

Antonio Pertusa

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

692
citations

758635

12
h-index

676716

22
g-index

27
all docs

27
docs citations

27
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	PadChest: A large chest x-ray image dataset with multi-label annotated reports. <i>Medical Image Analysis</i> , 2020, 66, 101797.	7.0	284
2	Automatic Ship Classification from Optical Aerial Images with Convolutional Neural Networks. <i>Remote Sensing</i> , 2018, 10, 511.	1.8	103
3	Two-Stage Convolutional Neural Network for Ship and Spill Detection Using SLAR Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 5217-5230.	2.7	57
4	Detection of bodies in maritime rescue operations using unmanned aerial vehicles with multispectral cameras. <i>Journal of Field Robotics</i> , 2019, 36, 782-796.	3.2	28
5	Segmentation of Oil Spills on Side-Looking Airborne Radar Imagery with Autoencoders. <i>Sensors</i> , 2018, 18, 797.	2.1	27
6	Multiple fundamental frequency estimation using Gaussian smoothness. <i>Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing</i> , 2008, , .	1.8	25
7	Semantic Segmentation of SLAR Imagery with Convolutional LSTM Selectional AutoEncoders. <i>Remote Sensing</i> , 2019, 11, 1402.	1.8	18
8	Improving Convolutional Neural Networksâ€™ Accuracy in Noisy Environments Using k-Nearest Neighbors. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2086.	1.3	17
9	Staff-line detection and removal using a convolutional neural network. <i>Machine Vision and Applications</i> , 2017, 28, 665-674.	1.7	16
10	Performance-Based Interpreter Identification in Saxophone Audio Recordings. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2007, 17, 356-364.	5.6	15
11	Learning Eligibility in Cancer Clinical Trials Using Deep Neural Networks. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1206.	1.3	15
12	Data representations for audio-to-score monophonic music transcription. <i>Expert Systems With Applications</i> , 2020, 162, 113769.	4.4	14
13	Modelling Expressive Performance: A Regression Tree Approach Based on Strongly Typed Genetic Programming. <i>Lecture Notes in Computer Science</i> , 2006, , 676-687.	1.0	13
14	MirBot: A collaborative object recognition system for smartphones using convolutional neural networks. <i>Neurocomputing</i> , 2018, 293, 87-99.	3.5	11
15	Efficient methods for joint estimation of multiple fundamental frequencies in music signals. <i>Eurasip Journal on Advances in Signal Processing</i> , 2012, 2012, .	1.0	10
16	Recognition of Handwritten Music Symbols with Convolutional Neural Codes. , 2017, , .		9
17	Precise Ship Location With CNN Filter Selection From Optical Aerial Images. <i>IEEE Access</i> , 2019, 7, 96567-96582.	2.6	7
18	Polyphonic monotimbral music transcription using dynamic networks. <i>Pattern Recognition Letters</i> , 2005, 26, 1809-1818.	2.6	4

#	ARTICLE	IF	CITATIONS
19	Multi-label Logo Classification Using Convolutional Neural Networks. Lecture Notes in Computer Science, 2019, , 485-497.	1.0	4
20	A multimodal music transcription prototype. , 2011, , .		3
21	Oil Slicks Detection in SLAR Images with Autoencoders. Proceedings (mdpi), 2017, 1, 820.	0.2	2
22	Multimodal Object Recognition Using Deep Learning Representations Extracted from Images and Smartphone Sensors. Lecture Notes in Computer Science, 2019, , 521-529.	1.0	2
23	MirBot: A Multimodal Interactive Image Retrieval System. Lecture Notes in Computer Science, 2013, , 197-204.	1.0	2
24	Neural Audio-To-Score Music Transcription For Unconstrained Polyphony Using Compact Output Representations. , 2022, , .		2
25	An Evaluation of Symbolic Feature Sets and Their Combination for Music Genre Classification. , 2013, , .		0