

Oswaldo Trelles Salazar

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,299
citations

361413

20
h-index

361022

35
g-index

64
all docs

64
docs citations

64
times ranked

1830
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling Genome Evolution Throughout Visual Analysis: The XCut Portal. <i>Bioinformatics and Biology Insights</i> , 2021, 15, 117793222110214.	2.0	0
2	PLIDflow: an open-source workflow for the online analysis of protein-ligand docking using galaxy. <i>Bioinformatics</i> , 2020, 36, 4203-4205.	4.1	2
3	Ultra-fast genome comparison for large-scale genomic experiments. <i>Scientific Reports</i> , 2019, 9, 10274.	3.3	24
4	Combining Strengths for Multi-genome Visual Analytics Comparison. <i>Bioinformatics and Biology Insights</i> , 2019, 13, 117793221882512.	2.0	1
5	mORCA: sailing bioinformatics world with mobile devices. <i>Bioinformatics</i> , 2018, 34, 869-870.	4.1	1
6	Training bioinformaticians in High Performance Computing. <i>Heliyon</i> , 2018, 4, e01057.	3.2	5
7	Precise and Parallel Pairwise Metagenomic Comparisons. <i>Journal of Computational Biology</i> , 2018, 25, 841-849.	1.6	1
8	mORCA: ubiquitous access to life science web services. <i>BMC Genomics</i> , 2018, 19, 56.	2.8	0
9	Workflows and Service Discovery: A Mobile Device Approach. <i>Lecture Notes in Computer Science</i> , 2018, , 177-185.	1.3	0
10	Building an open source cloud environment with auto-scaling resources for executing bioinformatics and biomedical workflows. <i>Future Generation Computer Systems</i> , 2017, 67, 329-340.	7.5	24
11	Two level parallelism and I/O reduction in genome comparisons. <i>Cluster Computing</i> , 2017, 20, 1925-1936.	5.0	2
12	Accelerating Exhaustive Pairwise Metagenomic Comparisons. <i>Lecture Notes in Computer Science</i> , 2017, , 611-620.	1.3	1
13	Microbiome overview in swine lungs. <i>PLoS ONE</i> , 2017, 12, e0181503.	2.5	33
14	Two-Level Parallelism to Accelerate Multiple Genome Comparisons. <i>Lecture Notes in Computer Science</i> , 2017, , 445-456.	1.3	1
15	Transcriptomic Analysis Using Olive Varieties and Breeding Progenies Identifies Candidate Genes Involved in Plant Architecture. <i>Frontiers in Plant Science</i> , 2016, 7, 240.	3.6	25
16	Computational workflow for the fine-grained analysis of metagenomic samples. <i>BMC Genomics</i> , 2016, 17, 802.	2.8	6
17	Pairwise Genome Comparison Workflow in the Cloud Using Galaxy. <i>Procedia Computer Science</i> , 2015, 51, 2864-2868.	2.0	3
18	Breaking the computational barriers of pairwise genome comparison. <i>BMC Bioinformatics</i> , 2015, 16, 250.	2.6	16

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19	Early and delayed long-term transcriptional changes and short-term transient responses during cold acclimation in olive leaves. <i>DNA Research</i> , 2015, 22, 1-11.	3.4	67
20	Mobile Access to On-line Analytic Bioinformatics Tools. <i>Lecture Notes in Computer Science</i> , 2015, , 555-565.	1.3	0
21	Genetic changes involved in the juvenile-to-adult transition in the shoot apex of <i>Olea europaea</i> L. occur years before the first flowering. <i>Tree Genetics and Genomes</i> , 2014, 10, 585.	1.6	20
22	Sma3s: A Three-Step Modular Annotator for Large Sequence Datasets. <i>DNA Research</i> , 2014, 21, 341-353.	3.4	80
23	MAPI: a software framework for distributed biomedical applications. <i>Journal of Biomedical Semantics</i> , 2013, 4, 4.	1.6	9
24	Bio-Cirrus: A Framework for Running Legacy Bioinformatics Applications with Cloud Computing Resources. <i>Lecture Notes in Computer Science</i> , 2013, , 200-207.	1.3	1
25	De Novo Assembly and Functional Annotation of the Olive (<i>Olea europaea</i>) Transcriptome. <i>DNA Research</i> , 2013, 20, 93-108.	3.4	84
26	Development of EST-derived SSR Markers with Long-core Repeat in Olive and Their Use for Paternity Testing. <i>Journal of the American Society for Horticultural Science</i> , 2013, 138, 290-296.	1.0	38
27	Genetic and genome-wide transcriptomic analyses identify co-regulation of oxidative response and hormone transcript abundance with vitamin C content in tomato fruit. <i>BMC Genomics</i> , 2012, 13, 187.	2.8	33
28	jORCA and Magallanes Sailing Together towards Integration of Web Services. <i>Lecture Notes in Computer Science</i> , 2012, , 94-101.	1.3	1
29	Statistical Significance for NGS Reads Similarities. <i>Lecture Notes in Computer Science</i> , 2012, , 1-7.	1.3	0
30	Using Graphics Processors for a High Performance Normalization of Gene Expressions. , 2011, , .		2
31	Big data, but are we ready?. <i>Nature Reviews Genetics</i> , 2011, 12, 224-224.	16.3	126
32	The 2nd DBCLS BioHackathon: interoperable bioinformatics Web services for integrated applications. <i>Journal of Biomedical Semantics</i> , 2011, 2, 4.	1.6	19
33	MAPI: towards the integrated exploitation of bioinformatics Web Services. <i>BMC Bioinformatics</i> , 2011, 12, 419.	2.6	1
34	The DBCLS BioHackathon: standardization and interoperability for bioinformatics web services and workflows. <i>Journal of Biomedical Semantics</i> , 2010, 1, 8.	1.6	31
35	jORCA: easily integrating bioinformatics Web Services. <i>Bioinformatics</i> , 2010, 26, 553-559.	4.1	23
36	MOWServ: a web client for integration of bioinformatic resources. <i>Nucleic Acids Research</i> , 2010, 38, W671-W676.	14.5	4

