P R Saseendran Pillai

List of Publications by Year
in descending order

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26	71	2682572	2550090
papers	citations	2	3
		h-index	g-index

26	26	26	31
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of an instrumentation platform for ocean noise data acquisition and analysis. , 2015, , .		0
2	AN EFFICIENT HMM UNDERWATER SIGNAL CLASSIFIER WITH ENHANCED FADING CHANNEL PERFORMANCE. Journal of Circuits, Systems and Computers, 2014, 23, 1450121.	1.5	1
3	Underwater target classifier capable of reducing self-convolution distortion. , 2014, , .		0
4	Underwater target classifier using modified Kaiser-Bessel window. , 2013, , .		1
5	Deep learning architectures for underwater target recognition. , 2013, , .		35
6	Computationally efficient sparse reconstruction of underwater signals. , 2013, , .		1
7	Mitigating ambient noise in underwater acoustic receivers using independent component analysis. , 2011, , .		0
8	Compact archival tags for the migratory studies of marine species. , 2011, , .		0
9	An optimized sampling approach for light based geolocation devices. , 2011, , .		0
10	Discrete Sine Transform based HMM underwater signal classifier. , 2011, , .		7
11	Tracking of a maneuvering underwater target. , 2011, , .		2
12	Blind source separation of nonlinearly mixed ocean acoustic signals using Slow Feature Analysis. , 2011, , .		0
13	Implementation of a neural network based bicepstral classifier for marine noise sources. , 2011, , .		1
14	Implementation of an underwater image classifier using neural networks. , 2011, , .		0
15	Cost effective sensor buoy for ocean environmental monitoring. , 2010, , .		1
16	Prototype archival tags for studying the migratory routes of tuna. , 2009, , .		2
17	A command driven DSP hardware for DOA estimation. , 2009, , .		1
18	Development of a hardware based underwater target identification system. , 2009, , .		3

#	Article	IF	Citations
19	Implementation of a neural network classifier for noise sources in the ocean. , 2009, , .		0
20	Improving the localization estimates using Kalman filters. , 2009, , .		2
21	State Transition Matrix for an HMM based underwater target classifier. , 2009, , .		3
22	A codebook of feature vector for underwater targets. , 2009, , .		0
23	Geolocation estimation of marine species using a high resolution light tag. , 2009, , .		2
24	Drop parameter estimation from underwater noise produced by raindrop impact. Acoustics Research Letters Online: ARLO, 2004, 5, 118-124.	0.7	5
25	Design and development of refined (3,1) drive lowâ€frequency piezofilm hydrophones. Journal of the Acoustical Society of America, 1995, 97, 1019-1022.	1.1	0
26	Development of (3,1) drive lowâ€frequency piezofilm hydrophones with improved sensitivity. Journal of the Acoustical Society of America, 1993, 94, 3053-3056.	1.1	4