Eduardo L O Batista

List of Publications by Year
in descending order

24 papers	213 citations	1163117 8 h-index	1058476 14 g-index
24 all docs	24 docs citations	24 times ranked	145 citing authors

#	Article	IF	Citations
1	On the performance of adaptive pruned Volterra filters. Signal Processing, 2013, 93, 1909-1920.	3.7	46
2	A Sparse-Interpolated Scheme for Implementing Adaptive Volterra Filters. IEEE Transactions on Signal Processing, 2010, 58, 2022-2035.	5.3	39
3	A fully LMS/NLMS adaptive scheme applied to sparse-interpolated Volterra filters with removed boundary effect. Signal Processing, 2012, 92, 2381-2393.	3.7	15
4	An Adaptive Approach for the Joint Antenna Selection and Beamforming Optimization. IEEE Access, 2019, 7, 99017-99030.	4.2	14
5	A fully LMS adaptive interpolated Volterra structure. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	12
6	A Quadratically Constrained Stochastic Gradient Algorithm for Beamforming in Mobile Communications. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 125-129.	3.0	10
7	On the Joint Beamforming and Power Control in Cellular Systems: Algorithm and Stochastic Model. IEEE Transactions on Wireless Communications, 2014, 13, 6943-6954.	9.2	9
8	A Novel Adaptive Scheme to Improve the Performance of Feedforward Active Vibration Control Systems. IEEE/ASME Transactions on Mechatronics, 2022, 27, 2322-2332.	5.8	9
9	LCMV-Based Reduced-Rank Beamforming Algorithm With Enhanced Tracking Capability. IEEE Wireless Communications Letters, 2016, 5, 328-331.	5.0	8
10	Norm-constrained adaptive algorithms for sparse system identification based on projections onto intersections of hyperplanes. Signal Processing, 2016, 118, 259-271.	3.7	8
11	A new perspective on the convergence and stability of NLMS Hammerstein filters. , 2013, , .		7
12	A mathematical framework to describe interpolated adaptive volterra filters. , 2006, , .		5
13	A reduced-rank approach for implementing higher-order Volterra filters. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.7	5
14	Stochastic modeling of the CNLMS algorithm applied to adaptive beamforming. Signal Processing, 2021, 178, 107772.	3.7	5
15	Border Effect Removal for IFIR and Interpolated Volterra Filters. , 2007, , .		4
16	A novel approach for beamforming based on adaptive combinations of vector projections. , 2020, 97, 102621.		4
17	A fully adaptive IFIR filter with removed border effect. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	3
18	An â"0-norm-constrained adaptive algorithm for joint beamforming and antenna selection. , 2022, 126, 103475.		3

#	Article	IF	Citations
19	Joint beamforming and power control using continuous updates of transmission power. , 2016, 56, 43-52.		2
20	Effective hardware implementation of Volterra filters based on reduced‐rank approaches. Electronics Letters, 2018, 54, 1005-1007.	1.0	2
21	A novel reduced-rank approach for implementing Volterra filters. , 2016, , .		1
22	Sobre a ImplementaçÃ£o Digital de Um Pedal de Efeito de Ãudio do Tipo Overdrive. , 2015, , .		1
23	Advances on Adaptive Sparse-Interpolated Filtering. , 2015, , 387-419.		1
24	A blind beamforming algorithm for antenna arrays in cellular CDMA systems. , 2014, , .		0