Michael Wand

List of Publications by Year
in descending order

16 papers	440 citations	1937685 4 h-index	2053705 5 g-index
16 all docs	16 docs citations	16 times ranked	291 citing authors

#	Article	IF	Citations
1	Adaptation of an EMG-Based Speech Recognizer via Meta-Learning. , 2019, , .		2
2	Biosignal-Based Spoken Communication: A Survey. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 2257-2271.	5.8	117
3	Pattern learning with deep neural networks in EMG-based speech recognition. , 2014, 2014, 4200-3.		35
4	Compensation of recording position shifts for a myoelectric Silent Speech Recognizer. , 2014, , .		4
5	Tackling Speaking Mode Varieties in EMG-Based Speech Recognition. IEEE Transactions on Biomedical Engineering, 2014, 61, 2515-2526.	4.2	48
6	Application of Electrode Arrays for Artifact Removal in an Electromyographic Silent Speech Interface. Communications in Computer and Information Science, 2014, , 300-312.	0.5	0
7	Artifact removal algorithm for an EMG-based Silent Speech Interface. , 2013, 2013, 5750-3.		7
8	Biosignale-basierte Mensch-Maschine Schnittstellen. Automatisierungstechnik, 2013, 61, 760-769.	0.8	3
9	Estimation of fundamental frequency from surface electromyographic data: EMG-to-F<inf>0</inf>. , 2011, , .		9
10	Modeling coarticulation in EMG-based continuous speech recognition. Speech Communication, 2010, 52, 341-353.	2.8	139
11	Speaker-Adaptive Speech Recognition Based on Surface Electromyography. Communications in Computer and Information Science, 2010, , 271-285.	0.5	8
12	Synthesizing speech from electromyography using voice transformation techniques. , 0, , .		22
13	Impact of different speaking modes on EMG-based speech recognition. , 0, , .		13
14	Impact of lack of acoustic feedback in EMG-based silent speech recognition. , 0, , .		17
15	Investigations on speaking mode discrepancies in EMG-based speech recognition. , 0, , .		10
16	Impact of different feedback mechanisms in EMG-based speech recognition. , 0, , .		6