Raffaele Parisi

List of Publications by Year
in descending order

16 papers	545 citations	840776 11 h-index	1281871 11 g-index
16 all docs	16 docs citations	16 times ranked	313 citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear spline adaptive filtering. Signal Processing, 2013, 93, 772-783.	3.7	142
2	Hammerstein uniform cubic spline adaptive filters: Learning and convergence properties. Signal Processing, 2014, 100, 112-123.	3.7	76
3	Novel Cascade Spline Architectures for the Identification of Nonlinear Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 1825-1835.	5.4	63
4	Nonlinear system identification using IIR Spline Adaptive Filters. Signal Processing, 2015, 108, 30-35.	3.7	48
5	Steady-State Performance of Spline Adaptive Filters. IEEE Transactions on Signal Processing, 2016, 64, 816-828.	5.3	47
6	Space Time MUSIC: Consistent Signal Subspace Estimation for Wideband Sensor Arrays. IEEE Transactions on Signal Processing, 2018, 66, 2685-2699.	5.3	41
7	Improving nonlinear modeling capabilities of functional link adaptive filters. Neural Networks, 2015, 69, 51-59.	5.9	25
8	Cepstrum Prefiltering for Binaural Source Localization in Reverberant Environments. IEEE Signal Processing Letters, 2012, 19, 99-102.	3.6	21
9	Combined adaptive beamforming schemes for nonstationary interfering noise reduction. Signal Processing, 2013, 93, 3306-3318.	3.7	19
10	Comparison of Hammerstein and Wiener systems for nonlinear acoustic echo cancelers in reverberant environments. , 2011, , .		16
11	An information theoretic approach to a novel nonlinear independent component analysis paradigm. Signal Processing, 2005, 85, 997-1028.	3.7	13
12	Microphone array based classification for security monitoring in unstructured environments. AEU - International Journal of Electronics and Communications, 2015, 69, 1715-1723.	2.9	13
13	Frequency-domain Adaptive Filtering: from Real to Hypercomplex Signal Processing. , 2019, , .		10
14	Functional link expansions for nonlinear modeling of audio and speech signals. , 2015, , .		9
15	Convex combination of MIMO filters for multichannel acoustic echo cancellation. , 2013, , .		1
16	Localization of audio sources by multiple binaural sensors. , 2013, , .		1