

# Tansu Filik

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

318  
citations

1040056

9  
h-index

940533

16  
g-index

30  
all docs

30  
docs citations

30  
times ranked

331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wind Speed Prediction Using Artificial Neural Networks Based on Multiple Local Measurements in Eskisehir. Energy Procedia, 2017, 107, 264-269.	1.8	79
2	Short-term wind speed forecasting by spectral analysis from long-term observations with missing values. Applied Energy, 2017, 191, 653-662.	10.1	72
3	RF-Based Noncontact Respiratory Rate Monitoring With Parametric Spectral Estimation. IEEE Sensors Journal, 2019, 19, 9841-9849.	4.7	17
4	Non-Contact Respiratory Rate Estimation in Real-Time With Modified Joint Unscented Kalman Filter. IEEE Access, 2020, 8, 99445-99457.	4.2	17
5	Improved Spatio-Temporal Linear Models for Very Short-Term Wind Speed Forecasting. Energies, 2016, 9, 168.	3.1	15
6	RF-Wri: An Efficient Framework for RF-Based Device-Free Air-Writing Recognition. IEEE Sensors Journal, 2021, 21, 17906-17916.	4.7	14
7	Design and evaluation of V-shaped arrays for 2-D DOA estimation. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	12
8	A fast and automatically paired 2-D direction-of-arrival estimation with and without estimating the mutual coupling coefficients. Radio Science, 2010, 45, n/a-n/a.	1.6	11
9	Wind speed forecasting by subspace and nuclear norm optimization based algorithms. Sustainable Energy Technologies and Assessments, 2019, 35, 139-147.	2.7	11
10	A Hysteresis Model for Fixed and Sun Tracking Solar PV Power Generation Systems. Energies, 2018, 11, 603.	3.1	10
11	An Optimum Volumetric Array Design Approach for Both Azimuth and Elevation Isotropic DOA Estimation. IEEE Access, 2020, 8, 183903-183912.	4.2	9
12	EFFICIENCY ANALYSIS OF THE SOLAR TRACKING PV SYSTEMS IN ESKISEHIR REGION. Anadolu University Journal of Sciences & Technology, 2017, 18, 209-209.	0.2	9
13	A geometrical closed form solution for RSS based far-field localization: Direction of Exponent Uncertainty. Wireless Networks, 2019, 25, 215-227.	3.0	7
14	2-D DOA estimation in case of unknown mutual coupling for multipath signals. Multidimensional Systems and Signal Processing, 2016, 27, 69-86.	2.6	6
15	Very Short Term Wind Speed Forecasting Using Multivariable Dense Data with WLS-MARMA Model. Energy Procedia, 2017, 107, 259-263.	1.8	6
16	Uniform and nonuniform V-shaped isotropic planar arrays. , 2008, , .		5
17	A Sparse TDOA Estimation Method for LPI Source Localization Using Distributed Sensors. Wireless Personal Communications, 2022, 123, 2171-2187.	2.7	5
18	A joint detection and localization method for non-cooperative DS-SS signals. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
19	Presence detection of long-and-short-code DS-SS signals using the phase linearity of multichannel sensors. , 2014, , .		3
20	Wind speed forecasting with missing values. , 2017, , .		2
21	Isotropic and Directional DOA Estimation of the Target by UAV Swarm-based 3-D Antenna Array. , 2020, , .		2
22	Direction of Arrival Estimation in Non-Uniform Linear Arrays for Wide Band Signals. , 2007, , .		1
23	The localization of LPI signals using sparse TDOA estimates. , 2016, , .		1
24	Design of V-shaped Array Geometry. , 2007, , .		0
25	Direction of arrival estimation in non-uniform linear arrays for wide band signals with colored noise. , 2008, , .		0
26	Uniform and non-uniform V-shaped arrays for 2-D DOA estimation. , 2008, , .		0
27	Direction finding antenna array design with numerical modelling. , 2012, , .		0
28	Circular Uncertainty method for range-only localization with imprecise sensor positions. Multidimensional Systems and Signal Processing, 2018, 29, 1757-1780.	2.6	0
29	Short-Term Wind Speed Forecasting by Spectral Analysis. , 2018, , .		0
30	An Efficient Noncontact Method for Monitoring of Respiratory Rate During Sleep Using Wireless Signals. , 2019, , .		0