

Rohan Kumar Das

List of Publications by Year in descending order

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68
papers

878
citations

840776

11
h-index

839539

18
g-index

69
all docs

69
docs citations

69
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural Acoustic-Phonetic Approach for Speaker Verification With Phonetic Attention Mask. IEEE Signal Processing Letters, 2022, 29, 782-786.	3.6	7
2	Self-Supervised Speaker Recognition with Loss-Gated Learning. , 2022, , .		17
3	Modified Magnitude-Phase Spectrum Information for Spoofing Detection. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 1065-1078.	5.8	25
4	Capsule Network based End-to-end System for Detection of Replay Attacks. , 2021, , .		4
5	Graph Fourier Transform Based Audio Zero-Watermarking. IEEE Signal Processing Letters, 2021, 28, 1943-1947.	3.6	8
6	Data Augmentation with Signal Comanding for Detection of Logical Access Attacks. , 2021, , .		12
7	Improving anti-spoofing with octave spectrum and short-term spectral statistics information. Applied Acoustics, 2020, 157, 107017.	3.3	11
8	Significance of Subband Features for Synthetic Speech Detection. IEEE Transactions on Information Forensics and Security, 2020, 15, 2160-2170.	6.9	35
9	An Overview of Digital Audio Steganography. IETE Technical Review (Institution of Electronics and) Tj ETQq1 1 0.784314 rgBT ₂₁ /Overlo	3.2	21
10	Long-term high frequency features for synthetic speech detection. , 2020, 97, 102622.		19
11	On the Importance of Vocal Tract Constriction for Speaker Characterization: The Whispered Speech Study. , 2020, , .		1
12	Assessing the Scope of Generalized Countermeasures for Anti-Spoofing. , 2020, , .		18
13	End-to-End Code-Switching TTS with Cross-Lingual Language Model. , 2020, , .		9
14	Extraction of Octave Spectra Information for Spoofing Attack Detection. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 2373-2384.	5.8	28
15	Investigating Text-Independent Speaker Verification Systems Under Varied Data Conditions. Circuits, Systems, and Signal Processing, 2019, 38, 3778-3801.	2.0	3
16	Cross-lingual Voice Conversion with Bilingual Phonetic Posteriorgram and Average Modeling. , 2019, , .		39
17	Low frequency frame-wise normalization over constant-Q transform for playback speech detection. , 2019, 89, 30-39.		28
18	RSL2019: A Realistic Speech Localization Corpus. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
19	Long Range Acoustic and Deep Features Perspective on ASVspoof 2019. , 2019, , .		36
20	A Modularized Neural Network with Language-Specific Output Layers for Cross-Lingual Voice Conversion. , 2019, , .		9
21	Speaker-independent Spectral Mapping for Speech-to-Singing Conversion. , 2019, , .		7
22	Multi-band Spectral Entropy Information for Detection of Replay Attacks. , 2019, , .		2
23	Many-to-many Cross-lingual Voice Conversion with a Jointly Trained Speaker Embedding Network. , 2019, , .		4
24	Speaker Clustering with Penalty Distance for Speaker Verification with Multi-Speaker Speech. , 2019, , .		0
25	Exploring Text-Constraint Models and Source Information for Long-Enrollment with Short-Test Speaker Verification. Circuits, Systems, and Signal Processing, 2019, 38, 1775-1792.	2.0	1
26	Speaker Verification from Short Utterance Perspective: A Review. IETE Technical Review (Institution of) Tj ETQq0 0 0 rgt /Overlock 10 T	3.2	26
27	Significance of duration modification for speaker verification under mismatch speech tempo condition. International Journal of Speech Technology, 2018, 21, 401-408.	2.2	1
28	Multi-style speaker recognition database in practical conditions. International Journal of Speech Technology, 2018, 21, 409-419.	2.2	7
29	Generative X-Vectors for Text-Independent Speaker Verification. , 2018, , .		8
30	Instantaneous Phase and Excitation Source Features for Detection of Replay Attacks. , 2018, , .		15
31	Extended Constant-Q Cepstral Coefficients for Detection of Spoofing Attacks. , 2018, , .		25
32	Combining Phase-based Features for Replay Spoof Detection System. , 2018, , .		10
33	NUS-HLT Spoken Lyrics and Singing (SLS) Corpus. , 2018, , .		4
34	Compensating Utterance Information in Fixed Phrase Speaker Verification. , 2018, , .		2
35	Investigating Text-independent Speaker Verification from Practically Realizable System Perspective. , 2018, , .		5
36	Analysis of the Intrinsic Mode Functions for Speaker Information. Speech Communication, 2017, 91, 1-16.	2.8	17

