Lei Xie

List of Publications by Year
in descending order

217 papers	4,834 citations	109321 35 h-index	168389 53 g-index
223 all docs	223 docs citations	223 times ranked	3132 citing authors

#	Article	IF	Citations
1	The politics of securitization: China's competing security agendas and their impacts on securitizing shared rivers. Eurasian Geography and Economics, 2022, 63, 332-361.	2.6	11
2	Environmental Public Interest Litigation in China: Findings from 570 Court Cases Brought by NGOs, Public Prosecutors and Local Government. Journal of Environmental Law, 2022, 34, 53-81.	1.4	5
3	Probing Hydrophobic Interactions between Polymer Surfaces and Air Bubbles or Oil Droplets: Effects of Molecular Weight and Surfactants. Langmuir, 2022, 38, 5257-5268.	3.5	4
4	Environmental Heterogeneity Affecting Community Assembly Patterns and Phylogenetic Diversity of Three Forest Communities at Mt. Huangshan, China. Forests, 2022, 13, 133.	2.1	2
5	MsEmoTTS: Multi-Scale Emotion Transfer, Prediction, and Control for Emotional Speech Synthesis. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 853-864.	5.8	30
6	Disentangling Style and Speaker Attributes for TTS Style Transfer. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 646-658.	5.8	5
7	Improving data augmentation for low resource speech-to-text translation with diverse paraphrasing. Neural Networks, 2022, 148, 194-205.	5.9	12
8	Noise-robust voice conversion with domain adversarial training. Neural Networks, 2022, 148, 74-84.	5.9	9
9	Chemical-induced gene expression ranking and its application to pancreatic cancer drug repurposing. Patterns, 2022, 3, 100441.	5.9	9
10	Cross-Speaker Emotion Disentangling and Transfer for End-to-End Speech Synthesis. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 1448-1460.	5.8	12
11	The complete chloroplast genomes of three Hamamelidaceae species: Comparative and phylogenetic analyses. Ecology and Evolution, 2022, 12, e8637.	1.9	11
12	Two-stage streaming keyword detection and localization with multi-scale depthwise temporal convolution. Neural Networks, 2022, 150, 28-42.	5.9	5
13	Exploration of chemical space with partial labeled noisy student self-training and self-supervised graph embedding. BMC Bioinformatics, 2022, 23, 158.	2.6	3
14	Multi-Task Deep Residual Echo Suppression with Echo-Aware Loss. , 2022, , .		12
15	Conversational Speech Recognition by Learning Conversation-Level Characteristics. , 2022, , .		3
16	WENETSPEECH: A 10000+ Hours Multi-Domain Mandarin Corpus for Speech Recognition. , 2022, , .		27
17	Optimizing the Perceptual Quality of Time-Domain Speech Enhancement with Reinforcement Learning. Tsinghua Science and Technology, 2022, 27, 939-947.	6.1	5
18	A New Weighted Imputed Neighborhood-Regularized Tri-Factorization One-Class Collaborative Filtering Algorithm: Application to Target Gene Prediction of Transcription Factors. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 126-137.	3.0	5

