

# Eleftherios Pilalis

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

383  
citations

933447  
10  
h-index

794594  
19  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decitabine potentiates efficacy of doxorubicin in a preclinical trastuzumab-resistant HER2-positive breast cancer models. Biomedicine and Pharmacotherapy, 2022, 147, 112662.	5.6	14
2	Regulated IRE1 $\alpha$ -dependent decay (RIDD)-mediated reprogramming of lipid metabolism in cancer. Nature Communications, 2022, 13, 2493.	12.8	28
3	Integration of Raman spectra with transcriptome data in glioblastoma multiforme defines tumour subtypes and predicts patient outcome. Journal of Cellular and Molecular Medicine, 2021, 25, 10846-10856.	3.6	5
4	Epigenetics in Breast Cancer Therapy—New Strategies and Future Nanomedicine Perspectives. Cancers, 2020, 12, 3622.	3.7	36
5	Container-aided integrative QTL and RNA-seq analysis of Collaborative Cross mice supports distinct sex-oriented molecular modes of response in obesity. BMC Genomics, 2020, 21, 761.	2.8	7
6	RA-map: building a state-of-the-art interactive knowledge base for rheumatoid arthritis. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	3.0	25
7	A Computational Pipeline for the Extraction of Actionable Biological Information From NGS-Phage Display Experiments. Frontiers in Physiology, 2019, 10, 1160.	2.8	6
8	ANASTASIA: An Automated Metagenomic Analysis Pipeline for Novel Enzyme Discovery Exploiting Next Generation Sequencing Data. Frontiers in Genetics, 2019, 10, 469.	2.3	21
9	Control of anterior $\alpha$ -GRP78-dependent 2 ( $\alpha$ -GRP78-dependent 2) dimerization links endoplasmic reticulum proteostasis to inflammation. EMBO Molecular Medicine, 2019, 11, .	6.9	48
10	Radiogenomic Analysis of F-18-Fluorodeoxyglucose Positron Emission Tomography and Gene Expression Data Elucidates the Epidemiological Complexity of Colorectal Cancer Landscape. Computational and Structural Biotechnology Journal, 2019, 17, 177-185.	4.1	51
11	Combining Pathway Analysis and Supervised Machine Learning for the Functional Classification of Single-Cell Transcriptomic Data. , 2019, , .		0
12	Integrative Bioinformatic Analysis of Transcriptomic Data Identifies Conserved Molecular Pathways Underlying Ionizing Radiation-Induced Bystander Effects (RIBE). Cancers, 2017, 9, 160.	3.7	5
13	Analyzing and Visualizing Genomic Complexity for the Derivation of the Emergent Molecular Networks. International Journal of Monitoring and Surveillance Technologies Research, 2016, 4, 30-49.	0.3	18
14	The Development of an Angiogenic Protein “Signature” in Ovarian Cancer Ascites as a Tool for Biologic and Prognostic Profiling. PLoS ONE, 2016, 11, e0156403.	2.5	22
15	Development and validation of a skin fibroblast biomarker profile for schizophrenic patients. AIMS Bioengineering, 2016, 3, 552-565.	1.1	2
16	Cancer Biomarkers from Genome-Scale DNA Methylation: Comparison of Evolutionary and Semantic Analysis Methods. Microarrays (Basel, Switzerland), 2015, 4, 647-670.	1.4	6
17	Making sense of the biological complexity through the platform-driven unification of the analytical and visualization tasks. , 2015, , .		2
18	KENeV : A web-application for the automated reconstruction and visualization of the enriched metabolic and signaling super-pathways deriving from genomic experiments. Computational and Structural Biotechnology Journal, 2015, 13, 248-255.	4.1	11

#	ARTICLE	IF	CITATIONS
19	An Entropy-based Statistical Workflow Provides Noise-Minimizing Biological Annotation for. , 2014, , .		0
20	ANASTASIA a versatile web platform for metagenomic analysis. New Biotechnology, 2014, 31, S170.	4.4	2
21	Prioritized functional analysis of biological experiments using resampling and noise control methodologies. , 2013, , .		5
22	Prediction of enzymatic activity of proteins based on structural and functional domains. , 2013, , .		1
23	A Galaxy Workflow for the Functional Annotation of Metagenomic Samples. Lecture Notes in Computer Science, 2012, , 247-253.	1.3	3
24	Escherichia coli genome-wide promoter analysis: Identification of additional AtoC binding target elements. BMC Genomics, 2011, 12, 238.	2.8	9
25	An in silico compartmentalized metabolic model of <i>Brassica napus</i> enables the systemic study of regulatory aspects of plant central metabolism. Biotechnology and Bioengineering, 2011, 108, 1673-1682.	3.3	53
26	GRISSOM web based grid portal: Exploiting the power of grid infrastructure for the interpretation and storage of DNA microarray experiments. , 2009, , .		2
27	Study of a protein based angiogenic profile in endometrial tissue of women undergoing assisted reproductive techniques - A pilot study. Clinical Practice (London, England), 0, , .	0.1	0