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37	Exploring kernel discriminant analysis for speaker verification with limited test data. Pattern Recognition Letters, 2017, 98, 26-31.	4.2	7
38	Development of Multi-Level Speech based Person Authentication System. Journal of Signal Processing Systems, 2017, 88, 259-271.	2.1	38
39	Role of voice activity detection methods for the speakers in the wild challenge. , 2017, , .		1
40	Presence of Speech Region Detection using Vowel-like Regions and Spectral Slope Information. , 2017, , .		2
41	Exploring Acoustic Factor Analysis for limited test data speaker verification. , 2016, , .		1
42	Speaker verification using acoustic factor analysis with phonetic content compensation in limited and degraded test conditions. , 2016, , .		2
43	Warping path and gross spectrum information for speaker verification under degraded condition. , 2016, , .		5
44	AMRITATCS-IITGUWAHATI combined system for the Speakers in the Wild (SITW) speaker recognition challenge. , 2016, , .		0
45	Countermeasure to handle replay attacks in practical speaker verification systems. , 2016, , .		21
46	Significance of constraining text in limited data text-independent speaker verification. , 2016, , .		7
47	Exploring different attributes of source information for speaker verification with limited test data. Journal of the Acoustical Society of America, 2016, 140, 184-190.	1.1	29
48	Significance of glottal activity detection for speaker verification in degraded and limited data condition. , 2015, , .		4
49	Different aspects of source information for limited data speaker verification. , 2015, , .		9
50	Significance of glottal activity detection and glottal signature for text dependent speaker verification. , 2014, , .		4
51	Speech biometric based attendance system. , 2014, , .		54
52	Development and evaluation of online text-independent speaker verification system for remote person authentication. International Journal of Speech Technology, 2013, 16, 75-88.	2.2	19
53	Multivariability speaker recognition database in Indian scenario. International Journal of Speech Technology, 2012, 15, 441-453.	2.2	38
54	Exploring Session Variability and Template Aging in Speaker Verification for Fixed Phrase Short Utterances. , 0, , .		3

#	ARTICLE	IF	CITATIONS
55	Spoof Detection Using Source, Instantaneous Frequency and Cepstral Features. , 0, , .		46
56	I4U Submission to NIST SRE 2018: Leveraging from a Decade of Shared Experiences. , 0, , .		8
57	Long Range Acoustic Features for Spoofed Speech Detection. , 0, , .		30
58	On the Importance of Audio-Source Separation for Singer Identification in Polyphonic Music. , 0, , .		13
59	Multi-Level Adaptive Speech Activity Detector for Speech in Naturalistic Environments. , 0, , .		7
60	The Attacker's Perspective on Automatic Speaker Verification: An Overview. , 0, , .		18
61	Combining source and system information for limited data speaker verification. , 0, , .		13
62	Speaker verification using Gaussian posteriorgrams on fixed phrase short utterances. , 0, , .		8
63	IITG-Indigo System for NIST 2016 SRE Challenge. , 0, , .		3
64	Analysis of Speech Emotions in Realistic Environments. , 0, , .		0
65	A Unified Framework for Speaker and Utterance Verification. , 0, , .		4
66	Instantaneous Phase and Long-Term Acoustic Cues for Orca Activity Detection. , 0, , .		3
67	Black-box Attacks on Automatic Speaker Verification using Feedback-controlled Voice Conversion. , 0, , .		3
68	Personalized Singing Voice Generation Using WaveRNN. , 0, , .		3