

Alberto Signoroni

List of Publications by Year in descending order

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47
papers

1,057
citations

516561

16
h-index

454834

30
g-index

49
all docs

49
docs citations

49
times ranked

1268
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Influence of Shot Scale on Film Mood and Narrative Engagement in Film Viewers. IEEE Transactions on Affective Computing, 2022, 13, 592-603.	5.7	15
2	Attitude towards Telemonitoring in Orthodontists and Orthodontic Patients. Dentistry Journal, 2021, 9, 47.	0.9	25
3	CineScale: A dataset of cinematic shot scale in movies. Data in Brief, 2021, 36, 107002.	0.5	9
4	BS-Net: Learning COVID-19 pneumonia severity on a large chest X-ray dataset. Medical Image Analysis, 2021, 71, 102046.	7.0	87
5	Effects of remote digital monitoring on oral hygiene of orthodontic patients: a prospective study. BMC Oral Health, 2021, 21, 435.	0.8	24
6	Cross-domain assessment of deep learning-based alignment solutions for real-time 3D reconstruction. Computers and Graphics, 2021, 99, 54-69.	1.4	5
7	Automatic classification of mice vocalizations using Machine Learning techniques and Convolutional Neural Networks. PLoS ONE, 2021, 16, e0244636.	1.1	16
8	DenseMatch: a dataset for real-time 3D reconstruction. Data in Brief, 2021, 39, 107476.	0.5	5
9	Development of a cadaveric head and neck cancer model and three-dimensional analysis of margins in surgical navigation-aided ablations. European Journal of Surgical Oncology, 2021, , .	0.5	0
10	Spatialâ€“Spectral Evidence of Glare Influence on Hyperspectral Acquisitions. Sensors, 2020, 20, 4374.	2.1	7
11	CEREBRUM: a fast and fully-volumetric Convolutional Encoder-decodeR for weakly-supervised sEgmentation of BRain strUctures from out-of-the-scanner MRI. Medical Image Analysis, 2020, 62, 101688.	7.0	30
12	Transfer learning of deep neural network representations for fMRI decoding. Journal of Neuroscience Methods, 2019, 328, 108319.	1.3	14
13	Deep Learning Meets Hyperspectral Image Analysis: A Multidisciplinary Review. Journal of Imaging, 2019, 5, 52.	1.7	190
14	Who is the Film's Director? Authorship Recognition Based on Shot Features. IEEE MultiMedia, 2019, 26, 43-54.	1.5	8
15	3D scanning and geometry processing techniques for customised hand orthotics: an experimental assessment. Virtual and Physical Prototyping, 2018, 13, 105-116.	5.3	32
16	Automatic hemolysis identification on aligned dual-lighting images of cultured blood agar plates. Computer Methods and Programs in Biomedicine, 2018, 156, 13-24.	2.6	21
17	Advancing mesh completion for digital modeling and manufacturing. Computer Aided Geometric Design, 2018, 62, 73-90.	0.5	10
18	Mesh Denoising with (Geo)Metric Fidelity. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2380-2396.	2.9	20

#	ARTICLE	IF	CITATIONS
19	Shot Scale Analysis in Movies by Convolutional Neural Networks. , 2018, , .		18
20	Combining the use of CNN classification and strength-driven compression for the robust identification of bacterial species on hyperspectral culture plate images. IET Computer Vision, 2018, 12, 941-949.	1.3	13
21	\$\$eta \$\$-Hemolysis Detection on Cultured Blood Agar Plates by Convolutional Neural Networks. Lecture Notes in Computer Science, 2018, , 30-38.	1.0	2
22	A free Web API for single and multi-document summarization. , 2017, , .		0
23	Hyperspectral image analysis for rapid and accurate discrimination of bacterial infections: A benchmark study. Computers in Biology and Medicine, 2017, 88, 60-71.	3.9	27
24	CNN-Based Identification of Hyperspectral Bacterial Signatures for Digital Microbiology. Lecture Notes in Computer Science, 2017, , 500-510.	1.0	13
25	Bacterial colony counting with Convolutional Neural Networks in Digital Microbiology Imaging. Pattern Recognition, 2017, 61, 629-640.	5.1	116
26	Concept and Design of a 3D Printed Support to Assist Hand Scanning for the Realization of Customized Orthosis. Applied Bionics and Biomechanics, 2017, 2017, 1-8.	0.5	25
27	A Critical Analysis of a Hand Orthosis Reverse Engineering and 3D Printing Process. Applied Bionics and Biomechanics, 2016, 2016, 1-7.	0.5	94
28	Bacterial colony counting by Convolutional Neural Networks. , 2015, 2015, 7458-61.		21
29	Hyperspectral image acquisition and analysis of cultured bacteria for the discrimination of urinary tract infections. , 2015, 2015, 759-62.		9
30	On the application of optical forward-scattering to bacterial identification in an automated clinical analysis perspective. Biosensors and Bioelectronics, 2015, 68, 536-543.	5.3	18
31	Poisson-driven seamless completion of triangular meshes. Computer Aided Geometric Design, 2015, 35-36, 42-55.	0.5	22
32	Multistage classification for bacterial colonies recognition on solid agar images. , 2014, , .		14
33	Global registration of large collections of range images with an improved Optimization-on-a-Manifold approach. Image and Vision Computing, 2014, 32, 437-451.	2.7	4
34	Deformable registration using patch-wise shape matching. Graphical Models, 2014, 76, 554-565.	1.1	19
35	An Integer Linear Programming Model for View Selection on Overlapping Camera Clusters. , 2014, , .		8
36	On-the-fly automatic alignment and global registration of free-path collected 3D scans. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
37	A comparison of state-of-the-art technologies for irreversible compression of large medical datasets. , 2012, , .		1
38	Multi-view alignment with database of features for an improved usage of high-end 3D scanners. Eurasip Journal on Advances in Signal Processing, 2012, 2012, .	1.0	8
39	Boosting the Computational Performance of Feature-Based Multiple 3D Scan Alignment by iat-k-means Clustering. , 2012, , .		0
40	3D-PMDC: A parallelized morphological wavelet codec for 3D medical datasets and teleradiology applications. , 2011, , .		3
41	A robust pipeline for rapid feature-based pre-alignment of dense range scans. , 2011, , .		5
42	An Enhanced 'Optimization-on-a-Manifold' Framework for Global Registration of 3D Range Data. , 2011, , .		9
43	A study on quality level reproducibility for the usability of irreversible compression in radiological imaging. , 2011, , .		2
44	Introduction of the TCSVT Associate Editors. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 167-171.	5.6	0
45	Enabling solutions for an efficient compression of PET-CT datasets. , 2009, , .		3
46	State-of-the-Art and Trends in Scalable Video Compression With Wavelet-Based Approaches. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 1238-1255.	5.6	76
47	Cyclostationary error analysis and filter properties in a 3D wavelet coding framework. Signal Processing: Image Communication, 2006, 21, 653-675.	1.8	4