

Marelle H Davel

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

386
citations

1478505

6
h-index

1125743

13
g-index

40
all docs

40
docs citations

40
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-style Training for South African Call Centre Audio. Communications in Computer and Information Science, 2022, , 111-124.	0.5	1
2	The South African directory enquiries (SADE) name corpus. Language Resources and Evaluation, 2020, 54, 155-184.	2.7	0
3	Pre-interpolation Loss Behavior in Neural Networks. Communications in Computer and Information Science, 2020, , 296-309.	0.5	1
4	DNNs as Layers of Cooperating Classifiers. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 3725-3732.	4.9	3
5	Using Summary Layers to Probe Neural Network Behaviour. South African Computer Journal, 2020, 32, .	0.2	0
6	Pairwise networks for feature ranking of a geomagnetic storm model. South African Computer Journal, 2020, 32, .	0.2	0
7	Benign interpolation of noise in deep learning. South African Computer Journal, 2020, 32, .	0.2	1
8	Guest Editorial: FAIR 2019 special issue. South African Computer Journal, 2020, 32, .	0.2	0
9	Stride and Translation Invariance in CNNs. Communications in Computer and Information Science, 2020, , 267-281.	0.5	13
10	Tracking Translation Invariance in CNNs. Communications in Computer and Information Science, 2020, , 282-295.	0.5	4
11	Constructing sub-word units for spoken term detection. , 2017, , .		10
12	The effect of language identification accuracy on speech recognition accuracy of proper names. , 2017, , .		9
13	Bilateral G2P accuracy: Measuring the effect of variants. , 2017, , .		0
14	Code-switched English Pronunciation Modeling for Swahili Spoken Term Detection. Procedia Computer Science, 2016, 81, 128-135.	2.0	5
15	Text-based language identification of multilingual names. , 2015, , .		4
16	Synthetic triphones from trajectory-based feature distributions. , 2015, , .		0
17	Predicting vowel substitution in code-switched speech. , 2015, , .		2
18	Language independent search in MediaEval's Spoken Web Search task. Computer Speech and Language, 2014, 28, 1066-1082.	4.3	30

#	ARTICLE	IF	CITATIONS
19	A smartphone-based ASR data collection tool for under-resourced languages. <i>Speech Communication</i> , 2014, 56, 119-131.	2.8	60
20	The spoken web search task at MediaEval 2012. , 2013, , .		30
21	The Spoken Web Search Task at MediaEval 2011. , 2012, , .		36
22	Collecting and evaluating speech recognition corpora for 11 South African languages. <i>Language Resources and Evaluation</i> , 2011, 45, 289-309.	2.7	36
23	Combining regression and classification methods for improving automatic speaker age recognition. , 2010, , .		21
24	Development of a Spoken Language Identification System for South African Languages. <i>SAIEE Africa Research Journal</i> , 2009, 100, 97-103.	1.2	9
25	Pronunciation prediction with Default&Refine. <i>Computer Speech and Language</i> , 2008, 22, 374-393.	4.3	36
26	The utility of spoken dialog systems. , 2008, , .		4
27	A general-purpose IsiZulu speech synthesizer. <i>South African Journal of African Languages</i> , 2005, 25, 92-100.	0.3	9
28	Improving the Lwazi ASR Baseline. , 0, , .		1
29	The efficient generation of pronunciation dictionaries: human factors during bootstrapping. , 0, , .		14
30	The efficient generation of pronunciation dictionaries: machine learning factors during bootstrapping. , 0, , .		6
31	Bootstrapping pronunciation dictionaries: practical issues. , 0, , .		5
32	Developing consistent pronunciation models for phonemic variants. , 0, , .		4
33	Phonotactic spoken language identification with limited training data. , 0, , .		2
34	Woefzela - an open-source platform for ASR data collection in the developing world. , 0, , .		10
35	Category-based phoneme-to-grapheme transliteration. , 0, , .		2
36	G2p variant prediction techniques for ASR and STD. , 0, , .		1

#	ARTICLE	IF	CITATIONS
37	Language identification of individual words with joint sequence models. , 0, , .		8
38	Rapid Development of TTS Corpora for Four South African Languages. , 0, , .		9
39	Two sepedi-english code-switched speech corpora. Language Resources and Evaluation, 0, , .	2.7	0