Eros Comunello

List of Publications by Year
in descending order

47 papers	630 citations	758635 12 h-index	610482 24 g-index
49 all docs	49 docs citations	49 times ranked	922 citing authors

#	Article	IF	Citations
1	Nerolidol, an Antiulcer Constituent from the Essential Oil of Baccharis dracunculifolia DC (Asteraceae). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2007, 62, 537-542.	0.6	106
2	Portable lensless wide-field microscopy imaging platform based on digital inline holography and multi-frame pixel super-resolution. Light: Science and Applications, 2015, 4, e346-e346.	7.7	96
3	The Use of Euclidean Geometric Distance on RGB Color Space for the Classification of Sky and Cloud Patterns. Journal of Atmospheric and Oceanic Technology, 2010, 27, 1504-1517.	0.5	73
4	Evaluation of the antiulcerogenic activity of Maytenus robusta (Celastraceae) in different experimental ulcer models. Journal of Ethnopharmacology, 2007, 113, 252-257.	2.0	60
5	Antiulcerogenic Activity of Crude Extract, Fractions and Populnoic Acid Isolated from Austroplenckia populnea (Celastraceae). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2006, 61, 329-333.	0.6	37
6	Classification of Images Acquired with Colposcopy Using Artificial Neural Networks. Cancer Informatics, 2014, 13, CIN.S17948.	0.9	35
7	Antiulcerogenic activity of fractions and 3,15-Dioxo-21α-hydroxy friedelane isolated from Maytenus robusta (Celastraceae). Archives of Pharmacal Research, 2008, 31, 41-46.	2.7	34
8	Fundus Image Mosaicking for Information Augmentation in Computer-Assisted Slit-Lamp Imaging. IEEE Transactions on Medical Imaging, 2014, 33, 1304-1312.	5.4	21
9	Enrichment of Interactive Digital TV using Second Screen. International Journal of Computer Applications, 2013, 64, 58-64.	0.2	16
10	Diffusion tensor fiber tracking on graphics processing units. Computerized Medical Imaging and Graphics, 2008, 32, 521-530.	3.5	14
11	Performing Real-Time Interactive Fiber Tracking. Journal of Digital Imaging, 2011, 24, 339-351.	1.6	14
12	Learning a nonlinear distance metric for supervised region-merging image segmentation. Computer Vision and Image Understanding, 2011, 115, 127-139.	3.0	13
13	A computational method for the semi-automated quantitative analysis of tympanic membrane perforations and tympanosclerosis. Computers in Biology and Medicine, 2009, 39, 889-895.	3.9	12
14	Recording and Reenactment of Collaborative Diagnosis Sessions using DICOM. Journal of Digital Imaging, 2009, 22, 605-619.	1.6	10
15	Learning a color distance metric for region-based image segmentation. Pattern Recognition Letters, 2009, 30, 1496-1506.	2.6	10
16	Passive Vision Region-Based Road Detection. ACM Computing Surveys, 2020, 52, 1-34.	16.1	10
17	Using Acceleration Data from Smartphones to Interact with 3D Medical Data. , 2010, , .		9
18	Direct visual tracking under extreme illumination variations using the sum of conditional variance. , 2014, , .		7

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19	Use of Data Mining to Predict the Risk Factors Associated With Osteoporosis and Osteopenia in Women. CIN - Computers Informatics Nursing, 2016, 34, 369-375.	0.3	7
20	Analyzing DICOM and non-DICOM Features in Content-Based Medical Image Retrieval: A Multi-Layer Approach. , 2006, , .		4
21	Computational Techniques for Accompaniment and Measuring of Otology Pathologies. , 2007, , .		4
22	Twin-image suppression in digital in-line holography based on wave-front filtering. Pattern Analysis and Applications, 2021, 24, 907-914.	3.1	4
23	An Anisotropic Diffusion Filtering Implementation to Execute in Parallel Distributed Systems. , 2008, , .		3
24	An interoperability approach based on asynchronous replication among distributed internet databases. , 2008, , .		3
25	Identity management in e-Health: A case study of web of things application using OpenID connect. , 2014, , .		3
26	Supporting Knowledge Management in University Software R&D Groups. Lecture Notes in Computer Science, 2001, , 52-66.	1.0	2
27	Armazenamento distribuÃdo de imagens mÃ©dicas DICOM no formato de dados HDF5. , 2008, , .		2
28	An analysis of replication and retrieval of medical image data using a database management system and a distributed file system. , 2013, , .		2
29	Hybrid Color Segmentation Method Using a Customized Nonlinear Similarity Function. International Journal of Image and Graphics, 2014, 14, 1450005.	1.2	2
30	Robust Visual Tracking for Retinal Mapping in Computer-Assisted Slit-Lamp Imaging. , 2014, , .		2
31	Portable Digital in-Line Holography Platform for Sperm Cell Visualization and Quantification. , 2014, , .		2
32	Improving Graph-Based Image Segmentation Using Nonlinear Color Similarity Metrics. International Journal of Image and Graphics, 2015, 15, 1550018.	1.2	2
33	A Web-Based Tool for Semi-Automated Segmentation of Histopathological Images Using Nonlinear Color Classifiers. , 2016, , .		2
34	A Fast Gabor Filter Approach for Multi-Channel Texture Feature Discrimination. Lecture Notes in Computer Science, 2014, , 135-142.	1.0	2
35	CyclopsStrokeQuantifier - ischaemic stroke detection system using dynamic CT. , 0, , .		1
36	Learning a nonlinear color distance metric for the identification of skin immunohistochemical staining. , 2009, , .		1

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37	RAP3DF - One shoot 3D face dataset. Data in Brief, 2020, 32, 106281.	0.5	1
38	A Fast Pavement Location Approach for Autonomous Car Navigation. Lecture Notes in Computer Science, 2014, , 844-851.	1.0	1
39	Assessment of Bayesian Estimators for Osteoporosis Analysis. International Archive of Medicine, 0, , .	1.2	1
40	Meta-Analysis of the Sensitivity of Decision Support Systems in Diagnosing Diabetic Retinopathy. Studies in Health Technology and Informatics, 2019, 264, 878-882.	0.2	1
41	Improving Performance and Quality in Content-Based Medical Image Retrieval. Proceedings of the IEEE Symposium on Computer-Based Medical Systems, 2007, , .	0.0	0
42	Real-Time Fine-Tuned Adjustment of Fiber Tracking Parameters. , 2014, , .		0
43	A Workflow Component for Knowledge Management in the Field of Radiological Examinations. Informatik Aktuell, 2000, , 439-443.	0.4	0
44	Reconhecimento e quantificação de expressão de imunoistoquímica empregando aprendizado de métricas de distância. Revista Brasileira De Engenharia Biomedica, 2010, 26, 33-47.	0.3	0
45	Live retinal image mosaicking during fundus examination with a computer-assisted slit-lamp prototype. Acta Ophthalmologica, 2013, 91, 0-0.	0.6	0
46	Color Skin Segmentation Based on Non-linear Distance Metrics. Lecture Notes in Computer Science, 2014, , 143-150.	1.0	0
47	Local Binary Pattern Matching for Fast Retina Map Relocalization Using the Slit-Lamp. Lecture Notes in Computer Science, 2014, , 478-485.	1.0	0