Manuel A VÃ¡zquez

List of Publications by Year
in descending order

17 papers	**145** citations	1307594 **7** h-index	1281871 **11** g-index
17 all docs	**17** docs citations	**17** times ranked	**163** citing authors

#	Article	IF	Citations
1	A robust scheme for distributed particle filtering in wireless sensors networks. Signal Processing, 2017, 131, 190-201.	3.7	21
2	A proof of uniform convergence over time for a distributed particle filter. Signal Processing, 2016, 122, 152-163.	3.7	20
3	An Interpretable Machine Learning Method for the Detection of Schizophrenia Using EEG Signals. Frontiers in Systems Neuroscience, 2021, 15, 652662.	2.5	18
4	A quantitative performance study of two automatic methods for the diagnosis of ovarian cancer. Biomedical Signal Processing and Control, 2018, 46, 86-93.	5.7	16
5	Sparse ACEKF for phase reconstruction. Optics Express, 2013, 21, 18125.	3.4	15
6	Uninterrupted portable car navigation system using GPS, map and inertial sensors data. , 2009, , .		12
7	Analysis of a nonlinear importance sampling scheme for Bayesian parameter estimation in state-space models. Signal Processing, 2018, 142, 281-291.	3.7	12
8	Sequential Monte Carlo methods for complexity-constrained MAP equalization of dispersive MIMO channels. Signal Processing, 2008, 88, 1017-1034.	3.7	10
9	A Likely Magnetic Activity Cycle for the Exoplanet Host M Dwarf GJ 3512. Astronomical Journal, 2020, 160, 273.	4.7	6
10	Automated detection of paroxysmal gamma waves in meditation EEG. , 2013, , .		4
11	User Activity Tracking in DS-CDMA Systems. IEEE Transactions on Vehicular Technology, 2013, 62, 3188-3203.	6.3	3
12	Validation of scientific topic models using graph analysis and corpus metadata. Scientometrics, 2022, 127, 5441-5458.	3.0	3
13	A Per-Survivor Processing Receiver for MIMO Transmission Systems With One Unknown Channel Order Per Output. IEEE Transactions on Vehicular Technology, 2011, 60, 4415-4426.	6.3	2
14	Efficient Gaussian inference algorithms for phase imaging. , 2012, , .		2
15	Adaptive MLSD for MIMO transmission systems with unknown subchannel orders. , 2010, , .		1
16	A per-survivor processing algorithm for maximum likelihood equalization of MIMO channels with unknown order. , 2008, , .		0
17	On the use of the channel second-order statistics in MMSE receivers for time- and frequency-selective MIMO transmission systems. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	0