Mohamed Morchid

List of Publications by Year
in descending order

34 papers	446 citations	1684188 5 h-index	1372567 10 g-index
34 all docs	34 docs citations	34 times ranked	329 citing authors

#	Article	IF	Citations
1	Bidirectional internal memory gate recurrent neural networks for spoken language understanding. International Journal of Speech Technology, 2022, 25, 19-27.	2.2	3
2	A survey of quaternion neural networks. Artificial Intelligence Review, 2020, 53, 2957-2982.	15.7	93
3	Real to H-Space Autoencoders for Theme Identification in Telephone Conversations. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 198-210.	5.8	2
4	Latent Topic-based Subspace for Natural Language Processing. Journal of Signal Processing Systems, 2019, 91, 833-853.	2.1	0
5	Quaternion Convolutional Neural Networks for Heterogeneous Image Processing. , 2019, , .		54
6	Bidirectional Quaternion Long Short-term Memory Recurrent Neural Networks for Speech Recognition. , 2019, , .		12
7	Quaternion Convolutional Neural Networks For Theme Identification Of Telephone Conversations. , 2018, , .		5
8	Parsimonious memory unit for recurrent neural networks with application to natural language processing. Neurocomputing, 2018, 314, 48-64.	5.9	49
9	Denoised Bottleneck Features From Deep Autoencoders for Telephone Conversation Analysis. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 1809-1820.	5.8	13
10	Deep quaternion neural networks for spoken language understanding. , 2017, , .		12
11	Parallel Long Short-Term Memory for multi-stream classification. , 2016, , .		6
12	Improving multi-stream classification by mapping sequence-embedding in a high dimensional space. , 2016, , .		1
13	A log-linear weighting approach in the Word2vec space for spoken language understanding. , 2016, , .		1
14	Quaternion Neural Networks for Spoken Language Understanding. , 2016, , .		17
15	Tracking dialog states using an Author-Topic based representation. , 2016, , .		1
16	Impact of Word Error Rate on theme identification task of highly imperfect human–human conversations. Computer Speech and Language, 2016, 38, 68-85.	4.3	5
17	Compact Multiview Representation of Documents Based on the Total Variability Space. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, 23, 1295-1308.	5.8	7
18	Topic-space based setup of a neural network for theme identification of highly imperfect transcriptions. , 2015, , .		4

#	Article	IF	Citations
19	An Author-Topic based Approach to Cluster Tweets and Mine their Location. Procedia Environmental Sciences, 2015, 27, 26-29.	1.4	4
20	Latent Topic Model Based Representations for a Robust Theme Identification of Highly Imperfect Automatic Transcriptions. Lecture Notes in Computer Science, 2015, , 596-605.	1.3	2
21	Improving dialogue classification using a topic space representation and a Gaussian classifier based on the decision rule. , 2014, , .		16
22	Feature selection using Principal Component Analysis for massive retweet detection. Pattern Recognition Letters, 2014, 49, 33-39.	4.2	49
23	Author-topic based representation of call-center conversations. , 2014, , .		4
24	An I-vector Based Approach to Compact Multi-Granularity Topic Spaces Representation of Textual Documents. , 2014, , .		5
25	Event detection from image hosting services by slightly-supervised multi-span context models. , 2013, , .		0
26	A LDA-based method for automatic tagging of Youtube videos. , 2013, , .		2
27	Spoken Language Understanding in a Latent Topic-Based Subspace. , 0, , .		1
28	Quaternion Denoising Encoder-Decoder for Theme Identification of Telephone Conversations. , 0, , .		6
29	Internal Memory Gate for Recurrent Neural Networks with Application to Spoken Language Understanding. , 0, , .		6
30	Quaternion Convolutional Neural Networks for End-to-End Automatic Speech Recognition. , 0, , .		52
31	Theme identification in telephone service conversations using quaternions of speech features. , 0, , .		8
32	Theme identification in human-human conversations with features from specific speaker type hidden spaces. , 0, , .		2
33	A comparison of normalization techniques applied to latent space representations for speech analytics. , 0, , .		0
34	Deep Stacked Autoencoders for Spoken Language Understanding. , 0, , .		4