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19	Novel multifunctional solid slippery surfaces with self-assembled fluorine-free small molecules. Chemical Engineering Journal, 2021, 404, 127064.	12.7	10
20	In-situ probing of electrochemical dissolution and surface properties of chalcopyrite with implications for the dissolution kinetics and passivation mechanism. Journal of Colloid and Interface Science, 2021, 584, 103-113.	9.4	14
21	'Just Sustainability' or Just Sustainability? Shanghai's Failed Drive for Global Excellence. Society and Natural Resources, 2021, 34, 449-466.	1.9	2
22	Controllable Emotion Transfer For End-to-End Speech Synthesis. , 2021, , .		35
23	Accent and Speaker Disentanglement in Many-to-many Voice Conversion. , 2021, , .		15
24	DESNet: A Multi-Channel Network for Simultaneous Speech Dereverberation, Enhancement and Separation. , 2021, , .		12
25	Conversational End-to-End TTS for Voice Agents. , 2021, , .		14
26	Environmental Public Interest Litigation in China: A Critical Examination. Transnational Environmental Law, 2021, 10, 441-465.	1.0	10
27	Multi-Band Melgan: Faster Waveform Generation For High-Quality Text-To-Speech. , 2021, , .		76
28	Probing the In Situ Redox Behavior of Selenium on a Pyrite Surface by Scanning Electrochemical Microscopy. Journal of Physical Chemistry C, 2021, 125, 3018-3026.	3.1	4
29	LET-Decoder: A WFST-Based Lazy-Evaluation Token-Group Decoder With Exact Lattice Generation. IEEE Signal Processing Letters, 2021, 28, 703-707.	3.6	0
30	The SLT 2021 Children Speech Recognition Challenge: Open Datasets, Rules and Baselines. , 2021, , .		5
31	Optimizing Voice Conversion Network with Cycle Consistency Loss of Speaker Identity. , 2021, , .		8
32	Adversarial Training for Multi-domain Speaker Recognition. , 2021, , .		6
33	IEEE SLT 2021 Alpha-Mini Speech Challenge: Open Datasets, Tracks, Rules and Baselines. , 2021, , .		1
34	Simplified Self-Attention for Transformer-Based end-to-end Speech Recognition. , 2021, , .		12
35	Cascade RNN-Transducer: Syllable Based Streaming On-Device Mandarin Speech Recognition with a Syllable-To-Character Converter. , 2021, , .		13
36	Nanomechanical Insights into Versatile Polydopamine Wet Adhesive Interacting with Liquid-Infused and Solid Slippery Surfaces. ACS Applied Materials & Interfaces, 2021, 13, 6941-6950.	8.0	23

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37	TranSynergy: Mechanism-driven interpretable deep neural network for the synergistic prediction and pathway deconvolution of drug combinations. PLoS Computational Biology, 2021, 17, e1008653.	3.2	81
38	A Dual-Responsive, Freezing-Tolerant Hydrogel Sensor and Related Thermal- and Strain-Sensitive Mechanisms. ACS Applied Polymer Materials, 2021, 3, 1479-1487.	4.4	29
39	A deep learning framework for high-throughput mechanism-driven phenotype compound screening and its application to COVID-19 drug repurposing. Nature Machine Intelligence, 2021, 3, 247-257.	16.0	100
40	Recent advances in bubble-based technologies: Underlying interaction mechanisms and applications. Applied Physics Reviews, 2021, 8, .	11.3	24
41	Nanomechanics of Ligninâ€"Cellulase Interactions in Aqueous Solutions. Biomacromolecules, 2021, 22, 2033-2042.	5.4	32
42	Wake Word Detection with Streaming Transformers. , 2021, , .		12
43	The Multi-Speaker Multi-Style Voice Cloning Challenge 2021. , 2021, , .		12
44	An Asynchronous WFST-Based Decoder for Automatic Speech Recognition. , 2021, , .		1
45	Probing the Interactions between Pickering Emulsion Droplets Stabilized with pH-Responsive Nanoparticles. Journal of Physical Chemistry B, 2021, 125, 7320-7331.	2.6	8
46	Is the ecosystem approach effective in transboundary water systems: Central Asia as a case study?. Wiley Interdisciplinary Reviews: Water, 2021, 8, e1542.	6.5	4
47	Understanding the hetero-aggregation mechanism among sulfide and oxide mineral particles driven by bifunctional surfactants: Intensification flotation of oxide minerals. Minerals Engineering, 2021, 169, 106928.	4.3	11
48	Cycle consistent network for end-to-end style transfer TTS training. Neural Networks, 2021, 140, 223-236.	5.9	16
49	Surface interaction mechanisms in mineral flotation: Fundamentals, measurements, and perspectives. Advances in Colloid and Interface Science, 2021, 295, 102491.	14.7	47
50	Effective and direct control of neural TTS prosody by removing interactions between different attributes. Neural Networks, 2021, 143, 250-260.	5.9	4
51	Uncovering the hydrophobic mechanism of a novel dithiocarbamate-hydroxamate surfactant towards galena. Chemical Engineering Science, 2021, 245, 116765.	3.8	23
52	Context-aware RNNLM Rescoring for Conversational Speech Recognition. , 2021, , .		3
53	Fine-Grained Emotion Strength Transfer, Control and Prediction for Emotional Speech Synthesis. , 2021, , .		22
54	Multi-Channel Automatic Speech Recognition Using Deep Complex Unet. , 2021, , .		3

