

Salman Asif

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/475378/publications.pdf>

Version: 2024-02-01

54
papers

1,192
citations

758635

12
h-index

794141

19
g-index

54
all docs

54
docs citations

54
times ranked

996
citing authors

#	ARTICLE	IF	CITATIONS
1	Sparse Tracking State Estimation for Low-Observable Power Distribution Systems Using D-PMUs. IEEE Transactions on Power Systems, 2022, 37, 551-564.	4.6	8
2	Spatial Temporal Video Enhancement Using Alternating Exposures. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4912-4926.	5.6	5
3	Low-Light Color Imaging via Cross-Camera Synthesis. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 828-842.	7.3	3
4	Monocular Depth Estimation Using Deep Learning: A Review. Sensors, 2022, 22, 5353.	2.1	35
5	A Dual Camera System for High Spatiotemporal Resolution Video Acquisition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3275-3291.	9.7	13
6	The Benefits of Side Information for Structured Phase Retrieval. , 2021, , .		1
7	Toward simple, generalizable neural networks with universal training for low-SWaP hybrid vision. Photonics Research, 2021, 9, B253.	3.4	5
8	Data-Driven Illumination Patterns For Coded Diffraction Imaging. , 2021, , .		1
9	Robust High Dynamic Range (HDR) Imaging with Complex Motion and Parallax. Lecture Notes in Computer Science, 2021, , 134-149.	1.0	7
10	A Simple Framework for 3D Lensless Imaging with Programmable Masks. , 2021, , .		6
11	Sparse Distribution System State Estimation: An Approximate Solution Against Low Observability. , 2020, , .		10
12	Joint Image and Depth Estimation With Mask-Based Lensless Cameras. IEEE Transactions on Computational Imaging, 2020, 6, 1167-1178.	2.6	16
13	Non-Adversarial Video Synthesis with Learned Priors. , 2020, , .		9
14	Low-Rank Tensor Ring Model for Completing Missing Visual Data. , 2020, , .		6
15	Coded Illumination and Multiplexing for Lensless Imaging. , 2020, , .		3
16	Generative Models for Low-Dimensional Video Representation and Reconstruction. IEEE Transactions on Signal Processing, 2020, 68, 1688-1701.	3.2	13
17	SweepCam " Depth-Aware Lensless Imaging Using Programmable Masks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1606-1617.	9.7	24
18	Fourier Phase Retrieval with Arbitrary Reference Signal. , 2020, , .		3

#	ARTICLE	IF	CITATIONS
19	Solving Phase Retrieval with a Learned Reference. Lecture Notes in Computer Science, 2020, , 425-441.	1.0	11
20	Multilinear Compressive Sensing With Tensor Ring Factorization. , 2019, , .		1
21	Exactly Decoding a Vector through Relu Activation. , 2019, , .		1
22	Alternating Phase Projected Gradient Descent with Generative Priors for Solving Compressive Phase Retrieval. , 2019, , .		24
23	Fourier Phase Retrieval with Side Information Using Generative Prior. , 2019, , .		5
24	Imaging with Distributed Lensless Line Sensors. , 2019, , .		2
25	Image and Depth Estimation with Mask-Based Lensless Cameras. , 2019, , .		3
26	Generative Models For Low-Rank Video Representation And Reconstruction From Compressive Measurements. , 2019, , .		2
27	PHASE RETRIEVAL FOR SIGNALS IN UNION OF SUBSPACES. , 2018, , .		2
28	Lensless 3D Imaging Using Mask-Based Cameras. , 2018, , .		8
29	FlatCam: Thin, Lensless Cameras Using Coded Aperture and Computation. IEEE Transactions on Computational Imaging, 2017, 3, 384-397.	2.6	160
30	Low-rank matrix recovery of dynamic events. , 2017, , .		0
31	Toward depth estimation using mask-based lensless cameras. , 2017, , .		3
32	Toward Long-Distance Subdiffraction Imaging Using Coherent Camera Arrays. IEEE Transactions on Computational Imaging, 2016, 2, 251-265.	2.6	70
33	Lensless Imaging: A computational renaissance. IEEE Signal Processing Magazine, 2016, 33, 23-35.	4.6	102
34	FlatCam: Replacing Lenses with Masks and Computation. , 2015, , .		17
35	FPA-CS: Focal plane array-based compressive imaging in short-wave infrared. , 2015, , .		15
36	Sparse Recovery of Streaming Signals Using ℓ_1 -Homotopy. IEEE Transactions on Signal Processing, 2014, 62, 4209-4223.	3.2	111

#	ARTICLE	IF	CITATIONS
37	Low-complexity video compression and compressive sensing. , 2013, , .		20
38	Fast and Accurate Algorithms for Re-Weighted ℓ_1 -Norm Minimization. IEEE Transactions on Signal Processing, 2013, 61, 5905-5916.	3.2	95
39	Motion-adaptive spatio-temporal regularization for accelerated dynamic MRI. Magnetic Resonance in Medicine, 2013, 70, 800-812.	1.9	82
40	Sparsity penalties in dynamical system estimation. , 2011, , .		62
41	Estimation and dynamic updating of time-varying signals with sparse variations. , 2011, , .		16
42	Compressive Sensing for streaming signals using the Streaming Greedy Pursuit. , 2010, , .		5
43	Dynamic Updating for ℓ_1 Minimization. IEEE Journal on Selected Topics in Signal Processing, 2010, 4, 421-434.	7.3	89
44	Streaming Compressive Sensing for high-speed periodic videos. , 2010, , .		16
45	Sparse signal recovery and dynamic update of the underdetermined system. , 2010, , .		2
46	On the LASSO and Dantzig selector equivalence. , 2010, , .		12
47	Compressive sampling for streaming signals with sparse frequency content. , 2010, , .		19
48	Dynamic updating for sparse time varying signals. , 2009, , .		28
49	Random channel coding and blind deconvolution. , 2009, , .		21
50	Basis pursuit with sequential measurements and time varying signals. , 2009, , .		1
51	Channel protection: Random coding meets sparse channels. , 2009, , .		8
52	Dantzig selector homotopy with dynamic measurements. Proceedings of SPIE, 2009, , .	0.8	4
53	Streaming measurements in compressive sensing: ℓ_1 filtering. , 2008, , .		7
54	A multiprocessor framework for rapid-prototyping and evaluation of soft transceivers. , 2006, , .		0