Fabio Cumbo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8579540/publications.pdf

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26	1,843	933264	713332
papers	citations	10 h-index	21 g-index

27	27	27	3253
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioconda: sustainable and comprehensive software distribution for the life sciences. Nature Methods, 2018, 15, 475-476.	9.0	714
2	Precise phylogenetic analysis of microbial isolates and genomes from metagenomes using PhyloPhlAn 3.0. Nature Communications, 2020, 11, 2500.	5.8	368
3	A collection of bacterial isolates from the pig intestine reveals functional and taxonomic diversity. Nature Communications, 2020, 11, 6389.	5.8	269
4	Large-scale genome-wide analysis links lactic acid bacteria from food with the gut microbiome. Nature Communications, 2020, 11, 2610.	5.8	190
5	Genomic diversity and ecology of human-associated Akkermansia species in the gut microbiome revealed by extensive metagenomic assembly. Genome Biology, 2021, 22, 209.	3.8	65
6	Microbial genomes from non-human primate gut metagenomes expand the primate-associated bacterial tree of life with over 1000 novel species. Genome Biology, 2019, 20, 299.	3.8	58
7	GIANT: A Cytoscape Plugin for Modular Networks. PLoS ONE, 2014, 9, e105001.	1.1	39
8	Classification of Large DNA Methylation Datasets for Identifying Cancer Drivers. Big Data Research, 2018, 13, 21-28.	2.6	38
9	TCGA2BED: extracting, extending, integrating, and querying The Cancer Genome Atlas. BMC Bioinformatics, 2017, 18, 6.	1.2	33
10	OpenGDC: Unifying, Modeling, Integrating Cancer Genomic Data and Clinical Metadata. Applied Sciences (Switzerland), 2020, 10, 6367.	1.3	12
11	Commensal Bifidobacterium Strains Enhance the Efficacy of Neo-Epitope Based Cancer Vaccines. Vaccines, 2021, 9, 1356.	2.1	10
12	IWTomics: testing high-resolution sequence-based â€˜Omicsâ€™ data at multiple locations and scales. Bioinformatics, 2018, 34, 2289-2291.	1.8	8
13	A Brain-Inspired Hyperdimensional Computing Approach for Classifying Massive DNA Methylation Data of Cancer. Algorithms, 2020, 13, 233.	1.2	8
14	Outer Membrane Vesicles From The Gut Microbiome Contribute to Tumor Immunity by Eliciting Cross-Reactive T Cells. Frontiers in Oncology, 0, 12, .	1.3	8
15	Genomic Data Integration: A Case Study on Next Generation Sequencing of Cancer. , 2016, , .		5
16	Investigating transcription factor synergism in humans. DNA Research, 2018, 25, 103-112.	1.5	5
17	An ontology-based approach to improve data querying and organization of Alzheimerâ€™s Disease data. , 2018, , .		3
18	Time dynamics of protein complexes in the AD11 transgenic mouse model for Alzheimerâ€™s disease like pathology. BMC Neuroscience, 2015, 16, 28.	0.8	2

#	Article	IF	Citations
19	Classifying Big DNA Methylation Data: A Gene-Oriented Approach. Communications in Computer and Information Science, 2018, , 138-149.	0.4	2
20	GMS â€“ Gammadiae Management System: cataloguing and interpretation project of the so-called gammadiae starting from the iconographic evidences in the Roman catacombs. Conservar Patrimonio, 2019, 31, 145-154.	0.5	2
21	COSYS: A Computational Infrastructure for Systems Biology. Lecture Notes in Computer Science, 2017, , 82-92.	1.0	1
22	IRIS-TCGA: An Information Retrieval and Integration System for Genomic Data of Cancer. Lecture Notes in Computer Science, 2017, , 160-171.	1.0	1
23	Smart Persistence and Accessibility of Genomic and Clinical Data. Communications in Computer and Information Science, 2019, , 8-14.	0.4	1
24	An In-Memory Cognitive-Based Hyperdimensional Approach to Accurately Classify DNA-Methylation Data of Cancer. Communications in Computer and Information Science, 2020, , 3-10.	0.4	1
25	Selecting relevant nodes and structures in biological networks. BiNAT: a new plugin for Cytoscape. F1000Research, 0, 3, 287.	0.8	0
26	Extending Knowledge on Genomic Data and Metadata of Cancer by Exploiting Taxonomy-Based Relaxed Queries on Domain-Specific Ontologies. Lecture Notes in Computer Science, 2020, , 33-43.	1.0	0