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55	A bibliometric review of the water security concept in Central Asia. Environmental Research Letters, 2021, 16, 013001.	5.2	12
56	A Meta-Analysis Indicates Positive Correlation between Genetic Diversity and Species Diversity. Biology, 2021, 10, 1089.	2.8	4
57	Mismatch Between Specific and Genetic Diversity in an Evergreen Broadleaf Forest in Southeast China: A Study Case of 10.24 ha Forest Dynamics Plot of Huangshan. Frontiers in Plant Science, 2021, 12, 706006.	3.6	4
58	Boundary and Context Aware Training for CIF-Based Non-Autoregressive End-to-End ASR. , 2021, , .		7
59	Duality Temporal-Channel-Frequency Attention Enhanced Speaker Representation Learning. , 2021, , .		3
60	Probing the interaction mechanism between oil droplets with asphaltenes and solid surfaces using AFM. Journal of Colloid and Interface Science, 2020, 558, 173-181.	9.4	51
61	Role of molecular architecture in the modulation of hydrophobic interactions. Current Opinion in Colloid and Interface Science, 2020, 47, 58-69.	7.4	36
62	A Nanomechanical Study on Deciphering the Stickiness of SARS-CoV-2 on Inanimate Surfaces. ACS Applied Materials & Interfaces, 2020, 12, 58360-58368.	8.0	25
63	Adversarial Feature Learning and Unsupervised Clustering Based Speech Synthesis for Found Data With Acoustic and Textual Noise. IEEE Signal Processing Letters, 2020, 27, 1730-1734.	3.6	8
64	Interfacial ion specificity modulates hydrophobic interaction. Journal of Colloid and Interface Science, 2020, 578, 135-145.	9.4	16
65	Fast Query-by-example Speech Search using Attention-based Deep Binary Embeddings. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, , 1-1.	5.8	8
66	Mining Effective Negative Training Samples for Keyword Spotting. , 2020, , .		11
67	Improving Adversarial Neural Machine Translation for Morphologically Rich Language. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 417-426.	4.9	7
68	Electrochemical investigation of the interactions of organic and inorganic depressants on basal and edge planes of molybdenite. Journal of Colloid and Interface Science, 2020, 570, 350-361.	9.4	22
69	Effective Wavenet Adaptation for Voice Conversion with Limited Data. , 2020, , .		4
70	Understanding the Interaction Mechanism between Elemental Selenium and Ferric Hydroxide in Wastewater Treatment. Industrial & Engineering Chemistry Research, 2020, 59, 6662-6671.	3.7	7
71	Time-Domain Neural Network Approach for Speech Bandwidth Extension. , 2020, , .		8
72	Probing the Interaction Mechanism between Benzohydroxamic Acid and Mineral Surface in the Presence of Pb^{2+} Ions by AFM Force Measurements and First-Principles Calculations. Langmuir, 2020, 36, 8199-8208.	3.5	24

