Hassan Amoud

List of Publications by Year
in descending order

18 papers	**264** citations	1307594 **7** h-index	1720034 **7** g-index
18 all docs	**18** docs citations	**18** times ranked	**360** citing authors

#	Article	IF	Citations
1	Intrinsic Mode Entropy for Nonlinear Discriminant Analysis. IEEE Signal Processing Letters, 2007, 14, 297-300.	3.6	63
2	Decreased integration of EEG source-space networks in disorders of consciousness. NeuroImage: Clinical, 2019, 23, 101841.	2.7	52
3	Wireless sensor networks in biomedical: Body area networks. , 2011, , .		34
4	Multi-class SVM classification combined with kernel PCA feature extraction of ECG signals. , 2012, , .		25
5	Exploring the Correlation Between M/EEG Source–Space and fMRI Networks at Rest. Brain Topography, 2020, 33, 151-160.	1.8	22
6	Univariate and Bivariate Empirical Mode Decomposition for Postural Stability Analysis. Eurasip Journal on Advances in Signal Processing, 2008, 2008, .	1.7	19
7	Early-warning of ARDS using novelty detection and data fusion. Computers in Biology and Medicine, 2018, 102, 191-199.	7.0	13
8	Non-negativity constraints on the pre-image for pattern recognition with kernel machines. Pattern Recognition, 2013, 46, 3066-3080.	8.1	10
9	Hilbert-Huang Transformation: Application to Postural Stability Analysis. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 1562-5.	0.5	9
10	Prediction of time series using Yule-Walker equations with kernels. , 2012, , .		9
11	Nonlinear feature extraction using kernel principal component analysis with non-negative pre-image. , 2010, 2010, 3642-5.		4
12	Kernel-based autoregressive modeling with a pre-image technique. , 2011, , .		2
13	Modeling electrocardiogram using Yule-Walker equations and kernel machines. , 2012, , .		1
14	Brain Segmentation from Super-Resolved Magnetic Resonance Images. , 2019, , .		1
15	A comparative study of pre-image techniques: The kernel autoregressive case. , 2011, , .		0
16	Features extraction from vital signs to characterize acute respiratory distress syndrome. , 2018, , .		0
17	Multi-class Surveillance for Acute Respiratory Distress Syndrome using Belief Functions. , 2019, , .		0
18	Marmoset brain segmentation from deconvolved magnetic resonance images and estimated label maps. Magnetic Resonance in Medicine, 2021, 86, 2766-2779.	3.0	0