

César Domínguez Pérez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3392376/publications.pdf>

Version: 2024-02-01

49
papers

729
citations

759233

12
h-index

580821

25
g-index

49
all docs

49
docs citations

49
times ranked

828
citing authors

#	ARTICLE	IF	CITATIONS
1	GelJ – a tool for analyzing DNA fingerprint gel images. BMC Bioinformatics, 2015, 16, 270.	2.6	238
2	CLoDSA: a tool for augmentation in classification, localization, detection, semantic segmentation and instance segmentation tasks. BMC Bioinformatics, 2019, 20, 323.	2.6	54
3	Database design learning: A project-based approach organized through a course management system. Computers and Education, 2010, 55, 1312-1320.	8.3	44
4	Ideaci3n suicida en una muestra representativa de adolescentes espa3oles. Revista De Psiquiatr3a Y Salud Mental, 2018, 11, 76-85.	1.8	39
5	IJ-OpenCV: Combining ImageJ and OpenCV for processing images in biomedicine. Computers in Biology and Medicine, 2017, 84, 189-194.	7.0	36
6	Antibiogramj: A tool for analysing images from disk diffusion tests. Computer Methods and Programs in Biomedicine, 2017, 143, 159-169.	4.7	28
7	Spiral and Project-Based Learning with Peer Assessment in a Computer Science Project Management Course. Journal of Science Education and Technology, 2016, 25, 439-449.	3.9	26
8	Biomedical image classification made easier thanks to transfer and semi-supervised learning. Computer Methods and Programs in Biomedicine, 2021, 198, 105782.	4.7	21
9	A Certified Reduction Strategy for Homological Image Processing. ACM Transactions on Computational Logic, 2014, 15, 1-23.	0.9	19
10	Supervision Typology in Computer Science Engineering Capstone Projects. Journal of Engineering Education, 2012, 101, 679-697.	3.0	17
11	A comparative analysis of the consistency and difference among online self-, peer-, external- and instructor-assessments: The competitive effect. Computers in Human Behavior, 2016, 60, 112-120.	8.5	17
12	Interuniversity telecollaboration to improve academic results and identify preferred communication tools. Computers and Education, 2013, 64, 63-69.	8.3	14
13	Spheroidj: An Open-Source Set of Tools for Spheroid Segmentation. Computer Methods and Programs in Biomedicine, 2021, 200, 105837.	4.7	14
14	Effective homology of bicomplexes, formalized in Coq. Theoretical Computer Science, 2011, 412, 962-970.	0.9	12
15	DeepClas4Bio: Connecting bioimaging tools with deep learning frameworks for image classification. Computers in Biology and Medicine, 2019, 108, 49-56.	7.0	12
16	A survey of tools for analysing DNA fingerprints. Briefings in Bioinformatics, 2015, 17, 903-911.	6.5	11
17	Object oriented institutions to specify symbolic computation systems. RAIRO - Theoretical Informatics and Applications, 2007, 41, 191-214.	0.5	11
18	Student and Staff Perceptions of Key Aspects of Computer Science Engineering Capstone Projects. IEEE Transactions on Education, 2016, 59, 45-51.	2.4	10

