

César Domínguez Pérez

List of Publications by Year in descending order

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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	Combining Image Processing Techniques, OCR, and OMR for the Digitization of Musical Books. Lecture Notes in Computer Science, 2022, , 553-567.	1.3	1
2	SpheroidJ: An Open-Source Set of Tools for Spheroid Segmentation. Computer Methods and Programs in Biomedicine, 2021, 200, 105837.	4.7	14
3	Biomedical image classification made easier thanks to transfer and semi-supervised learning. Computer Methods and Programs in Biomedicine, 2021, 198, 105782.	4.7	21
4	MotilityJ: An open-source tool for the classification and segmentation of bacteria on motility images. Computers in Biology and Medicine, 2021, 136, 104673.	7.0	9
5	Using Process Mining to Analyze Time Distribution of Self-Assessment and Formative Assessment Exercises on an Online Learning Tool. IEEE Transactions on Learning Technologies, 2021, 14, 709-722.	3.2	8
6	A novel taxonomy of student-generated video styles. International Journal of Educational Technology in Higher Education, 2021, 18, .	7.6	5
7	The Effect of Internships on Computer Science Engineering Capstone Projects. IEEE Transactions on Education, 2020, 63, 24-31.	2.4	9
8	FrlmCla: A Framework for Image Classification Using Traditional and Transfer Learning Techniques. IEEE Access, 2020, 8, 53443-53455.	4.2	7
9	Factors Considered in the Assessment of Computer Science Engineering Capstone Projects and Their Influence on Discrepancies Between Assessors. ACM Transactions on Computing Education, 2020, 20, 1-23.	3.5	4
10	Jupyter Notebooks for Simplifying Transfer Learning. Lecture Notes in Computer Science, 2020, , 215-221.	1.3	0
11	The Benefits of Close-Domain Fine-Tuning for Table Detection in Document Images. Lecture Notes in Computer Science, 2020, , 199-215.	1.3	8
12	CLoDSA: a tool for augmentation in classification, localization, detection, semantic segmentation and instance segmentation tasks. BMC Bioinformatics, 2019, 20, 323.	2.6	54
13	Impact of Part-Time CS Engineering Internships on Workload. , 2019, , .		3
14	The Effects of Adding Non-Compulsory Exercises to an Online Learning Tool on Student Performance and Code Copying. ACM Transactions on Computing Education, 2019, 19, 1-22.	3.5	4
15	Incorporating Computing Professionalsâ€™ Know-how. ACM Transactions on Computing Education, 2019, 19, 1-18.	3.5	8
16	Automatic characterisation of dye decolourisation in fungal strains using expert, traditional, and deep features. Soft Computing, 2019, 23, 12799-12812.	3.6	9
17	DeepClas4Bio: Connecting bioimaging tools with deep learning frameworks for image classification. Computers in Biology and Medicine, 2019, 108, 49-56.	7.0	12
18	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

#	ARTICLE	IF	CITATIONS
19	Towards Integrating ImageJ with Deep Biomedical Models. Advances in Intelligent Systems and Computing, 2019, , 334-338.	0.6	0
20	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
21	Ideaci³n suicida en una muestra representativa de adolescentes espa±oles. Revista De PsiquiatrÁa Y Salud Mental, 2018, 11, 76-85.	1.8	39
22	DecoFungi: a web application for automatic characterisation of dye decolorisation in fungal strains. BMC Bioinformatics, 2018, 19, 66.	2.6	3
23	DetectionEvaluationJ: A Tool to Evaluate Object Detection Algorithms. Lecture Notes in Computer Science, 2018, , 273-280.	1.3	0
24	Extending Gellj 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
25	IJ-OpenCV: Combining ImageJ and OpenCV for processing images in biomedicine. Computers in Biology and Medicine, 2017, 84, 189-194.	7.0	36
26	Antibiogramj: A tool for analysing images from disk diffusion tests. Computer Methods and Programs in Biomedicine, 2017, 143, 159-169.	4.7	28
27	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
28	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
29	Student and Staff Perceptions of Key Aspects of Computer Science Engineering Capstone Projects. IEEE Transactions on Education, 2016, 59, 45-51.	2.4	10
30	WekaBioSimilarityâ€”Extending Weka with Resemblance Measures. Lecture Notes in Computer Science, 2016, , 89-98.	1.3	0
31	Gellj â€” a tool for analyzing DNA fingerprint gel images. BMC Bioinformatics, 2015, 16, 270.	2.6	238
32	Surveying and benchmarking techniques to analyse DNA gel fingerprint images. Briefings in Bioinformatics, 2015, 17, bbv102.	6.5	4
33	Capstone Projects Evolution over a Decade in a Computer Science Engineering Degree. , 2015, , .		0
34	A survey of tools for analysing DNA fingerprints. Briefings in Bioinformatics, 2015, 17, 903-911.	6.5	11
35	Capstone projects in computer science. , 2014, , .		2
36	A tool for capstone project management in computer science engineering. , 2014, , .		2

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37	A Certified Reduction Strategy for Homological Image Processing. ACM Transactions on Computational Logic, 2014, 15, 1-23.	0.9	19
38	Interuniversity telecollaboration to improve academic results and identify preferred communication tools. Computers and Education, 2013, 64, 63-69.	8.3	14
39	Supervision Typology in Computer Science Engineering Capstone Projects. Journal of Engineering Education, 2012, 101, 679-697.	3.0	17
40	A PARAMETERIZATION PROCESS: FROM A FUNCTORIAL POINT OF VIEW. International Journal of Foundations of Computer Science, 2012, 23, 225-242.	1.1	1
41	Effective homology of bicomplexes, formalized in Coq. Theoretical Computer Science, 2011, 412, 962-970.	0.9	12
42	Diagrammatic logic applied to a parameterisation process. Mathematical Structures in Computer Science, 2010, 20, 639-654.	0.6	7
43	Database design learning: A project-based approach organized through a course management system. Computers and Education, 2010, 55, 1312-1320.	8.3	44
44	A case-study in algebraic manipulation using mechanized reasoning tools. International Journal of Computer Mathematics, 2010, 87, 1936-1949.	1.8	1
45	Computing in Coq with Infinite Algebraic Data Structures. Lecture Notes in Computer Science, 2010, , 204-218.	1.3	2
46	Modelling Differential Structures in Proof Assistants: The Graded Case. Lecture Notes in Computer Science, 2009, , 203-210.	1.3	1
47	Formalizing in Coq Hidden Algebras to Specify Symbolic Computation Systems. Lecture Notes in Computer Science, 2008, , 270-284.	1.3	4
48	Object oriented institutions to specify symbolic computation systems. RAIRO - Theoretical Informatics and Applications, 2007, 41, 191-214.	0.5	11
49	Modeling inheritance as coercion in a symbolic computation system. , 2001, , .		3