

# David Masip Rod  <sup>3</sup>

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

686  
citations

623734

14  
h-index

580821

25  
g-index

39  
all docs

39  
docs citations

39  
times ranked

793  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Deep Multimodal Learning Approach to Perceive Basic Needs of Humans From Instagram Profile. IEEE Transactions on Affective Computing, 2023, 14, 944-956.	8.3	3
2	Multitask, Multilabel, and Multidomain Learning With Convolutional Networks for Emotion Recognition. IEEE Transactions on Cybernetics, 2022, 52, 4764-4771.	9.5	15
3	On the Use of Uncertainty in Classifying <i>Aedes Albopictus</i> Mosquitoes. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 224-233.	10.8	2
4	Deep Learning of Retinal Imaging: A Useful Tool for Coronary Artery Calcium Score Prediction in Diabetic Patients. Applied Sciences (Switzerland), 2022, 12, 1401.	2.5	7
5	Computational Methods for Neuron Segmentation in Two-Photon Calcium Imaging Data: A Survey. Applied Sciences (Switzerland), 2022, 12, 6876.	2.5	2
6	A Deep Convolutional Neural Network for Classification of <i>Aedes Albopictus</i> Mosquitoes. IEEE Access, 2021, 9, 72681-72690.	4.2	13
7	A Novel Method for Reconstructing CT Images in GATE/GEANT4 with Application in Medical Imaging: A Complexity Analysis Approach. Journal of Information Processing, 2020, 28, 161-168.	0.4	4
8	Limbs Detection and Tracking of Head-Fixed Mice for Behavioral Phenotyping Using Motion Tubes and Deep Learning. IEEE Access, 2020, 8, 37891-37901.	4.2	3
9	Computer Methods for Automatic Locomotion and Gesture Tracking in Mice and Small Animals for Neuroscience Applications: A Survey. Sensors, 2019, 19, 3274.	3.8	14
10	Automated gesture tracking in head-fixed mice. Journal of Neuroscience Methods, 2018, 300, 184-195.	2.5	17
11	Supervised Committee of Convolutional Neural Networks in Automated Facial Expression Analysis. IEEE Transactions on Affective Computing, 2018, 9, 343-350.	8.3	72
12	Winner takes all hashing for speeding up the training of neural networks in large class problems. Pattern Recognition Letters, 2017, 93, 38-47.	4.2	3
13	Learnheuristics: hybridizing metaheuristics with machine learning for optimization with dynamic inputs. Open Mathematics, 2017, 15, 261-280.	1.0	114
14	Interpreting CNN Models for Apparent Personality Trait Regression. , 2017, , .		37
15	Combining statistical learning with metaheuristics for the Multi-Depot Vehicle Routing Problem with market segmentation. Computers and Industrial Engineering, 2016, 94, 93-104.	6.3	56
16	Emotion recognition from mid-level features. Pattern Recognition Letters, 2015, 67, 66-74.	4.2	12
17	Automated Prediction of Preferences Using Facial Expressions. PLoS ONE, 2014, 9, e87434.	2.5	10
18	Projectes dels estudiants per a potenciar l'aprenentatge mòbil en l'ensenyament superior. RUSC Universities and Knowledge Society Journal, 2014, 11, 192.	1.4	3

#	ARTICLE	IF	CITATIONS
19	Opinion Mining on Educational Resources at the Open University of Catalonia. , 2013, , .		4
20	Emotion Detection Using Hybrid Structural and Appearance Descriptors. Lecture Notes in Computer Science, 2013, , 105-116.	1.3	0
21	The Role of Facial Regions in Evaluating Social Dimensions. Lecture Notes in Computer Science, 2012, , 210-219.	1.3	2
22	Automatic Prediction of Facial Trait Judgments: Appearance vs. Structural Models. PLoS ONE, 2011, 6, e23323.	2.5	33
23	Online error correcting output codes. Pattern Recognition Letters, 2011, 32, 458-467.	4.2	14
24	Predicting dominance judgements automatically: A machine learning approach. , 2011, , .		2
25	On the use of Monte Carlo simulation, cache and splitting techniques to improve the Clarke and Wright savings heuristics. Journal of the Operational Research Society, 2011, 62, 1085-1097.	3.4	95
26	Automatic Detection of Facial Feature Points via HOGs and Geometric Prior Models. Lecture Notes in Computer Science, 2011, , 371-378.	1.3	2
27	Automatic point-based facial trait judgments evaluation. , 2010, , .		4
28	Adding Classes Online in Error Correcting Output Codes Framework. , 2010, , .		1
29	Geometry-Based Ensembles: Toward a Structural Characterization of the Classification Boundary. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 1140-1146.	13.9	27
30	Boosted Online Learning for Face Recognition. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 530-538.	5.0	21
31	A sparse Bayesian approach for joint feature selection and classifier learning. Pattern Analysis and Applications, 2008, 11, 299-308.	4.6	9
32	On the use of independent tasks for face recognition. , 2008, , .		2
33	Shared Feature Extraction for Nearest Neighbor Face Recognition. IEEE Transactions on Neural Networks, 2008, 19, 586-595.	4.2	20
34	Preferred Spatial Frequencies for Human Face Processing Are Associated with Optimal Class Discrimination in the Machine. PLoS ONE, 2008, 3, e2590.	2.5	19
35	Boosted discriminant projections for nearest neighbor classification. Pattern Recognition, 2006, 39, 164-170.	8.1	19
36	Feature Extraction Methods for Real-Time Face Detection and Classification. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1.	1.7	6

#	ARTICLE	IF	CITATIONS
37	Feature extraction for nearest neighbor classification: Application to gender recognition. International Journal of Intelligent Systems, 2005, 20, 561-576.	5.7	1
38	An ensemble-based method for linear feature extraction for two-class problems. Pattern Analysis and Applications, 2005, 8, 227-237.	4.6	16
39	An Experimental Comparison of Dimensionality Reduction for Face Verification Methods. Lecture Notes in Computer Science, 2003, , 530-537.	1.3	2