

Christian Mata

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

136
citations

1478505

6
h-index

1281871

11
g-index

22
all docs

22
docs citations

22
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental analysis of real-scale burning tests of artificial fuel packs at the Wildland-Urban Interface. <i>Safety Science</i> , 2022, 146, 105568.	4.9	3
2	Usefulness of Collaborative Work in the Evaluation of Prostate Cancer from MRI. <i>Clinics and Practice</i> , 2022, 12, 350-362.	1.4	2
3	MedicalSeg: A Medical GUI Application for Image Segmentation Management. <i>Algorithms</i> , 2022, 15, 200.	2.1	5
4	Thermal effects of a sonic jet fire impingement on a pipe. <i>Journal of Loss Prevention in the Process Industries</i> , 2021, 71, 104449.	3.3	8
5	Thermal Infrared Video Stabilization for Aerial Monitoring of Active Wildfires. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 2817-2832.	4.9	11
6	Comparing Machine Learning Based Segmentation Models on Jet Fire Radiation Zones. <i>Lecture Notes in Computer Science</i> , 2021, , 161-172.	1.3	1
7	A Prostate MRI Segmentation Tool Based on Active Contour Models Using a Gradient Vector Flow. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6163.	2.5	5
8	Performance analysis of a self-protection system for vehicles in case of WUI fire entrapment. <i>Fire and Materials</i> , 2020, , .	2.0	0
9	Image Similarity Metrics Suitable for Infrared Video Stabilization during Active Wildfire Monitoring: A Comparative Analysis. <i>Remote Sensing</i> , 2020, 12, 540.	4.0	6
10	Toward the New Generation of Surgical Meshes with 4D Response: Soft, Dynamic, and Adaptable. <i>Advanced Functional Materials</i> , 2020, 30, 2004145.	14.9	22
11	Analysis of crater formation in buried NG pipelines: A survey based on past accidents and evaluation of domino effect. <i>Journal of Loss Prevention in the Process Industries</i> , 2019, 58, 124-140.	3.3	9
12	A priori validation of CFD modelling of hydrocarbon pool fires. <i>Journal of Loss Prevention in the Process Industries</i> , 2018, 56, 18-31.	3.3	24
13	GIS-based integration of spatial and remote sensing data for wildfire monitoring. , 2018, , .		0
14	An integrated approach for tactical monitoring and data-driven spread forecasting of wildfires. <i>Fire Safety Journal</i> , 2017, 91, 835-844.	3.1	23
15	On the Use of XML in Medical Imaging Web-Based Applications. <i>Irbm</i> , 2017, 38, 3-12.	5.6	3
16	ProstateAnalyzer: web-based medical application for the management of prostate cancer using multiparametric MR imaging. <i>Informatics for Health and Social Care</i> , 2015, 41, 1-21.	2.6	6
17	ESMRMB 2012, 29th Annual Scientific Meeting, Lisbon, Portugal, 4-6 October: EPOSTM Poster / Paper Poster / Clinical Review Poster / Software Exhibits. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012, 25, 339-628.	2.0	1
18	MammoApplet: An interactive Java applet tool for manual annotation in medical imaging. , 2012, , .		7

#	ARTICLE	IF	CITATIONS
19	Management of an infrared imaging system for wildfire monitoring. , 0, , 1379-1383.		0