

Gonzalo Safont

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

557
citations

759233

12
h-index

794594

19
g-index

57
all docs

57
docs citations

57
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Generative Adversarial Networks and Markov Random Fields for oversampling very small training sets. Expert Systems With Applications, 2021, 163, 113819.	7.6	58
2	A New Detector Based on Alpha Integration Decision Fusion. Lecture Notes in Computer Science, 2021, , 178-189.	1.3	0
3	Editorial for the Special Issue "New Advances on Sub-Pixel Processing: Unmixing and Mapping Methods". Remote Sensing, 2021, 13, 3807.	4.0	0
4	Experimental Study of Hierarchical Clustering for Unmixing of Hyperspectral Images. , 2021, , .		0
5	Fusion of Visual and Textual Features for Table Header Detection in Handwritten Text Images. , 2021, , .		1
6	Late Fusion for Improving Intrusion Detection in a Network Traffic Dataset. , 2021, , .		0
7	Estimation of the Number of Endmembers in Hyperspectral Images Using Agglomerative Clustering. Remote Sensing, 2020, 12, 3585.	4.0	19
8	Multichannel Signal Processing for Road Surface Identification. , 2020, , .		4
9	A New Application of Ultrasound Signal Processing for Archaeological Ceramic Classification. , 2020, , .		0
10	Vector score alpha integration for classifier late fusion. Pattern Recognition Letters, 2020, 136, 48-55.	4.2	23
11	Pattern recognition techniques for provenance classification of archaeological ceramics using ultrasounds. Pattern Recognition Letters, 2020, 135, 441-450.	4.2	28
12	Fraud Detection Using Sequential Patterns from Credit Card Operations. Advances in Intelligent Systems and Computing, 2020, , 287-296.	0.6	0
13	Determining the number of endmembers of hyperspectral images using clustering. , 2020, , .		1
14	A New Surrogating Algorithm by the Complex Graph Fourier Transform (CGFT). Entropy, 2019, 21, 759.	2.2	18
15	Computing the Partial Correlation of ICA Models for Non-Gaussian Graph Signal Processing. Entropy, 2019, 21, 22.	2.2	18
16	A New Graph Based Brain Connectivity Measure. Lecture Notes in Computer Science, 2019, , 450-459.	1.3	2
17	Multichannel dynamic modeling of non-Gaussian mixtures. Pattern Recognition, 2019, 93, 312-323.	8.1	24
18	Multiclass Alpha Integration of Scores from Multiple Classifiers. Neural Computation, 2019, 31, 806-825.	2.2	34

#	ARTICLE	IF	CITATIONS
19	A Multisensor System for Road Surface Identification. , 2019, , .		2
20	New Applications of Late Fusion Methods for EEG Signal Processing. , 2019, , .		1
21	A New Method for Fraud Detection in Credit Cards Based on Transaction Dynamics in Subspaces. , 2019, , .		2
22	Nonlinear estimators from ICA mixture models. Signal Processing, 2019, 155, 281-286.	3.7	11
23	Combination of Multiple Classification Results Based on K-Class Alpha Integration. Lecture Notes in Computer Science, 2019, , 426-437.	1.3	0
24	Parallelization of an Algorithm for Automatic Classification of Medical Data. Lecture Notes in Computer Science, 2019, , 3-16.	1.3	0
25	New Perspectives of Pattern Recognition for Automatic Credit Card Fraud Detection. Advances in Information Security, Privacy, and Ethics Book Series, 2019, , 268-283.	0.5	0
26	Estimating the Laplacian matrix of Gaussian mixtures for signal processing on graphs. Signal Processing, 2018, 148, 241-249.	3.7	26
27	Probabilistic Distance for Mixtures of Independent Component Analyzers. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1161-1173.	11.3	24
28	Semi-Supervised Learning For Imbalanced Classification Of Credit Card Transaction. , 2018, , .		32
29	New Perspectives of Pattern Recognition for Automatic Credit Card Fraud Detection. , 2018, , 4937-4950.		2
30	Semi-supervised Learning for Dynamic Modeling of Brain Signals During Visual and Auditory Tests. , 2018, , .		3
31	Unsupervised learning of non-Gaussian mixtures with temporal dependencies. , 2017, , .		0
32	Signal processing on graphs for improving automatic credit card fraud detection. , 2017, , .		18
33	Synchronized Multi-chain Mixture of Independent Component Analyzers. Lecture Notes in Computer Science, 2017, , 190-198.	1.3	2
34	Non-linear Least Mean Squares Prediction Based on Non-Gaussian Mixtures. Lecture Notes in Computer Science, 2017, , 181-189.	1.3	0
35	Combination of multiple detectors for credit card fraud detection. , 2016, , .		13
36	Study on the computational cost of EEG dynamic modeling methods. , 2016, , .		1

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37	On the fusion of non-independent detectors. , 2016, 50, 24-33.		36
38	Image Applications of Agglomerative Clustering Using Mixtures of Non-Gaussian Distributions. , 2015, , .		12
39	Semi-Supervised Bayesian Classification of Materials with Impact-Echo Signals. Sensors, 2015, 15, 11528-11550.	3.8	26
40	On Recovering Missing Ground Penetrating Radar Traces by Statistical Interpolation Methods. Remote Sensing, 2014, 6, 7546-7565.	4.0	28
41	Surrogate techniques for testing fraud detection algorithms in credit card operations. , 2014, , .		23
42	Estimation of consolidation profiles for archaeological ceramics using ultrasonic signature. , 2014, , .		0
43	Mixtures of independent component analyzers for microarousal detection. , 2014, , .		2
44	New Applications of Sequential ICA Mixtures Models Compared with Dynamic Bayesian Networks for EEG Signal Processing. , 2013, , .		4
45	Prospective of the application of ultrasounds in archaeology. IOP Conference Series: Materials Science and Engineering, 2012, 42, 012010.	0.6	1
46	Data fusion of ultrasound and GPR signals for analysis of historic walls. IOP Conference Series: Materials Science and Engineering, 2012, 42, 012008.	0.6	2
47	On comparing hard and soft fusion of dependent detectors. , 2012, , .		1
48	Automatic credit card fraud detection based on non-linear signal processing. , 2012, , .		23
49	Combination of multiple detectors for EEG based biometric identification/authentication. , 2012, , .		24
50	Mixtures of Independent Component Analyzers for EEG Prediction. Communications in Computer and Information Science, 2012, , 328-335.	0.5	1
51	Wiener systems for reconstruction of missing seismic traces. , 2011, , .		1
52	Nonlinear Prediction Based on Independent Component Analysis Mixture Modelling. Lecture Notes in Computer Science, 2011, , 508-515.	1.3	1
53	Intelligent system for non-destructive evaluation of historic walls using Ground-Penetrating Radar. , 2010, , .		0
54	Assessment of Historic Structures Based on GPR, Ultrasound, and Impact-Echo Data Fusion. Key Engineering Materials, 0, 569-570, 1210-1217.	0.4	0