

Mohamad Farzan sabahi

List of Publications by Year in descending order

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358
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient GNSS Jamming Mitigation Using the Marcenko Pastur Law and Karhunenâ€“Loeve Decomposition. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 2291-2303.	4.7	8
2	GNSS jamming detection of UAV ground control station using random matrix theory. ICT Express, 2021, 7, 239-243.	4.8	7
3	High compression rate, based on the RLS adaptive algorithm in progressive image transmission. Signal, Image and Video Processing, 2021, 15, 835-842.	2.7	1
4	Null broadenedâ€“deepened array antenna beamforming for GNSS jamming mitigation in moving platforms. ICT Express, 2021, , .	4.8	4
5	Spatial analysis of EEG signals for Parkinsonâ€™s disease stage detection. Signal, Image and Video Processing, 2020, 14, 397-405.	2.7	19
6	Pilot-Decontamination in Massive MIMO Systems Using Interference Alignment. IEEE Communications Letters, 2020, 24, 672-675.	4.1	6
7	Implementation and Assessment of Jamming Effectiveness Against an FMCW Tracking Radar Based on a Novel Criterion. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 4723-4733.	4.7	6
8	Fast and robust small infrared target detection using absolute directional mean difference algorithm. Signal Processing, 2020, 177, 107727.	3.7	90
9	Decision fusion using virtual dictionaryâ€“based sparse representation for robust SAR automatic target recognition. IET Radar, Sonar and Navigation, 2020, 14, 811-821.	1.8	2
10	Spatially Sparse Emitters Localization With QVBEM Algorithm. Radio Science, 2020, 55, e2019RS007009.	1.6	0
11	Clutter mitigation in subâ€“Nyquist radars using difference set codes. IET Radar, Sonar and Navigation, 2020, 14, 487-494.	1.8	0
12	Lowâ€“complexity framework for GNSS jamming and spoofing detection on moving platforms. IET Radar, Sonar and Navigation, 2020, 14, 2027-2038.	1.8	7
13	An Improved Radar and Infrared Sensor Tracking Fusion Algorithm Based on IMM-UKF. , 2019, , .		4
14	Limited feedback distributed interference alignment in cellular networks with large scale antennas. AEU - International Journal of Electronics and Communications, 2019, 110, 152875.	2.9	3
15	Joint Preprocessing of Multiple Datasets to Enhance Source Separation. IEEE Signal Processing Letters, 2019, 26, 1917-1921.	3.6	2
16	High Resolution Compressed Sensing Radar Using Difference Set Codes. IEEE Transactions on Signal Processing, 2019, 67, 136-148.	5.3	7
17	Target recognition and discrimination based on multiple-frequencies LFM signal with subcarrier hopping. Multidimensional Systems and Signal Processing, 2019, 30, 93-117.	2.6	0
18	A false-alarm aware methodology to develop robust and efficient multi-scale infrared small target detection algorithm. Infrared Physics and Technology, 2018, 89, 387-397.	2.9	42

#	ARTICLE	IF	CITATIONS
19	A Fast Fixed Point Algorithm for Real-Time Spectrum Balancing of DSL. , 2018, , .		0
20	Joint frequency and two-dimensional direction of arrival estimation for Electronic Support systems based on sub-Nyquist sampling. IET Radar, Sonar and Navigation, 2018, 12, 889-899.	1.8	9
21	Novel Anti-Deception Jamming Method by Measuring Phase Noise of Oscillators in LFMCW Tracking Radar Sensor Networks. IEEE Access, 2017, 5, 11455-11467.	4.2	14
22	Jammer target discrimination based on local variance of signal histogram in tracking radar and its implementation. Signal, Image and Video Processing, 2017, 11, 1025-1032.	2.7	5
23	Target recognition based on phase noise of received signal. Electronics Letters, 2017, 53, 808-810.	1.0	5
24	Beamforming with a Simple Adaptive Partial Feedback Method in Cooperative Cognitive Radio Networks. Wireless Personal Communications, 2017, 95, 3167-3184.	2.7	0
25	Joint Blind Equalization and Decoding in OFDM Systems Using Particle Filtering. Wireless Personal Communications, 2017, 97, 3875-3889.	2.7	1
26	Weighted sum rate maximization in MIMO interfering broadcast channels exploiting virtual per-user power constraints. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3136.	3.9	0
27	Designing Sequence With Minimum PSL Using Chebyshev Distance and its Application for Chaotic MIMO Radar Waveform Design. IEEE Transactions on Signal Processing, 2017, 65, 690-704.	5.3	59
28	Chebyshev chaotic polynomials for MIMO radar waveform generation. IET Radar, Sonar and Navigation, 2017, 11, 330-340.	1.8	14
29	Target recognition based on phase noise of received laser signal in lidar jammer. Chinese Optics Letters, 2017, 15, 100302.	2.9	5
30	On interference alignment for crosstalk mitigation in VDSL2. , 2016, , .		0
31	Scale-space point spread function based framework to boost infrared target detection algorithms. Infrared Physics and Technology, 2016, 77, 27-34.	2.9	20
32	Frequency-domain wideband compressive spectrum sensing. IET Communications, 2016, 10, 1655-1664.	2.2	9
33	Shape Design Optimization of Interior Permanent-Magnet Synchronous Motor with Machaon Flux Barriers for Reduction of Torque Pulsation. Electric Power Components and Systems, 2016, 44, 2212-2223.	1.8	4
34	Obtaining a Potential Game Through Pricing, to Achieve Optimal Resource Management in Non-cooperative Cognitive Radio Networks. Wireless Personal Communications, 2016, 87, 45-62.	2.7	3
35	A new fairness index and novel approach for QoS-aware resource allocation in LTE networks based on utility functions. , 2015, , .		2
36	A novel compressed sensing DOA estimation using difference set codes. , 2015, , .		0

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37	A Simple Method for Throughput Maximization of OFDMA Based CR Networks. <i>Wireless Personal Communications</i> , 2015, 85, 1869-1882.	2.7	4
38	Application of elliptic discrete Fourier transform type (I) in denoising and receiver design. <i>Analog Integrated Circuits and Signal Processing</i> , 2015, 85, 505-512.	1.4	0
39	Joint blind equalization and detection in chaotic communication systems using simulation-based methods. <i>AEU - International Journal of Electronics and Communications</i> , 2015, 69, 1445-1452.	2.9	15
40	A Full-Three-Dimensional Reference Model for Wideband MIMO Mobile-to-Mobile Communication Channels. <i>Wireless Personal Communications</i> , 2015, 85, 1351-1365.	2.7	2
41	Evaluating sweep noisy barrage jamming effect on tracking radar based on functioning destruction time. , 2014, , .		6
42	Power allocation game considering QoS and interference for fading multiple access channels. , 2014, , .		3
43	Cooperative sparse spectrum mapping for cognitive radio networks in a history-aware framework. , 2014, , .		0
44	Improving performance of DS-CDMA systems using chaotic complex Bernoulli spreading codes. <i>International Journal of Electronics</i> , 2014, 101, 1694-1704.	1.4	3
45	Optimal Multiband Pulse Shaping and Improved Power Spectrum Estimation Using Stopbands Information. <i>IEEE Signal Processing Letters</i> , 2013, 20, 1006-1009.	3.6	0
46	A potential game governing a non-cooperative distributed Cognitive Radio Network: A price-based approach. , 2012, , .		0
47	Radar detection based on Bayesian estimation of target amplitude. <i>IET Radar, Sonar and Navigation</i> , 2008, 2, 458-467.	1.8	5
48	Particle Detection and it's Radar Application. , 2006, , .		0