Amir Zaimbashi

List of Publications by Year
in descending order

		759233	839539
29 papers	**376** citations	**12** h-index	**18** g-index
29 all docs	**29** docs citations	**29** times ranked	**244** citing authors

#	Article	IF	Citations
1	Kernelized-Likelihood Ratio Tests for Binary Phase-Shift Keying Signal Detection. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 541-552.	7.9	3
2	A Unified Framework for Multistatic Passive Radar Target Detection Under Uncalibrated Receivers. IEEE Transactions on Signal Processing, 2021, 69, 695-708.	5.3	12
3	Cognitive Radio Spectrum Sensing Under Joint TX/RX I/Q Imbalance and Uncalibrated Receiver. IEEE Systems Journal, 2020, 14, 105-112.	4.6	12
4	Three-stage Lamb-wave-based damage localization algorithm in plate-like structures for structural health monitoring applications. Signal Processing, 2020, 168, 107360.	3.7	16
5	Spectrum sensing in a calibrated multi-antenna cognitive radio: Exact LRT approaches. AEU - International Journal of Electronics and Communications, 2020, 113, 152968.	2.9	3
6	Outage Performance of Mixed RF-FSO Systems Over DGG and Nakagami-m Channels. IEEE Wireless Communications Letters, 2020, 9, 2135-2139.	5.0	11
7	Unified Performance Analysis of Multi-Hop FSO Systems Over Double Generalized Gamma Turbulence Channels With Pointing Errors. IEEE Transactions on Wireless Communications, 2020, 19, 7732-7746.	9.2	18
8	Persymmetric Adaptive Array Detection of Spread Spectrum Signals. IEEE Transactions on Information Theory, 2020, 66, 7828-7834.	2.4	5
9	Target Detection in Passive Radar Under Noisy Reference Channel: A New Threshold-Setting Strategy. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 4711-4722.	4.7	4
10	Tunable Adaptive Target Detection With Kernels in Colocated MIMO Radar. IEEE Transactions on Signal Processing, 2020, 68, 1500-1514.	5.3	10
11	Multistatic Passive Radar Sensing Algorithms With Calibrated Receivers. IEEE Sensors Journal, 2020, 20, 7878-7885.	4.7	6
12	Spectrum Sensing in SIMO Cognitive Radios Under Primary User Transmitter IQ Imbalance. IEEE Systems Journal, 2019, 13, 1210-1218.	4.6	12
13	Impropriety-Based Multiantenna Spectrum Sensing With I/Q Imbalanced Radios. IEEE Transactions on Vehicular Technology, 2019, 68, 8693-8706.	6.3	11
14	A framework on the performance analysis of relay-assisted FSO transmission systems. Optics Communications, 2019, 450, 352-365.	2.1	7
15	Radar Target Detection with Kernel-Based Generalized Likelihood Ratio Test. , 2019, , .		2
16	On the Performance of Multi-Hop Free Space Optical Cooperative Systems. , 2018, , .		1
17	GLRT-Based Spectrum Sensing for SIMO Cognitive Radio with Transmitter IQI. , 2018, , .		1
18	Accelerating Target Detection in Passive Radar Sensors: Delay-Doppler-Acceleration Estimation. IEEE Sensors Journal, 2018, 18, 5445-5454.	4.7	14

#	ARTICLE	IF	CITATIONS
19	Robust and Blind Eigenvalue-Based Multiantenna Spectrum Sensing Under IQ Imbalance. IEEE Transactions on Wireless Communications, 2018, 17, 5581-5591.	9.2	26
20	Forward M-Ary Hypothesis Testing Based Detection Approach for Passive Radar. IEEE Transactions on Signal Processing, 2017, 65, 2659-2671.	5.3	22
21	Target Detection in Analog Terrestrial TV-Based Passive Radar Sensor: Joint Delay-Doppler Estimation. IEEE Sensors Journal, 2017, 17, 5569-5580.	4.7	34
22	Broadband target detection algorithm in FMâ€based passive bistatic radar systems. IET Radar, Sonar and Navigation, 2016, 10, 1485-1499.	1.8	21
23	Target detection in clutter background: Null or whiten the clutter. , 2016, , .		1
24	Invariant subspace detector in distributed multipleâ€input multiple output radar: geometry gain helps improving moving target detection. IET Radar, Sonar and Navigation, 2016, 10, 923-934.	1.8	14
25	Multiband FMâ€based passive bistatic radar: target range resolution improvement. IET Radar, Sonar and Navigation, 2016, 10, 174-185.	1.8	21
26	An adaptive cell averaging-based CFAR detector for interfering targets and clutter-edge situations. , 2014, 31, 59-68.		26
27	Two Types of Distributed CFAR Detection Based on Weighting Functions in Fusion Center for Weibull Clutter. Journal of Engineering (United States), 2013, 2013, 1-10.	1.0	4
28	Weighted order statistic and fuzzy rules CFAR detector for Weibull clutter. Signal Processing, 2008, 88, 558-570.	3.7	27
29	Automatic dual censoring cell-averaging CFAR detector in non-homogenous environments. Signal Processing, 2008, 88, 2611-2621.	3.7	32