Carlos Francisco Moreno-GarcÃ-a

List of Publications by Year
in descending order

45 papers	456 citations	1040056 9 h-index	839539 18 g-index
51 all docs	51 docs citations	51 times ranked	210 citing authors

#	Article	IF	Citations
1	New trends on digitisation of complex engineering drawings. Neural Computing and Applications, 2019, 31, 1695-1712.	5.6	57
2	Effectiveness of social marketing strategies to reduce youth obesity in European school-based interventions: a systematic review and meta-analysis. Nutrition Reviews, 2016, 74, 337-351.	5.8	49
3	CDSMOTE: class decomposition and synthetic minority class oversampling technique for imbalanced-data classification. Neural Computing and Applications, 2021, 33, 2839-2851.	5.6	45
4	Using artificial intelligence methods for systematic review in health sciences: A systematic review. Research Synthesis Methods, 2022, 13, 353-362.	8.7	42
5	Heuristics-Based Detection to Improve Text/Graphics Segmentation in Complex Engineering Drawings. Communications in Computer and Information Science, 2017, , 87-98.	0.5	20
6	Reducing human effort in engineering drawing validation. Computers in Industry, 2020, 117, 103198.	9.9	19
7	A Graph Repository for Learning Error-Tolerant Graph Matching. Lecture Notes in Computer Science, 2016, , 519-529.	1.3	19
8	Computer vision and machine learning for medical image analysis: recent advances, challenges, and way forward. , 0, , .		17
9	Symbols Classification in Engineering Drawings. , 2018, , .		16
10	Weighted Ensemble of Deep Learning Models based on Comprehensive Learning Particle Swarm Optimization for Medical Image Segmentation. , 2021, , .		11
11	Online learning the consensus of multiple correspondences between sets. Knowledge-Based Systems, 2015, 90, 49-57.	7.1	9
12	Consensus of multiple correspondences between sets of elements. Computer Vision and Image Understanding, 2016, 142, 50-64.	4.7	9
13	Object Detection, Distributed Cloud Computing and Parallelization Techniques for Autonomous Driving Systems. Applied Sciences (Switzerland), 2021, 11, 2925.	2.5	9
14	Cultural factors related to childhood and adolescent obesity in Mexico: A systematic review of qualitative studies. Obesity Reviews, 2022, 23, e13461.	6.5	9
15	Correspondence consensus of two sets of correspondences through optimisation functions. Pattern Analysis and Applications, 2017, 20, 201-213.	4.6	8
16	Deep Learning for Text Detection and Recognition in Complex Engineering Diagrams. , 2020, , .		8
17	OUP accepted manuscript. Nutrition Reviews, 2021, , .	5.8	8
18	Symbols in Engineering Drawings (SiED): An Imbalanced Dataset Benchmarked by Convolutional Neural Networks. Proceedings of the International Neural Networks Society, 2020, , 215-224.	0.6	7

#	Article	IF	Citations
19	Obtaining the consensus of multiple correspondences between graphs through online learning. Pattern Recognition Letters, 2017, 87, 79-86.	4.2	6
20	Digitisation of Assets from the Oil & Gas Industry: Challenges and Opportunities. , 2019, , .		6
21	An Edit Distance Between Graph Correspondences. Lecture Notes in Computer Science, 2017, , 232-241.	1.3	6
22	Improving the Correspondence Establishment Based on Interactive Homography Estimation. Lecture Notes in Computer Science, 2013, , 457-465.	1.3	6
23	Interventions to Prevent Obesity in Mexican Children and Adolescents: Systematic Review. Prevention Science, 2021, , 1.	2.6	6
24	Semi-automatic pose estimation of a fleet of robots with embedded stereoscopic cameras. , 2016, , .		4
25	Generalised Median of a Set of Correspondences Based on the Hamming Distance. Lecture Notes in Computer Science, 2016, , 507-518.	1.3	4
26	Obesity and oral health in Mexican children and adolescents: systematic review and meta-analysis. Nutrition Reviews, 2022, 80, 1694-1710.	5.8	4
27	Image Pre-processing and Segmentation for Real-Time Subsea Corrosion Inspection. Proceedings of the International Neural Networks Society, 2021, , 220-231.	0.6	4
28	An IoT based industry 4.0 architecture for integration of design and manufacturing systems. Materials Today: Proceedings, 2021, 46, 7135-7142.	1.8	4
29	Consensus of Two Graph Correspondences Through a Generalisation of the Bipartite Graph Matching. Lecture Notes in Computer Science, 2015, , 87-97.	1.3	4
30	Unsupervised Machine Learning Application to Perform a Systematic Review and Meta-Analysis in Medical Research. Computacion Y Sistemas, 2016, 20, .	0.3	3
31	A Comparison of Feature Extractors for Panorama Stitching in an Autonomous Car Architecture. , 2019, , .		3
32	Correspondence edit distance to obtain a set of weighted means of graph correspondences. Pattern Recognition Letters, 2020, 134, 29-36.	4.2	3
33	On the Influence of Node Centralities on Graph Edit Distance for Graph Classification. Lecture Notes in Computer Science, 2015, , 231-241.	1.3	2
34	Graph Edit Distance or Graph Edit Pseudo-Distance?. Lecture Notes in Computer Science, 2016, , 530-540.	1.3	2
35	A pipeline framework for robot maze navigation using computer vision, path planning and communication protocols. , 2020, , .		2
36	Implementation of NAO Robot Maze Navigation Based on Computer Vision and Collaborative Learning. Frontiers in Robotics and AI, 2022, 9, 834021.	3.2	2

#	ARTICLE	IF	CITATIONS
37	Generalised median of graph correspondences. Pattern Recognition Letters, 2019, 125, 389-395.	4.2	1
38	Face Detection with YOLO on Edge. Proceedings of the International Neural Networks Society, 2021, , 284-292.	0.6	1
39	A Deep Learning Digitisation Framework to Mark up Corrosion Circuits in Piping and Instrumentation Diagrams. Lecture Notes in Computer Science, 2021, , 268-276.	1.3	1
40	Fast and Efficient Palmprint Identification of a Small Sample within a Full Image. Computacion Y Sistemas, 2015, 18, .	0.3	1
41	An Interactive Model for Structural Pattern Recognition based on the Bayes Classifier. , 2015, , .		1
42	Modelling the Generalised Median Correspondence Through an Edit Distance. Lecture Notes in Computer Science, 2018, , 271-281.	1.3	1
43	Ground Truth Correspondence Between Nodes to Learn Graph-Matching Edit-Costs. Lecture Notes in Computer Science, 2015, , 113-124.	1.3	0
44	Pixel-based layer segmentation of complex engineering drawings using convolutional neural networks. , 2020, , .		0
45	Class-Decomposition and Augmentation for Imbalanced Data Sentiment Analysis. , 2021, , .		0