

Delia-Alexandrina Mitrea

List of Publications by Year in descending order

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31
papers

207
citations

1478505

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1281871

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31
all docs

31
docs citations

31
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	HCC Recognition Within B-Mode and CEUS Images Using Traditional and Deep Learning Techniques. IFMBE Proceedings, 2022, , 113-120.	0.3	0
2	Hepatocellular Carcinoma Automatic Diagnosis within CEUS and B-Mode Ultrasound Images Using Advanced Machine Learning Methods. Sensors, 2021, 21, 2202.	3.8	14
3	Integration of Real-Time Image Fusion in the Robotic-Assisted Treatment of Hepatocellular Carcinoma. Biology, 2020, 9, 397.	2.8	5
4	Concept Mapping, an Effective Tool for Long-Term Memorization of Anatomy – A Quasi-Experimental Research Carried out among 1st Year General Medicine Students. European Journal of Investigation in Health, Psychology and Education, 2020, 10, 530-543.	1.9	4
5	Comparison of Deep-Learning and Conventional Machine-Learning Methods for the Automatic Recognition of the Hepatocellular Carcinoma Areas from Ultrasound Images. Sensors, 2020, 20, 3085.	3.8	56
6	HCC Recognition Within Ultrasound Images Employing Advanced Textural Features with Deep Learning Techniques. , 2019, , .		2
7	Hepatocellular Carcinoma Segmentation within Ultrasound Images using Convolutional Neural Networks. , 2019, , .		5
8	Hepatocellular Carcinoma Recognition in Ultrasound Images Using Textural Descriptors and Classical Machine Learning. , 2019, , .		7
9	Periodontal evaluation using a non-invasive imaging method (ultrasonography). Medicine and Pharmacy Reports, 2019, 92, S20-S32.	0.4	10
10	MES Specific Data Analysis. Case Study with the Baxter Robot. , 2018, , .		0
11	Manufacturing Execution System Specific Data Analysis-Use Case With a Cobot. IEEE Access, 2018, 6, 50245-50259.	4.2	8
12	Automatic Recognition of the Hepatocellular Carcinoma from Ultrasound Images using Complex Textural Microstructure Co-Occurrence Matrices (CTMCM). , 2018, , .		9
13	The role of the cooccurrence matrix based on complex extended microstructures in discovering the cirrhosis severity grades within US images. , 2017, , .		0
14	Colorectal cancer recognition from ultrasound images, using complex textural microstructure cooccurrence matrices, based on Laws' features. , 2015, , .		3
15	In vitro assessment of tooth color changes due to orthodontic treatment using knowledge discovery methods. Journal of Adhesion Science and Technology, 2015, 29, 2256-2279.	2.6	3
16	Computer-assisted identification of the gingival sulcus and periodontal epithelial junction on high-frequency ultrasound images. Medical Ultrasonography, 2015, 17, 273.	0.8	10
17	The role of the Textural Microstructure Cooccurrence Matrices in the classification of the abdominal tumors, based on ultrasound images. , 2014, , .		2
18	Discovering the cirrhosis grades from ultrasound images by using textural features and clustering methods. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
19	Abdominal Tumor Characterization and Recognition Using Superior-Order Cooccurrence Matrices, Based on Ultrasound Images. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-17.	1.3	33
20	Iterative Methods for Obtaining Energy-Minimizing Parametric Snakes with Applications to Medical Imaging. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-11.	1.3	4
21	The Role of the Multiresolution Textural Features in Improving the Characterization and Recognition of the Liver Tumors, Based on Ultrasound Images. , 2012, , .		6
22	The role of the superior order GLCM and of the generalized cooccurrence matrices in the characterization and automatic diagnosis of the hepatocellular carcinoma, based on ultrasound images. , 2011, , .		2
23	The role of the superior order GLCM in improving the automatic diagnosis of the hepatocellular carcinoma based on ultrasound images. , 2011, , .		0
24	Texture based characterization and automatic diagnosis of the abdominal tumors from ultrasound images using third order GLCM features. , 2011, , .		9
25	The Role of the Feature Extraction Methods in Improving the Textural Model of the Hepatocellular Carcinoma, Based on Ultrasound Images. Communications in Computer and Information Science, 2011, , 496-509.	0.5	0
26	Experimenting various classification techniques for improving the automatic diagnosis of the malignant liver tumors, based on ultrasound images. , 2010, , .		3
27	Modelling Cutaneous Senescence Process. Lecture Notes in Computer Science, 2010, , 215-224.	1.3	4
28	The Role That Web 2.0 Currently Has and Could Have in the Future in Supporting the Teaching of ICT Design for All. Communications in Computer and Information Science, 2010, , 397-404.	0.5	0
29	Improving the Textural Model of the Hepatocellular Carcinoma Using Dimensionality Reduction Methods. , 2009, , .		3
30	The imagistic textural model of the prostatic adenocarcinoma. , 2008, , .		1
31	Parameters Monitoring Solutions for the Quality Control of Water Used in Healthcare Units. , 2006, , .		1