

P R Saseendran Pillai

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

71
citations

2682572

2
h-index

2550090

3
g-index

26
all docs

26
docs citations

26
times ranked

31
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning architectures for underwater target recognition. , 2013, , .		35
2	Discrete Sine Transform based HMM underwater signal classifier. , 2011, , .		7
3	Drop parameter estimation from underwater noise produced by raindrop impact. Acoustics Research Letters Online: ARLO, 2004, 5, 118-124.	0.7	5
4	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
5	Development of a hardware based underwater target identification system. , 2009, , .		3
6	State Transition Matrix for an HMM based underwater target classifier. , 2009, , .		3
7	Prototype archival tags for studying the migratory routes of tuna. , 2009, , .		2
8	Improving the localization estimates using Kalman filters. , 2009, , .		2
9	Tracking of a maneuvering underwater target. , 2011, , .		2
10	Geolocation estimation of marine species using a high resolution light tag. , 2009, , .		2
11	A command driven DSP hardware for DOA estimation. , 2009, , .		1
12	Cost effective sensor buoy for ocean environmental monitoring. , 2010, , .		1
13	Implementation of a neural network based bicepstral classifier for marine noise sources. , 2011, , .		1
14	Underwater target classifier using modified Kaiser-Bessel window. , 2013, , .		1
15	Computationally efficient sparse reconstruction of underwater signals. , 2013, , .		1
16	AN EFFICIENT HMM UNDERWATER SIGNAL CLASSIFIER WITH ENHANCED FADING CHANNEL PERFORMANCE. Journal of Circuits, Systems and Computers, 2014, 23, 1450121.	1.5	1
17	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
18	Implementation of a neural network classifier for noise sources in the ocean. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
19	A codebook of feature vector for underwater targets. , 2009, , .		0
20	Mitigating ambient noise in underwater acoustic receivers using independent component analysis. , 2011, , .		0
21	Compact archival tags for the migratory studies of marine species. , 2011, , .		0
22	An optimized sampling approach for light based geolocation devices. , 2011, , .		0
23	Blind source separation of nonlinearly mixed ocean acoustic signals using Slow Feature Analysis. , 2011, , .		0
24	Implementation of an underwater image classifier using neural networks. , 2011, , .		0
25	Underwater target classifier capable of reducing self-convolution distortion. , 2014, , .		0
26	Development of an instrumentation platform for ocean noise data acquisition and analysis. , 2015, , .		0