

# Panos P Markopoulos

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

702  
citations

1040056

9  
h-index

888059

17  
g-index

69  
all docs

69  
docs citations

69  
times ranked

325  
citing authors

#	ARTICLE	IF	CITATIONS
1	YOLOrs: Object Detection in Multimodal Remote Sensing Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1497-1508.	4.9	39
2	NASCon: Network-Aware Server Consolidation for server-centric wireless datacenters. Sustainable Computing: Informatics and Systems, 2021, 29, 100452.	2.2	2
3	Reduced-Rank L1-Norm Principal-Component Analysis With Performance Guarantees. IEEE Transactions on Signal Processing, 2021, 69, 240-255.	5.3	4
4	Dynamic L1-Norm Tucker Tensor Decomposition. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 587-602.	10.8	13
5	Structured autocorrelation matrix estimation for coprime arrays. Signal Processing, 2021, 183, 107987.	3.7	4
6	Minimum Mean-Squared-Error autocorrelation processing in coprime arrays. , 2021, 114, 103034.		9
7	FFT calculation of the L1-norm principal component of a data matrix. Signal Processing, 2021, 189, 108286.	3.7	0
8	Novel Algorithms for Lp-Quasi-Norm Principal-Component Analysis. , 2021, , .		0
9	YOLOrs-lite: A Lightweight CNN For Real-Time Object Detection in Remote-Sensing. , 2021, , .		5
10	Convolutional Auto-Encoder with Tensor-Train Factorization. , 2021, , .		2
11	Robust Barron-Loss Tucker Tensor Decomposition. , 2021, , .		1
12	L1-Norm Higher-Order Orthogonal Iterations for Robust Tensor Analysis. , 2020, , .		8
13	Security Vulnerabilities of Server-Centric Wireless Datacenters. , 2020, , .		3
14	Vehicle detection from multi-modal aerial imagery using YOLOv3 with mid-level fusion. , 2020, , .		11
15	What Can Ail Thee: New and Old Security Vulnerabilities of Wireless Datacenters. , 2020, , .		0
16	L1-Norm RESCAL Decomposition. , 2020, , .		0
17	Realified L1-PCA for direction-of-arrival estimation: theory and algorithms. Eurasip Journal on Advances in Signal Processing, 2019, 2019, .	1.7	6
18	Incremental L1-Norm Linear Discriminant Analysis for Indoor Human Activity Classification. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Adaptive Radar-Based Human Activity Recognition With L1-Norm Linear Discriminant Analysis. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2019, 3, 120-126.	3.4	16
20	Stochastic Principal Component Analysis Via Mean Absolute Projection Maximization. , 2019, , .		3
21	Deep L1-PCA of Time-Variant Data with Application to Brain Connectivity Measurements. , 2019, , .		1
22	Network-Aware Server Consolidation for Wireless Data Centers. , 2019, , .		0
23	Robust Multi-Relational Learning With Absolute Projection Rescal. , 2019, , .		3
24	Iteratively Re-weighted L1-PCA of Tensor Data. , 2019, , .		2
25	Combinatorial Search for the Lp-Norm Principal Component of a Matrix. , 2019, , .		1
26	L1-Norm Tucker Tensor Decomposition. IEEE Access, 2019, 7, 178454-178465.	4.2	27
27	Spatial spectral segmentation of hyperspectral images for subpixel target detection. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	3
28	Options for multimodal classification based on L1-Tucker decomposition. , 2019, , .		10
29	Outlier-Resistant Data Processing with L1-Norm Principal Component Analysis. , 2018, , 121-135.		3
30	The Exact Solution to Rank-1 L1-Norm TUCKER2 Decomposition. IEEE Signal Processing Letters, 2018, 25, 511-515.	3.6	22
31	L1-Norm Principal-Component Analysis of Complex Data. IEEE Transactions on Signal Processing, 2018, 66, 3256-3267.	5.3	44