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37	Workflow Composition and Enactment Using jORCA. Lecture Notes in Computer Science, 2010, , 328-339.	1.3	7
38	PreP+07: improvements of a user friendly tool to preprocess and analyse microarray data. BMC Bioinformatics, 2009, 10, 16.	2.6	12
39	Magallanes: a web services discovery and automatic workflow composition tool. BMC Bioinformatics, 2009, 10, 334.	2.6	27
40	Supervised Lowess normalization of comparative genome hybridization data " application to lactococcal strain comparisons. BMC Bioinformatics, 2008, 9, 93.	2.6	20
41	Interoperability with Moby 1.0--It's better than sharing your toothbrush!. Briefings in Bioinformatics, 2008, 9, 220-231.	6.5	91
42	The 800-nm diode laser in the treatment of leg veins: Assessment at 6 months. Journal of the American Academy of Dermatology, 2006, 54, 282-289.	1.2	71
43	Bio-Broker: a tool for integration of biological data sources and data analysis tools. Software - Practice and Experience, 2006, 36, 1585-1604.	3.6	5
44	A new user-friendly software platform for systematic classification of skin lesions to aid in their diagnosis and prognosis. Lasers in Medical Science, 2006, 21, 54-60.	2.1	8
45	Integrated analysis of gene expression by Association Rules Discovery. BMC Bioinformatics, 2006, 7, 54.	2.6	100
46	Intelligent client for integrating bioinformatics services. Bioinformatics, 2006, 22, 106-111.	4.1	34
47	Bioinformatics and Parallel Metaheuristics. , 2005, , 517-549.		2
48	Analysis and Description of the Semantic Content of Cell Biological Videos. Multimedia Tools and Applications, 2005, 25, 37-58.	3.9	4
49	Mining association rules from biological databases. Journal of the Association for Information Science and Technology, 2005, 56, 493-504.	2.6	20
50	Long-pulsed Nd:YAG 1064nm in the treatment of leg veins: Check up of results at 6 months in 100 patients. Medical Laser Application: International Journal for Laser Treatment and Research, 2005, 20, 255-266.	0.3	6
51	Assessment of the Efficacy of Nonablative Long-Pulsed 1064-nm Nd:YAG Laser Treatment of Wrinkles Compared at 2, 4, and 6 Months. Facial Plastic Surgery, 2005, 21, 145-153.	0.9	43
52	Automatic Analysis of the Content of Cell Biological Videos and Database Organization of Their Metadata Descriptors. IEEE Transactions on Multimedia, 2004, 6, 119-128.	7.2	4
53	An 810nm diode laser in the treatment of small (1.0mm) leg veins: a preliminary assessment. Lasers in Medical Science, 2004, 19, 21-6.	2.1	9
54	Saturation and Quantization Reduction in Microarray Experiments using Two Scans at Different Sensitivities. Statistical Applications in Genetics and Molecular Biology, 2004, 3, 1-16.	0.6	18

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55	PreP: gene expression data pre-processing. <i>Bioinformatics</i> , 2003, 19, 2328-2329.	4.1	26
56	Engene: the processing and exploratory analysis of gene expression data. <i>Bioinformatics</i> , 2003, 19, 657-658.	4.1	34
57	A Computational Strategy for Protein Function Assignment which Addresses the Multidomain Problem. <i>Comparative and Functional Genomics</i> , 2002, 3, 423-440.	2.0	12
58	A metadata classification schema for semantic content analysis of videos. <i>Journal of Microscopy</i> , 2002, 205, 33-42.	1.8	9
59	Command-line interfaces can be efficiently brought to graphics: COLIMATE (the COMmand Line MATE). <i>Software - Practice and Experience</i> , 2002, 32, 873-887.	3.6	2
60	Clinical and histologic effects of facial skin rejuvenation with pulsed- and continuous-wave flash-scanned CO2 lasers. <i>Aesthetic Surgery Journal</i> , 2001, 21, 399-411.	1.6	0
61	Histological correlation in laser skin resurfacing. <i>Lasers in Medical Science</i> , 1995, 10, 279-282.	2.1	13
62	Mammalian l-amino acid decarboxylases producing 1,4-diamines: analogies among differences. <i>Trends in Biochemical Sciences</i> , 1994, 19, 318-319.	7.5	38