

Benjamin Friedlander

List of Publications by Year in descending order

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30
papers

908
citations

840776

11
h-index

794594

19
g-index

31
all docs

31
docs citations

31
times ranked

672
citing authors

#	ARTICLE	IF	CITATIONS
1	Comments on "Localization of Near-Field Sources Based on Linear Prediction and Oblique Projection Operator". IEEE Transactions on Signal Processing, 2021, 69, 6399-6400.	5.3	0
2	The Extended Manifold for Antenna Arrays. IEEE Transactions on Signal Processing, 2020, 68, 493-502.	5.3	10
3	Calibration of antenna arrays using the extended manifold. IET Radar, Sonar and Navigation, 2020, 14, 1001-1007.	1.8	1
4	Localization of Signals in the Near-Field of an Antenna Array. IEEE Transactions on Signal Processing, 2019, 67, 3885-3893.	5.3	72
5	Antenna Array Calibration for a General Linear Transformation of the Array Manifold. International Journal of Antennas and Propagation, 2019, 2019, 1-11.	1.2	1
6	Polarization Sensitivity of Antenna Arrays. IEEE Transactions on Signal Processing, 2019, 67, 234-244.	5.3	24
7	Antenna Array Manifolds for High-Resolution Direction Finding. IEEE Transactions on Signal Processing, 2018, 66, 923-932.	5.3	54
8	Effects of Model Mismatch in MIMO Radar. IEEE Transactions on Signal Processing, 2012, 60, 2071-2076.	5.3	13
9	An Efficient Parametric Technique for Doppler-Delay Estimation. IEEE Transactions on Signal Processing, 2012, 60, 3953-3963.	5.3	18
10	Some theoretical results for compressed MIMO radar. , 2011, , .		1
11	On High Performance MIMO Communications with Imperfect Channel Knowledge. IEEE Transactions on Wireless Communications, 2011, 10, 602-613.	9.2	16
12	Emitter position and velocity estimation given time and frequency differences of arrival. , 2010, , .		0
13	On the Relationship Between MIMO and SIMO Radars. IEEE Transactions on Signal Processing, 2009, 57, 394-398.	5.3	71
14	Compressed sensing for MIMO radar - algorithms and performance. , 2009, , .		52
15	Communications through time-varying subspace channels. IEEE Journal on Selected Areas in Communications, 2008, 26, 338-347.	14.0	3
16	Virtual sensors for remote sensing: Algorithms and performance. , 2008, , .		2
17	Estimating homeomorphic deformations of multi-dimensional signals - An accuracy analysis. , 2008, , .		1
18	Communications through Time-Varying Subspace Channels. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	3

#	ARTICLE	IF	CITATIONS
19	Waveform Design for MIMO Radar with Space-Time Constraints. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	3
20	Partly-Filled Nonuniform Linear Arrays for DOA Estimation in Multipath Signals. , 2007, , .		4
21	On Data-Adaptive Waveform Design for MIMO Radar. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	7
22	Random Projections for Sparse Channel Estimation and Equalization. , 2006, , .		6
23	Bit-Constrained Least Squares for Improved Detection. , 2006, , .		0
24	Adaptive Waveform Design for a Multi-Antenna Radar System. , 2006, , .		7
25	Asymptotic performance analysis of blind signal copy using fourth-order cumulants. International Journal of Adaptive Control and Signal Processing, 1996, 10, 239-265.	4.1	26
26	Performance analysis of cumulant-based detection of non-gaussian signals. International Journal of Adaptive Control and Signal Processing, 1996, 10, 99-111.	4.1	3
27	Steering Vector and Signal Estimation for Uncalibrated Polarization Sensitive Arrays. , 1996, 6, 37-50.		3
28	The root-MUSIC algorithm for direction finding with interpolated arrays. Signal Processing, 1993, 30, 15-29.	3.7	217
29	Performance of direction-finding systems with sensor gain and phase uncertainties. Circuits, Systems, and Signal Processing, 1993, 12, 3-35.	2.0	22
30	Eigenstructure methods for direction finding with sensor gain and phase uncertainties. Circuits, Systems, and Signal Processing, 1990, 9, 271-300.	2.0	260