

Konstantinos Theofilatos

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

734
citations

686830

13
h-index

580395

25
g-index

27
all docs

27
docs citations

27
times ranked

1227
citing authors

#	ARTICLE	IF	CITATIONS
1	Systems biology in cardiovascular disease: a multiomics approach. <i>Nature Reviews Cardiology</i> , 2021, 18, 313-330.	6.1	134
2	SARS-CoV-2 RNAemia and proteomic trajectories inform prognostication in COVID-19 patients admitted to intensive care. <i>Nature Communications</i> , 2021, 12, 3406.	5.8	122
3	Comparative Analysis of Circulating Noncoding RNAs Versus Protein Biomarkers in the Detection of Myocardial Injury. <i>Circulation Research</i> , 2019, 125, 328-340.	2.0	86
4	Paracrine signalling by cardiac calcitonin controls atrial fibrogenesis and arrhythmia. <i>Nature</i> , 2020, 587, 460-465.	13.7	55
5	Association of cardiometabolic microRNAs with COVID-19 severity and mortality. <i>Cardiovascular Research</i> , 2022, 118, 461-474.	1.8	51
6	Impairment of the ER/mitochondria compartment in human cardiomyocytes with PLN p.Arg14del mutation. <i>EMBO Molecular Medicine</i> , 2021, 13, e13074.	3.3	34
7	Extracellular Matrix in Heart Failure: Role of ADAMTS5 in Proteoglycan Remodeling. <i>Circulation</i> , 2021, 144, 2021-2034.	1.6	31
8	Neutrophil-Derived Protein S100A8/A9 Alters the Platelet Proteome in Acute Myocardial Infarction and Is Associated With Changes in Platelet Reactivity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 49-62.	1.1	31
9	Predicting protein complexes from weighted protein-protein interaction graphs with a novel unsupervised methodology: Evolutionary enhanced Markov clustering. <i>Artificial Intelligence in Medicine</i> , 2015, 63, 181-189.	3.8	26
10	Gene editing reverses arrhythmia susceptibility in humanized PLN-R14del mice: modelling a European cardiomyopathy with global impact. <i>Cardiovascular Research</i> , 2022, 118, 3140-3150.	1.8	23
11	Protein Aggregation Is an Early Manifestation of Phospholamban p.(Arg14del)-Related Cardiomyopathy: Development of PLN-R14del-Related Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2021, 14, e008532.	1.6	17
12	On the human taste perception: Molecular-level understanding empowered by computational methods. <i>Trends in Food Science and Technology</i> , 2021, 116, 445-459.	7.8	17
13	Metabolic recovery after weight loss surgery is reflected in serum microRNAs. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001441.	1.2	15
14	Discovery of stroke-related blood biomarkers from gene expression network models. <i>BMC Medical Genomics</i> , 2019, 12, 118.	0.7	14
15	PCSK9 Activity Is Potentiated Through HDL Binding. <i>Circulation Research</i> , 2021, 129, 1039-1053.	2.0	13
16	An Adaptive Pipeline To Maximize Isobaric Tagging Data in Large-Scale MS-Based Proteomics. <i>Journal of Proteome Research</i> , 2018, 17, 2165-2173.	1.8	11
17	A survey on computational taste predictors. <i>European Food Research and Technology</i> , 2022, 248, 2215-2235.	1.6	9
18	Predicting overlapping protein complexes from weighted protein interaction graphs by gradually expanding dense neighborhoods. <i>Artificial Intelligence in Medicine</i> , 2016, 71, 62-69.	3.8	8

#	ARTICLE	IF	CITATIONS
19	<p>Reducing Opioid Prescriptions by Identifying Responders on Topical Analgesic Treatment Using an Individualized Medicine and Predictive Analytics Approach</p>. Journal of Pain Research, 2020, Volume 13, 1255-1266.	0.8	8
20	A Bioinformatic Approach for the Identification of Molecular Determinants of Resistance/Sensitivity to Cancer Thermotherapy. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	1.9	7
21	Predicting human miRNA target genes using a novel computational intelligent framework. Information Sciences, 2015, 294, 576-585.	4.0	6
22	InSyBio BioNets: an efficient tool for network-based biomarker discovery. EMBnet Journal, 2016, 22, 871.	0.2	4
23	Pharmacoepigenomics circuits induced by a novel retinoid-polyamine conjugate in human immortalized keratinocytes. Pharmacogenomics Journal, 2021, 21, 638-648.	0.9	3
24	InSyBio ncRNASeq: A web tool for analyzing non-coding RNAs. EMBnet Journal, 2017, 23, 882.	0.2	2
25	Non-coding RNA Sequences Identification and Classification Using a Multi-class and Multi-label Ensemble Technique. IFIP Advances in Information and Communication Technology, 2018, , 179-188.	0.5	1
26	Identification of Important Biological Pathways for Ischemic Stroke Prediction through a Mathematical Programming Optimisation Model-DIGS. , 2020, , .		1