32	Semi-Blind Signal Recovery in Impulsive Noise with L1-Norm PCA. , 2018, , .		3
33	Mmse-Based Autocorrelation Sampling for Comprime Arrays. , 2018, , .		0
34	Novel Algorithms for Exact and Efficient L1-NORM-BASED Tucker2 Decomposition. , 2018, , .		12
35	L1-NORM HIGHER-ORDER SINGULAR-VALUE DECOMPOSITION. , 2018, , .		14
36	Gait Recognition Based on Tensor Analysis of Acceleration Data from Wearable Sensors. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
37	INCREMENTAL COMPLEX L1-PCA FOR DIRECTION-OF-ARRIVAL ESTIMATION. , 2018, , .		7
38	Adaptive L1-Norm Principal-Component Analysis With Online Outlier Rejection. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1131-1143.	10.8	26
39	Novel Algorithm for Incremental L1-Norm Principal-Component Analysis. , 2018, , .		7
40	Planar Carbon Nanotube Antennas and Data-Centric Secure Communication. , 2018, , .		1
41	Robust Radar-Based Human Motion Recognition with L1-Norm Linear Discriminant Analysis. , 2018, , .		4
42	A linear discriminative analysis based fall motion detector using radar. , 2018, , .		0
43	Robust decomposition of 3-way tensors based on L1-norm. , 2018, , .		4
44	Visual tracking with L1-Grassmann manifold modeling. Proceedings of SPIE, 2017, , .	0.8	2
45	Adaptive sparse-binary waveform design for all-spectrum channelization. Proceedings of SPIE, 2017, , .	0.8	0
46	L1-norm principal-component analysis in L2-norm-reduced-rank data subspaces. , 2017, , .		1
47	Indoor human motion classification by L1-norm subspaces of micro-Doppler signatures. , 2017, , .		18
48	Efficient L1-Norm Principal-Component Analysis via Bit Flipping. IEEE Transactions on Signal Processing, 2017, 65, 4252-4264.	5.3	91
49	Noncoherent Alamouti Phase-Shift Keying With Full-Rate Encoding and Polynomial-Complexity Maximum-Likelihood Decoding. IEEE Transactions on Wireless Communications, 2017, 16, 6688-6697.	9.2	2
50	Linear Discriminant Analysis with few training data. , 2017, , .		12
51	Sparse waveform design for all-spectrum channelization. , 2017, , .		3
52	The Mean-Squared-Error of autocorrelation sampling in coprime arrays. , 2017, , .		3
53	Subpixel target detection in hyperspectral images with local matched filtering in SLIC superpixels. , 2016, , .		10
54	L1-Norm Principal-Component Analysis via Bit Flipping. , 2016, , .		9

#	ARTICLE	IF	CITATIONS
55	On the L1-Norm Approximation of a Matrix by Another of Lower Rank. , 2016, , .		7
56	Subpixel target detection in hyperspectral images from superpixel background statistics. , 2016, , .		7
57	Direction-of-arrival estimation by L1-norm principal components. , 2016, , .		6
58	Reduced-rank filtering on L1-norm subspaces. , 2016, , .		13
59	$L_1$ -fusion: Robust linear-time image recovery from few severely corrupted copies. , 2015, , .		13
60	Direction finding by complex $L_1$ -principal-component analysis. , 2015, , .		11
61	Optimal Algorithms for $L_1$ -subspace Signal Processing. IEEE Transactions on Signal Processing, 2014, 62, 5046-5058.	5.3	140
62	Fast computation of the $L_1$ -principal component of real-valued data. , 2014, , .		23
63	Novel full-rate noncoherent alamouti encoding that allows polynomial-complexity optimal decoding. , 2013, , .		2
64	Short-data-record filtering of PN-masked data. , 2013, , .		2
65	Small-Sample-Support Suppression of Interference to PN-Masked Data. IEEE Transactions on Communications, 2013, 61, 2979-2987.	7.8	4