> , 2017, 4, 784-797.	0.4	4
106	Adolescent Self-Efficacy for Diet and Exercise Following a School-Based Multicomponent Lifestyle Intervention. <i>Nutrients</i> , 2022, 14, 97.	4.1	4
107	State-of-the-Art GPGPU Applications in Bioinformatics. <i>International Journal of Systems Biology and Biomedical Technologies</i> , 2013, 2, 24-48.	0.2	3
108	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.	5.8	3

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109	An updated evolutionary study of the nuclear receptor protein family. World Academy of Sciences Journal, 2021, 3, .	0.6	3
110	Stress Management in Elementary School Students: a Pilot Randomised Controlled Trial. EMBnet Journal, 2021, 26, e976.	0.6	3
111	Speeding up the drug discovery process: structural similarity searches using molecular surfaces. EMBnet Journal, 2012, 18, 6.	0.6	3
112	A Biofeedback-Assisted Stress Management Program for Patients with Irritable Bowel Syndrome: a Randomised Controlled Trial. EMBnet Journal, 2021, 26, e980.	0.6	3
113	An Up-To-Date Review of Piglet Isosporosis. , 2018, , 116-131.		3
114	Ebola virus epidemic: a deliberate accident?. Journal of Molecular Biochemistry, 2014, 3, 72-76.	0.1	3
115	A series of Notch3 mutations in CADASIL; insights from 3D molecular modelling and evolutionary analyses. Journal of Molecular Biochemistry, 2014, 3, .	0.1	3
116	Epione application: An integrated webâ€™toolkit of clinical genomics and personalized medicine in systemic lupus erythematosus. International Journal of Molecular Medicine, 2021, 49, .	4.0	3
117	State-of-the-Art Neural Networks Applications in Biology. International Journal of Systems Biology and Biomedical Technologies, 2013, 2, 63-85.	0.2	2
118	Genetic and Geo-Epidemiological Analysis of the Zika Virus Pandemic; Learning Lessons from the Recent Ebola Outbreak. , 2018, , .		2
119	Insights into the Influence of Specific Splicing Events on the Structural Organization of LRRK2. International Journal of Molecular Sciences, 2018, 19, 2784.	4.1	2
120	Carcinogenic Pesticide Control via Hijacking Endosymbiosis; The Paradigm of DSB-A from Wolbachia pipientis for the Management of Otiorrhynchus singularis. In Vivo, 2018, 32, 1051-1062.	1.3	2
121	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.	3.8	2
122	Genetic and structural analyses of ssRNA viruses pave the way for the discovery of novel antiviral pharmacological targets. Molecular Omics, 2021, 17, 357-364.	2.8	2
123	Validation of the Greek version of the Problematic Internet Use Questionnaire - Short Form (PIUQ-SF-6). EMBnet Journal, 2021, 26, e978.	0.6	2
124	COVIDâ€™19 global social lockdowns: Energyâ€™related, psychological, epigenetic, health and environmental impacts (Review). International Journal of Epigenetics, 2021, 1, .	0.5	2
125	Land Suitability Assessment for Olive Mill Wastewater Disposal by Integrating Multicriteria Decision Support Tools. EMBnet Journal, 2021, 26, e947.	0.6	2
126	Validation of the Cosmetic Procedure Screening (COPS) Questionnaire in the Greek language. EMBnet Journal, 2021, 26, e971.	0.6	2

