

# LuÃ-s Rato

List of Publications by Year  
in descending order

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Version: 2024-02-01

34  
papers

286  
citations

1307594  
7  
h-index

888059  
17  
g-index

34  
all docs

34  
docs citations

34  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variable sampling adaptive control of a distributed collector solar field. IEEE Transactions on Control Systems Technology, 2003, 11, 765-772.	5.2	64
2	Cascade control of a distributed collector solar field. Journal of Process Control, 1997, 7, 111-117.	3.3	48
3	Time scaling internal state predictive control of a solar plant. Control Engineering Practice, 2003, 11, 1459-1467.	5.5	48
4	Adaptive and non-adaptive model predictive control of an irrigation channel. Networks and Heterogeneous Media, 2009, 4, 303-324.	1.1	26
5	Sentinel-2 Image Scene Classification: A Comparison between Sen2Cor and a Machine Learning Approach. Remote Sensing, 2021, 13, 300.	4.0	19
6	Identification of tissue-specific tumor biomarker using different optimization algorithms. Genes and Genomics, 2019, 41, 431-443.	1.4	10
7	An Approach to Churn Prediction for Cloud Services Recommendation and User Retention. Information (Switzerland), 2022, 13, 227.	2.9	8
8	RMID: A Novel and Efficient Image Descriptor for Mammogram Mass Classification. Advances in Intelligent Systems and Computing, 2020, , 229-240.	0.6	7
9	Multivariable and Distributed LQG Control of a Water Delivery Canal. Journal of Irrigation and Drainage Engineering - ASCE, 2013, 139, 855-863.	1.0	6
10	Multi-Platform Controller Interface for SCADA Application. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 7885-7890.	0.4	5
11	Integrated analysis of the miRNA-mRNA next-generation sequencing data for finding their associations in different cancer types. Computational Biology and Chemistry, 2020, 84, 107152.	2.3	5
12	An Online Platform For Real-Time Air Quality Monitoring. , 2019, , .		4
13	A Hybrid Application for Real-Time Air Quality Monitoring. , 2019, , .		4
14	Automatic classification of ornamental stones using Machine Learning techniques A study applied to limestone. , 2020, , .		4
15	Ethical Governance for Sustainable Development in Higher Education Institutions. Advances in Higher Education and Professional Development Book Series, 2019, , 214-237.	0.2	4
16	Distributed LQG control of a water delivery canal with feedforward from measured consumptions. , 2012, , .		3
17	In silico markers: an evolutionary and statistical approach to select informative genes of human breast cancer subtypes. Genes and Genomics, 2019, 41, 1371-1382.	1.4	3
18	University Teachers's Conceptions of the University and the Place of Sustainability. Sustainability, 2021, 13, 1955.	3.2	3

#	ARTICLE	IF	CITATIONS
19	NanoSen-AQM: From Sensors to Users. International Journal of Online and Biomedical Engineering, 2020, 16, 51.	1.4	3
20	Mahalanobis distance based accuracy prediction models for Sentinel-2 Image Scene Classification. International Journal of Remote Sensing, 2022, 43, 6001-6026.	2.9	3
21	Analysis of Pancreas Histological Images for Glucose Intolerance Identification Using Wavelet Decomposition. Advances in Intelligent Systems and Computing, 2017, , 653-661.	0.6	2
22	RotaSVM: A New Ensemble Classifier. Advances in Intelligent Systems and Computing, 2013, , 47-57.	0.6	2
23	Actuator fault tolerant LQG control of a water delivery canal. , 2013, , .		1
24	Mapping dynamic environments using Markov random field models. , 2018, , .		1
25	Classification of Breast Lesions Using Quantitative Dynamic Contrast Enhanced-MRI. Lecture Notes in Computer Science, 2019, , 108-119.	1.3	1
26	Improving Performance of Classifiers using Rotational Feature Selection Scheme. , 2013, , .		1
27	HMM-Based Dynamic Mapping with Gaussian Random Fields. Electronics (Switzerland), 2022, 11, 722.	3.1	1
28	Integrated Classifier: A Tool for Microarray Analysis. Communications in Computer and Information Science, 2017, , 30-43.	0.5	0
29	Gaussian random field-based log odds occupancy mapping. , 2018, , .		0
30	Finding the Association of mRNA and miRNA Using Next Generation Sequencing Data of Kidney Renal Cell Carcinoma. Lecture Notes in Electrical Engineering, 2018, , 524-534.	0.4	0
31	M-Traffic. , 2008, , 229-250.		0
32	A Fast Algorithm for Automatic Segmentation of Pancreas Histological Images for Glucose Intolerance Identification. Advances in Intelligent Systems and Computing, 2019, , 307-315.	0.6	0
33	Composite SVR Based Modelling of an Industrial Furnace. Communications in Computer and Information Science, 2020, , 158-170.	0.5	0
34	Abbreviating Labelling Cost for Sentinel-2 Image Scene Classification Through Active Learning. Lecture Notes in Computer Science, 2022, , 295-308.	1.3	0