

# Yong-Liang Wang

## List of Publications by Year in descending order

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840776

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all docs

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docs citations

29  
times ranked

263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Double Subspace Signal Detection in Gaussian Backgroundâ€”Part I: Homogeneous Environments. IEEE Transactions on Signal Processing, 2014, 62, 2345-2357.	5.3	150
2	Adaptive Double Subspace Signal Detection in Gaussian Backgroundâ€”Part II: Partially Homogeneous Environments. IEEE Transactions on Signal Processing, 2014, 62, 2358-2369.	5.3	67
3	Subspace-Augmented Clutter Suppression Technique for STAP Radar. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 462-466.	3.1	45
4	Distributed Target Detection in Partially Homogeneous Environment When Signal Mismatch Occurs. IEEE Transactions on Signal Processing, 2018, 66, 3918-3928.	5.3	37
5	Reduced-DOF Three-Dimensional STAP via Subarray Synthesis for Nonsidelooking Planar Array Airborne Radar. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 3311-3325.	4.7	32
6	STAP with medium PRF mode for non-side-looking airborne radar. IEEE Transactions on Aerospace and Electronic Systems, 2000, 36, 609-620.	4.7	25
7	Adaptive array detection in noise and completely unknown jamming. , 2015, 46, 41-48.		22
8	Statistical Performance Analysis of the Adaptive Orthogonal Rejection Detector. IEEE Signal Processing Letters, 2016, 23, 873-877.	3.6	15
9	An Adaptive Gaussian Sum Kalman Filter Based on a Partial Variational Bayesian Method. IEEE Transactions on Automatic Control, 2020, 65, 4793-4799.	5.7	15
10	Sparsity-Based Non-Stationary Clutter Suppression Technique for Airborne Radar. IEEE Access, 2018, 6, 56162-56169.	4.2	13
11	Multichannel radar adaptive signal detection in interference and structure nonhomogeneity. Science China Information Sciences, 2017, 60, 1.	4.3	12
12	GLRT detector based on knowledge aided covariance estimation in compound Gaussian environment. Signal Processing, 2019, 155, 377-383.	3.7	12
13	Adaptive subspace signal detection in a type of structure-nonhomogeneity environment. Signal Processing, 2020, 173, 107600.	3.7	12
14	STAP for airborne radar with cylindrical phased array antennas. Signal Processing, 2009, 89, 883-893.	3.7	11
15	Clutter suppression for airborne phased radar with conformal arrays by least squares estimation. Signal Processing, 2011, 91, 1665-1669.	3.7	11
16	Adaptive multichannel detectors for distributed target based on gradient test. Signal Processing, 2022, 191, 108350.	3.7	11
17	A Tunable Detector for Distributed Target Detection in the Situation of Signal Mismatch. IEEE Signal Processing Letters, 2020, 27, 151-155.	3.6	10
18	Range-Dependent Ambiguous Clutter Suppression for Airborne SSF-STAP Radar. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 855-867.	4.7	8

#	ARTICLE	IF	CITATIONS
19	Short-Range Clutter Suppression for Airborne Radar Using Sparse Recovery and Orthogonal Projection. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	7
20	A Novel Two-Step Scheme Based on Joint GO-DPCA and Local STAP in Image Domain for Multichannel SAR-GMTI. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8259-8272.	4.9	7
21	IRNet: Interference Recognition Networks for Automotive Radars via Autocorrelation Features. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2762-2774.	4.6	6
22	A False Alarm Controllable Detection Method Based on CNN for Sea-Surface Small Targets. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	6
23	Clutter suppression algorithm for non-∑side looking airborne radar with high pulse repetition frequency based on elevation-∑compensation-∑prefiltering. IET Radar, Sonar and Navigation, 2020, 14, 19-26.	1.8	4
24	Interference Environment Model Recognition for Robust Adaptive Detection. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 2850-2861.	4.7	4
25	Nonstationary Clutter Suppression Based on Four Dimensional Clutter Spectrum for Airborne Radar With Conformal Array. IEEE Access, 2022, 10, 51850-51861.	4.2	4
26	Adaptive Fixed-Lag Smoothing Algorithms Based on the Variational Bayesian Method. IEEE Transactions on Automatic Control, 2021, 66, 4881-4887.	5.7	3
27	Adaptive Detection in Structure-Nonhomogeneity Environment: Designs and Comparisons. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	1
28	Adaptive Detectors for Colocated MIMO Radar With Training Data. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	0
29	Adaptive detection for distributed target in homogeneous environment with deterministic subspace interference. , 2021, , .		0