SÃ©rgio Mm Jesus

List of Publications by Year
in descending order

14 papers	213 citations	1937685 4 h-index	2053705 5 g-index
14 all docs	14 docs citations	14 times ranked	193 citing authors

#	Article	IF	Citations
1	Adaptive spatial combining for passive time-reversed communications. Journal of the Acoustical Society of America, 2008, 124, 1038-1053.	1.1	99
2	Widely Scalable Mobile Underwater Sonar Technology: An Overview of the H2020 WiMUST Project. Marine Technology Society Journal, 2016, 50, 42-53.	0.4	25
3	The widely scalable Mobile Underwater Sonar Technology (WiMUST) project: An overview. , 2015, , .		19
4	Development and Testing of a Dual Accelerometer Vector Sensor for AUV Acoustic Surveys. Sensors, 2017, 17, 1328.	3.8	16
5	Navigation, Guidance and Control of Underwater Vehicles within the Widely scalable Mobile Underwater Sonar Technology Project: an overviewâ˜…. IFAC-PapersOnLine, 2015, 48, 189-193.	0.9	14
6	Joint Passive Time Reversal and Multichannel Equalization for Underwater Communications. , 2006, , .		12
7	OFDM demodulation in underwater time-reversed shortened channels. , 2008, , .		11
8	TEC4SEA — A modular platform for research, test and validation of technologies supporting a sustainable blue economy. , 2014, , .		10
9	Overview and first year progress of the Widely scalable Mobile Underwater Sonar Technology H2020 project**This work has received funding from the European Unionâ€™s Horizon 2020 research and innovation programme under grant agreement No. 645141 (WiMUST project, http://www.wimust.eu).. IFAC-PapersOnLine, 2016, 49, 430-433.	0.9	4
10	The Widely scalable Mobile Underwater Sonar Technology (WiMUST) H2020 project: First year status. , 2016, , .		3
11	Solving the ZF Receiver Equation for MIMO Systems Under Variable Channel Conditions Using the Block Fourier Algorithm. , 2006, , .		0
12	Acoustic Inversion of the Cold Water Filaments Off the Southwest Coast of Portugal. , 2007, , .		0
13	Employing the Block Fourier Algorithm for Solving the LMMSE Receiver Equation Under Variable Channel Conditions. IEEE Vehicular Technology Conference, 2007, , .	0.4	0
14	Performance Analysis of Multichannel Lattice Equalization in Coherent Underwater Communications. , 2007, , .		0