

Konstantinos D Koutroumbas

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Novel Adaptive Possibilistic Clustering Algorithm. IEEE Transactions on Fuzzy Systems, 2016, 24, 791-810.	9.8	51
2	Sparsity-Aware Possibilistic Clustering Algorithms. IEEE Transactions on Fuzzy Systems, 2016, 24, 1611-1626.	9.8	26
3	Alternating Iteratively Reweighted Least Squares Minimization for Low-Rank Matrix Factorization. IEEE Transactions on Signal Processing, 2019, 67, 490-503.	5.3	22
4	On the Convergence of the Sparse Possibilistic C-Means Algorithm. IEEE Transactions on Fuzzy Systems, 2018, 26, 324-337.	9.8	21
5	Spectral Unmixing for Mapping a Hydrothermal Field in a Volcanic Environment Applied on ASTER, Landsat-8/OLI, and Sentinel-2 MSI Satellite Multispectral Data: The Nisyros (Greece) Case Study. Remote Sensing, 2020, 12, 4180.	4.0	11
6	Classification of Sentinel-2 Images Utilizing Abundance Representation. Proceedings (mdpi), 2018, 2, 328.	0.2	8
7	Variational Bayes Group Sparse Time-Adaptive Parameter Estimation With Either Known or Unknown Sparsity Pattern. IEEE Transactions on Signal Processing, 2016, 64, 3194-3206.	5.3	7
8	Automated Detection of Chromospheric Swirls Based on Their Morphological Characteristics. Solar Physics, 2021, 296, 1.	2.5	6
9	Spectral Unmixing-Based Clustering of High-Spatial Resolution Hyperspectral Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 3711-3721.	4.9	5
10	A Computationally Efficient Tensor Completion Algorithm. IEEE Signal Processing Letters, 2018, 25, 1266-1270.	3.6	5
11	Online Reweighted Least Squares Robust PCA. IEEE Signal Processing Letters, 2020, 27, 1340-1344.	3.6	5
12	A new stochastic gradient descent possibilistic clustering algorithm. AI Communications, 2022, 35, 47-64.	1.2	4
13	Introducing Sparsity in Possibilistic Clustering: A Unified Framework and a Line Detection Paradigm. IEEE Transactions on Fuzzy Systems, 2018, 26, 2886-2898.	9.8	3
14	Generalized Adaptive Possibilistic C-Means Clustering Algorithm. , 2018, , .		3
15	Piecewise Linear Curve Approximation Using Graph Theory and Geometrical Concepts. IEEE Transactions on Image Processing, 2012, 21, 3877-3887.	9.8	2
16	A Probabilistic Clustering Approach for Detecting Linear Structures in Two-Dimensional Spaces. Pattern Recognition and Image Analysis, 2021, 31, 671-687.	1.0	2
17	Application of Spectral Unmixing on Hyperspectral Data of the Historic Volcanic Products of Mt. Etna (Italy). Proceedings (mdpi), 2018, 2, 329.	0.2	1
18	A Novel Spectral Index for Identifying Ferronickel (Fe-Ni) Laterites from Sentinel 2 Satellite Data. Natural Resources Research, 0, , .	4.7	1