#	ARTICLE	IF	CITATIONS
19	Automatic characterisation of dye decolourisation in fungal strains using expert, traditional, and deep features. <i>Soft Computing</i> , 2019, 23, 12799-12812.	3.6	9
20	The Effect of Internships on Computer Science Engineering Capstone Projects. <i>IEEE Transactions on Education</i> , 2020, 63, 24-31.	2.4	9
21	Motility): An open-source tool for the classification and segmentation of bacteria on motility images. <i>Computers in Biology and Medicine</i> , 2021, 136, 104673.	7.0	9
22	Incorporating Computing Professionalsâ€™ Know-how. <i>ACM Transactions on Computing Education</i> , 2019, 19, 1-18.	3.5	8
23	Using Process Mining to Analyze Time Distribution of Self-Assessment and Formative Assessment Exercises on an Online Learning Tool. <i>IEEE Transactions on Learning Technologies</i> , 2021, 14, 709-722.	3.2	8
24	The Benefits of Close-Domain Fine-Tuning for Table Detection in Document Images. <i>Lecture Notes in Computer Science</i> , 2020, , 199-215.	1.3	8
25	Diagrammatic logic applied to a parameterisation process. <i>Mathematical Structures in Computer Science</i> , 2010, 20, 639-654.	0.6	7
26	FrlmCla: A Framework for Image Classification Using Traditional and Transfer Learning Techniques. <i>IEEE Access</i> , 2020, 8, 53443-53455.	4.2	7
27	A novel taxonomy of student-generated video styles. <i>International Journal of Educational Technology in Higher Education</i> , 2021, 18, .	7.6	5
28	Surveying and benchmarking techniques to analyse DNA gel fingerprint images. <i>Briefings in Bioinformatics</i> , 2015, 17, bbv102.	6.5	4
29	The Effects of Adding Non-Compulsory Exercises to an Online Learning Tool on Student Performance and Code Copying. <i>ACM Transactions on Computing Education</i> , 2019, 19, 1-22.	3.5	4
30	Formalizing in Coq Hidden Algebras to Specify Symbolic Computation Systems. <i>Lecture Notes in Computer Science</i> , 2008, , 270-284.	1.3	4
31	Factors Considered in the Assessment of Computer Science Engineering Capstone Projects and Their Influence on Discrepancies Between Assessors. <i>ACM Transactions on Computing Education</i> , 2020, 20, 1-23.	3.5	4
32	DecoFungi: a web application for automatic characterisation of dye decolorisation in fungal strains. <i>BMC Bioinformatics</i> , 2018, 19, 66.	2.6	3
33	Impact of Part-Time CS Engineering Internships on Workload. , 2019, , .		3
34	Modeling inheritance as coercion in a symbolic computation system. , 2001, , .		3
35	Capstone projects in computer science. , 2014, , .		2
36	A tool for capstone project management in computer science engineering. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
37	Computing in Coq with Infinite Algebraic Data Structures. Lecture Notes in Computer Science, 2010, , 204-218.	1.3	2
38	A case-study in algebraic manipulation using mechanized reasoning tools. International Journal of Computer Mathematics, 2010, 87, 1936-1949.	1.8	1
39	A PARAMETERIZATION PROCESS: FROM A FUNCTORIAL POINT OF VIEW. International Journal of Foundations of Computer Science, 2012, 23, 225-242.	1.1	1
40	Exploring the differences between low-stakes proctored and unproctored language testing using an Internet-based application. Computer Assisted Language Learning, 2019, 32, 483-509.	7.1	1
41	Modelling Differential Structures in Proof Assistants: The Graded Case. Lecture Notes in Computer Science, 2009, , 203-210.	1.3	1
42	Combining Image Processing Techniques, OCR, andÂOMR forÂtheÂDigitization ofÂMusical Books. Lecture Notes in Computer Science, 2022, , 553-567.	1.3	1
43	Capstone Projects Evolution over a Decade in a Computer Science Engineering Degree. , 2015, , .		0
44	Extending Gell for interoperability: Filling the gap in the bioinformatics resources for population genetics analysis with dominant markers. Computer Methods and Programs in Biomedicine, 2017, 140, 69-76.	4.7	0
45	WekaBioSimilarityâ€”Extending Weka with Resemblance Measures. Lecture Notes in Computer Science, 2016, , 89-98.	1.3	0
46	DetectionEvaluationJ: A Tool to Evaluate Object Detection Algorithms. Lecture Notes in Computer Science, 2018, , 273-280.	1.3	0
47	Towards Integrating ImageJ with Deep Biomedical Models. Advances in Intelligent Systems and Computing, 2019, , 334-338.	0.6	0
48	An On-Going Framework for Easily Experimenting with Deep Learning Models for Bioimaging Analysis. Advances in Intelligent Systems and Computing, 2019, , 330-333.	0.6	0
49	Jupyter Notebooks for Simplifying Transfer Learning. Lecture Notes in Computer Science, 2020, , 215-221.	1.3	0