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127	Pythagorean Self Awareness Intervention in Caregivers of Patients with Motor Disabilities. EMBnet Journal, 2021, 26, e970.	0.6	2
128	Validation of the Instagram Addiction Scale in Greek Youth. EMBnet Journal, 2021, 26, e973.	0.6	2
129	A rapid assay for the biological evaluation of helicase activity.. Protocol Exchange, 0, , .	0.3	2
130	Stress among pediatric oncology staff. A systematic review. EMBnet Journal, 2021, 26, e981.	0.6	2
131	Microbiome Hijacking Towards an Integrative Pest Management Pipeline. Advances in Experimental Medicine and Biology, 2020, 1195, 21-32.	1.6	2
132	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. Advances in Experimental Medicine and Biology, 2020, 1195, 59-71.	1.6	2
133	Validation of the STOP-Bang Questionnaire in Greek Patients Suffering from Obstructive Sleep Apnea. Advances in Experimental Medicine and Biology, 2021, 1337, 77-82.	1.6	2
134	Validation of the Greek Version of Social Media Disorder Scale. Advances in Experimental Medicine and Biology, 2021, 1338, 107-116.	1.6	2
135	The medical cyborg concept.. EMBnet Journal, 2022, 27, e1005.	0.6	2
136	An Update on the H7N9 Strain of the Influenza A Virus. International Journal of Systems Biology and Biomedical Technologies, 2013, 2, 59-66.	0.2	1
137	POS0350â€¦EPIONE APPLICATION: AN INTEGRATED GENOTYPE ANALYSIS WEB SERVER FOR CLINICAL GENOMICS IN SYSTEMIC LUPUS ERYTHEMATOSUS (SLE). Annals of the Rheumatic Diseases, 2021, 80, 405-405.	0.9	1
138	On the origins of life: A molecular and a cellular journey driven by genentropy. International Journal of Epigenetics, 2021, 1, .	0.5	1
139	Materials of biological origin and biofuels: Small environmental footprint and epigenetic impact (Review). International Journal of Epigenetics, 2021, 1, .	0.5	1
140	Reliability and validity of the Peer Relation Questionnaire in a sample of Greek school children and adolescents. EMBnet Journal, 2021, 26, e974.	0.6	1
141	Antibody Clustering Using a Machine Learning Pipeline that Fuses Genetic, Structural, and Physicochemical Properties. Advances in Experimental Medicine and Biology, 2020, 1194, 41-58.	1.6	1
142	The future of structural bioinformatics in the post-genomic era. EMBnet Journal, 2012, 18, 3.	0.6	1
143	Dark Suite; a comprehensive toolbox for computer-aided drug design. EMBnet Journal, 2020, 25, e928.	0.6	1
144	[Editorial] Epigenetics. , 2020, 1, .		1

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145	3D Structural Bioinformatics of Proteins and Antibodies: State of the Art Perspectives and Challenges. <i>International Journal of Systems Biology and Biomedical Technologies</i> , 2013, 2, 67-74.	0.2	1
146	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.	1.6	1
147	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, .	0.6	1
148	3D structural analysis of proteins using electrostatic surfaces based on image segmentation. <i>Journal of Molecular Biochemistry</i> , 2014, 3, 27-33.	0.1	1
149	Stress Management in Women with Hashimoto's thyroiditis: A Randomized Controlled Trial. <i>Journal of Molecular Biochemistry</i> , 2019, 8, 3-12.	0.1	1
150	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
151	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.	1.6	1
152	Integrated Deadenylase Genetic Association Network and Transcriptome Analysis in Thoracic Carcinomas. <i>Molecules</i> , 2022, 27, 3102.	3.8	1
153	An Up-To-Date Review of Piglet Isosporosis. <i>International Journal of Systems Biology and Biomedical Technologies</i> , 2013, 2, 49-62.	0.2	0
154	A Bioinformatics Method for the Production of Antibody-Drug Conjugates Through Site-Specific Cysteine Conjugation. , 0, , .		0
155	Complexity in Medical Informatics. <i>Complexity</i> , 2019, 2019, 1-2.	1.6	0
156	Introductory Chapter: Systems Biology Consolidating State of the Art Genetics and Bioinformatics. , 2019, , .		0
157	Biochemical and in silico identification of the active site and the catalytic mechanism of the circadian deadenylase HESPERIN. <i>FEBS Open Bio</i> , 2020, , .	2.3	0
158	Antibody Clustering and 3D Modeling for Neurodegenerative Diseases. , 2021, , 1-13.		0
159	Study of the Langkat virus RNA-dependent RNA polymerase through homology modeling. <i>EMBnet Journal</i> , 2021, 26, e944.	0.6	0
160	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.	0.6	0
161	The EMBnet International Conference 2020: Bioinformatics Approaches to Precision Research. <i>EMBnet Journal</i> , 2021, 26, e1006.	0.6	0
162	Mechanisms of epigenetic inheritance in children following exposure to abuse. <i>EMBnet Journal</i> , 2021, 26, e995.	0.6	0

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163	Computer-aided drug design and pharmacophore modelling towards the discovery of novel anti-ebola agents. EMBnet Journal, 2021, 26, e961.	0.6	0
164	Single-cell mapping of microRNA expression during cardiac development. EMBnet Journal, 2021, 26, e958.	0.6	0
165	Exosomes in breast milk: a genetic trojan horse from mother to child. EMBnet Journal, 2021, 26, e993.	0.6	0
166	A computational drug design strategy against the Yellow Fever Virus helicase. EMBnet Journal, 2021, 26, e994.	0.6	0
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