

Antonio Pertusa

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

692
citations

759233

12
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677142

22
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all docs

27
docs citations

27
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural Audio-To-Score Music Transcription For Unconstrained Polyphony Using Compact Output Representations. , 2022, , .		2
2	PadChest: A large chest x-ray image dataset with multi-label annotated reports. Medical Image Analysis, 2020, 66, 101797.	11.6	284
3	Data representations for audio-to-score monophonic music transcription. Expert Systems With Applications, 2020, 162, 113769.	7.6	14
4	Precise Ship Location With CNN Filter Selection From Optical Aerial Images. IEEE Access, 2019, 7, 96567-96582.	4.2	7
5	Semantic Segmentation of SLAR Imagery with Convolutional LSTM Selectional AutoEncoders. Remote Sensing, 2019, 11, 1402.	4.0	18
6	Multimodal Object Recognition Using Deep Learning Representations Extracted from Images and Smartphone Sensors. Lecture Notes in Computer Science, 2019, , 521-529.	1.3	2
7	Detection of bodies in maritime rescue operations using unmanned aerial vehicles with multispectral cameras. Journal of Field Robotics, 2019, 36, 782-796.	6.0	28
8	Multi-label Logo Classification Using Convolutional Neural Networks. Lecture Notes in Computer Science, 2019, , 485-497.	1.3	4
9	MirBot: A collaborative object recognition system for smartphones using convolutional neural networks. Neurocomputing, 2018, 293, 87-99.	5.9	11
10	Two-Stage Convolutional Neural Network for Ship and Spill Detection Using SLAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 5217-5230.	6.3	57
11	Improving Convolutional Neural Networksâ€™ Accuracy in Noisy Environments Using k-Nearest Neighbors. Applied Sciences (Switzerland), 2018, 8, 2086.	2.5	17
12	Automatic Ship Classification from Optical Aerial Images with Convolutional Neural Networks. Remote Sensing, 2018, 10, 511.	4.0	103
13	Segmentation of Oil Spills on Side-Looking Airborne Radar Imagery with Autoencoders. Sensors, 2018, 18, 797.	3.8	27
14	Learning Eligibility in Cancer Clinical Trials Using Deep Neural Networks. Applied Sciences (Switzerland), 2018, 8, 1206.	2.5	15
15	Staff-line detection and removal using a convolutional neural network. Machine Vision and Applications, 2017, 28, 665-674.	2.7	16
16	Recognition of Handwritten Music Symbols with Convolutional Neural Codes. , 2017, , .		9
17	Oil Slicks Detection in SLAR Images with Autoencoders. Proceedings (mdpi), 2017, 1, 820.	0.2	2
18	An Evaluation of Symbolic Feature Sets and Their Combination for Music Genre Classification. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	MirBot: A Multimodal Interactive Image Retrieval System. Lecture Notes in Computer Science, 2013, , 197-204.	1.3	2
20	Efficient methods for joint estimation of multiple fundamental frequencies in music signals. Eurasip Journal on Advances in Signal Processing, 2012, 2012, .	1.7	10
21	A multimodal music transcription prototype. , 2011, , .		3
22	Multiple fundamental frequency estimation using Gaussian smoothness. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	25
23	Performance-Based Interpreter Identification in Saxophone Audio Recordings. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 356-364.	8.3	15
24	Modelling Expressive Performance: A Regression Tree Approach Based on Strongly Typed Genetic Programming. Lecture Notes in Computer Science, 2006, , 676-687.	1.3	13
25	Polyphonic monotimbral music transcription using dynamic networks. Pattern Recognition Letters, 2005, 26, 1809-1818.	4.2	4