

Michael Wand

List of Publications by Year in descending order

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Version: 2024-02-01

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