

Mariano Perez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2576776/publications.pdf>

Version: 2024-02-01

18
papers

157
citations

1478505

6
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

116
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison study of wavelet transforms for the visualization of differentially methylated regions in DNA samples. <i>Journal of Supercomputing</i> , 2021, 77, 2609-2623.	3.6	2
2	A Web-Based Tool for Automatic Detection and Visualization of DNA Differentially Methylated Regions. <i>Electronics (Switzerland)</i> , 2021, 10, 1083.	3.1	2
3	A new approach for the visualization of DNA methylation results. <i>Computational and Mathematical Methods</i> , 2020, 2, e1043.	0.8	3
4	<i>HPG-HMapper</i>: A DNA hydroxymethylation analysis tool. <i>International Journal of High Performance Computing Applications</i> , 2020, 34, 57-65.	3.7	5
5	HPG-DHunter: an ultrafast, friendly tool for DMR detection and visualization. <i>BMC Bioinformatics</i> , 2020, 21, 287.	2.6	4
6	Visualization of DNA methylation results through a GPU-based parallelization of the wavelet transform. <i>Journal of Supercomputing</i> , 2019, 75, 1496-1509.	3.6	7
7	Geometry-based methods for general non-planar perspective projections on curved displays. <i>Journal of Supercomputing</i> , 2019, 75, 1241-1255.	3.6	1
8	Improving hybrid distributed architectures for interactive terrain visualization. <i>Journal of Supercomputing</i> , 2017, 73, 17-28.	3.6	1
9	Combining displacement mapping methods on the GPU for real-time terrain visualization. <i>Journal of Supercomputing</i> , 2017, 73, 402-413.	3.6	2
10	A new parallel pipeline for DNA methylation analysis of long reads datasets. <i>BMC Bioinformatics</i> , 2017, 18, 161.	2.6	12
11	On the Use of Binary Trees for DNA Hydroxymethylation Analysis. <i>Lecture Notes in Computer Science</i> , 2017, , 513-522.	1.3	3
12	A parallel and sensitive software tool for methylation analysis on multicore platforms. <i>Bioinformatics</i> , 2015, 31, 3130-3138.	4.1	9
13	Terrain data compression using wavelet-tiled pyramids for online 3D terrain visualization. <i>International Journal of Geographical Information Science</i> , 2014, 28, 407-425.	4.8	12
14	Hybrid P2P schemes for remote terrain interactive visualization systems. <i>Future Generation Computer Systems</i> , 2013, 29, 1522-1532.	7.5	8
15	Non-interleaved Quadtree Node Codification. <i>Lecture Notes in Computer Science</i> , 2004, , 203-212.	1.3	0
16	Adding Synthetic Detail to Natural Terrain Using a Wavelet Approach. <i>Lecture Notes in Computer Science</i> , 2002, , 22-31.	1.3	1
17	Virtual reality for driving simulation. <i>Communications of the ACM</i> , 1996, 39, 72-76.	4.5	83
18	REAL TIME GRAPHICS AND VIRTUAL REALITY FOR DRIVING SIMULATION IN URBAN ENVIRONMENTS. , 1994, , .		1