Salvatore Alaimo

List of Publications by Year
in descending order

39 papers	1,006 citations	623574 14 h-index	454834 30 g-index
45 all docs	45 docs citations	45 times ranked	1736 citing authors

#	Article	IF	Citations
1	NETME: on-the-fly knowledge network construction from biomedical literature. Applied Network Science, 2022, 7, 1.	0.8	12
2	Pathway Analysis for Cancer Research and Precision Oncology Applications. Advances in Experimental Medicine and Biology, 2022, 1361, 143-161.	0.8	2
3	Computational Resources for the Interpretation of Variations in Cancer. Advances in Experimental Medicine and Biology, 2022, 1361, 177-198.	0.8	2
4	Computational Methods for Drug Repurposing. Advances in Experimental Medicine and Biology, 2022, 1361, 119-141.	0.8	8
5	BioTAGME: A Comprehensive Platform for Biological Knowledge Network Analysis. Frontiers in Genetics, 2022, 13, 855739.	1.1	0
6	Virus finding tools: current solutions and limitations. Briefings in Bioinformatics, 2022, 23, .	3.2	2
7	Network analysis of synovial RNA sequencing identifies gene-gene interactions predictive of response in rheumatoid arthritis. Arthritis Research and Therapy, 2022, 24, .	1.6	6
8	â€œDiagnosis on the Dockâ€•project: A proactive screening program for diagnosing pulmonary tuberculosis in disembarking refugees and new SEI model. International Journal of Infectious Diseases, 2021, 106, 98-104.	1.5	1
9	RNAdetector: a free user-friendly stand-alone and cloud-based system for RNA-Seq data analysis. BMC Bioinformatics, 2021, 22, 298.	1.2	7
10	VECTOR: An Integrated Correlation Network Database for the Identification of CeRNA Axes in Uveal Melanoma. Genes, 2021, 12, 1004.	1.0	10
11	PHENSIM: Phenotype Simulator. PLoS Computational Biology, 2021, 17, e1009069.	1.5	9
12	Bioinformatics Approach to Mitigate Mislabeling in EU Seafood Market and Protect Consumer Health. International Journal of Environmental Research and Public Health, 2021, 18, 7497.	1.2	4
13	Psychopathological outcomes and defence mechanisms in clinically healed adults with a paediatric cancer history: an exploratory study. Annals of General Psychiatry, 2021, 34, e100307.	1.1	2
14	Novel Mechanisms of Tumor Promotion by the Insulin Receptor Isoform A in Triple-Negative Breast Cancer Cells. Cells, 2021, 10, 3145.	1.8	14
15	A benchmarking of pipelines for detecting ncRNAs from RNA-Seq data. Briefings in Bioinformatics, 2020, 21, 1987-1998.	3.2	16
16	P22â€ƒMicro-RNA enriched pathway impact analysis applied to synovial RNA-seq in early rheumatoid arthritis identifies response prediction pathways. Rheumatology, 2020, 59, .	0.9	0
17	Prevalence and Clinical Characteristics of Children and Adolescents with Metabolically Healthy Obesity: Role of Insulin Sensitivity. Life, 2020, 10, 127.	1.1	9
18	Disentangling Restrictive and Repetitive Behaviors and Social Impairments in Children and Adolescents with Gilles de la Tourette Syndrome and Autism Spectrum Disorder. Brain Sciences, 2020, 10, 308.	1.1	11

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19	Endogenous and artificial miRNAs explore a rich variety of conformations: a potential relationship between secondary structure and biological functionality. Scientific Reports, 2020, 10, 453.	1.6	7
20	Computational Methods to Investigate the Impact of miRNAs on Pathways. Methods in Molecular Biology, 2019, 1970, 183-209.	0.4	5
21	Identification of tRNA-derived ncRNAs in TCGA and NCI-60 panel cell lines and development of the public database tRFexplorer. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	36
22	TACITuS: transcriptomic data collector, integrator, and selector on big data platform. BMC Bioinformatics, 2019, 20, 366.	1.2	3
23	Multilocus sequence typing analysis of Italian *Xanthomonas campestris* pv. *campestris* strains suggests the evolution of local endemic populations of the pathogen and does not correlate with race distribution. Plant Pathology, 2019, 68, 278-287.	1.2	14
24	Network-Based Drug Repositioning: Approaches, Resources, and Research Directions. Methods in Molecular Biology, 2019, 1903, 97-113.	0.4	40
25	B-type natriuretic peptide may predict prognosis in older adults admitted with a diagnosis other than heart failure. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 636-642.	1.1	8
26	Electrocardiographic Evaluation in Patients With Spinal Muscular Atrophy: A Case-Control Study. Journal of Child Neurology, 2018, 33, 487-492.	0.7	4
27	Neutrophil-to-Lymphocyte Ratio is a strong predictor of atherosclerotic carotid plaques in older adults. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 23-27.	1.1	78
28	A Subset of Patients With Autism Spectrum Disorders Show a Distinctive Metabolic Profile by Dried Blood Spot Analyses. Frontiers in Psychiatry, 2018, 9, 636.	1.3	41
29	Neutrophilâ€Toâ€Lymphocyte Ratio: An Emerging Marker Predicting Prognosis in Elderly Adults with Communityâ€Acquired Pneumonia. Journal of the American Geriatrics Society, 2017, 65, 1796-1801.	1.3	133
30	Detecting Disease Specific Pathway Substructures through an Integrated Systems Biology Approach. Non-coding RNA, 2017, 3, 20.	1.3	25
31	Current Knowledge and Computational Techniques for Grapevine Meta-Omics Analysis. Frontiers in Plant Science, 2017, 8, 2241.	1.7	24
32	Recommendation Techniques for Drugâ€"Target Interaction Prediction and Drug Repositioning. Methods in Molecular Biology, 2016, 1415, 441-462.	0.4	33
33	A novel computational method for inferring competing endogenous interactions. Briefings in Bioinformatics, 2016, 18, bbw084.	3.2	37
34	Post-transcriptional knowledge in pathway analysis increases the accuracy of phenotypes classification. Oncotarget, 2016, 7, 54572-54582.	0.8	43
35	DT-Web: a web-based application for drug-target interaction and drug combination prediction through domain-tuned network-based inference. BMC Systems Biology, 2015, 9, S4.	3.0	38
36	Knowledge in the Investigation of A-to-I RNA Editing Signals. Frontiers in Bioengineering and Biotechnology, 2015, 3, 18.	2.0	17

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37	Prediction of human population responses to toxic compounds by a collaborative competition. Nature Biotechnology, 2015, 33, 933-940.	9.4	88
38	ncPred: ncRNA-Disease Association Prediction through Tripartite Network-Based Inference. Frontiers in Bioengineering and Biotechnology, 2014, 2, 71.	2.0	56
39	Drug–target interaction prediction through domain-tuned network-based inference. Bioinformatics, 2013, 29, 2004-2008.	1.8	146