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73	The complete chloroplast genome of Distylium tsiangii Chun ex Walker, a rare and endangered plant. Mitochondrial DNA Part B: Resources, 2020, 5, 430-431.	0.4	1
74	On the localness modeling for the self-attention based end-to-end speech synthesis. Neural Networks, 2020, 125, 121-130.	5.9	23
75	Novel sodium alginate-assisted MXene nanosheets for ultrahigh rejection of multiple cations and dyes. Journal of Colloid and Interface Science, 2020, 568, 36-45.	9.4	31
76	Recent Advances in the Quantification and Modulation of Hydrophobic Interactions for Interfacial Applications. Langmuir, 2020, 36, 2985-3003.	3.5	47
77	Probing the intermolecular interaction mechanisms between humic acid and different substrates with implications for its adsorption and removal in water treatment. Water Research, 2020, 176, 115766.	11.3	50
78	DC-TseNet: A Dual-Channel Time-Domain Speech Enhancement Network. , 2020, , .		0
79	Adversarial Regularization for Attention Based End-to-End Robust Speech Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 1826-1838.	5.8	18
80	Enhancing Hybrid Self-attention Structure with Relative-position-aware Bias for Speech Synthesis. , 2019, , .		8
81	Investigating End-to-end Speech Recognition for Mandarin-english Code-switching. , 2019, , .		39
82	Adversarial Examples for Improving End-to-end Attention-based Small-footprint Keyword Spotting. , 2019, , .		26
83	Region Proposal Network Based Small-Footprint Keyword Spotting. IEEE Signal Processing Letters, 2019, 26, 1471-1475.	3.6	12
84	A wet adhesion strategy <i>via</i> synergistic cation–π and hydrogen bonding interactions of antifouling zwitterions and mussel-inspired binding moieties. Journal of Materials Chemistry A, 2019, 7, 21944-21952.	10.3	66
85	Probing the Self-Assembly and Nonlinear Friction Behavior of Confined Gold Nano-Particles. Langmuir, 2019, 35, 15701-15709.	3.5	4
86	Probing effects of molecular-level heterogeneity of surface hydrophobicity on hydrophobic interactions in air/water/solid systems. Journal of Colloid and Interface Science, 2019, 557, 438-449.	9.4	29
87	Query-by-Example Speech Search Using Recurrent Neural Acoustic Word Embeddings With Temporal Context. IEEE Access, 2019, 7, 67656-67665.	4.2	11
88	Interfacial behavior and interaction mechanism of pentol/water interface stabilized with asphaltenes. Journal of Colloid and Interface Science, 2019, 553, 341-349.	9.4	31
89	Rational discovery of dual-indication multi-target PDE/Kinase inhibitor for precision anti-cancer therapy using structural systems pharmacology. PLoS Computational Biology, 2019, 15, e1006619.	3.2	37
90	Probing the interactions of hydroxamic acid and mineral surfaces: Molecular mechanism underlying the selective separation. Chemical Engineering Journal, 2019, 374, 123-132.	12.7	68

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91	Facile preparation of novel and active 2D nanosheets from non-layered and traditionally non-exfoliable earth-abundant materials. Journal of Materials Chemistry A, 2019, 7, 15411-15419.	10.3	28
92	Pre-Alignment Guided Attention for Improving Training Efficiency and Model Stability in End-to-End Speech Synthesis. IEEE Access, 2019, 7, 65955-65964.	4.2	23
93	Component Fusion: Learning Replaceable Language Model Component for End-to-end Speech Recognition System. , 2019, , .		40
94	Domain Adversarial Training for Improving Keyword Spotting Performance of ESL Speech. , 2019, , .		5
95	Dilemmatic Resource Governance: <i>China's Balancing Act to Share Rivers</i>. China and the World, 2019, 02, 1950004.	0.1	0
96	Hetero-difunctional Reagent with Superior Flotation Performance to Chalcopyrite and the Associated Surface Interaction Mechanism. Langmuir, 2019, 35, 4353-4363.	3.5	31
97	Learning Hierarchical Representations for Expressive Speaking Style in End-to-End Speech Synthesis. , 2019, , .		13
98	Time Domain Audio Visual Speech Separation. , 2019, , .		55
99	Espresso: A Fast End-to-End Neural Speech Recognition Toolkit. , 2019, , .		32
100	Improving Mandarin End-to-End Speech Synthesis by Self-Attention and Learnable Gaussian Bias. , 2019, , .		9
101	Virtual Adversarial Training for DS-CNN Based Small-Footprint Keyword Spotting. , 2019, , .		8
102	Exploring RNN-Transducer for Chinese speech recognition. , 2019, , .		8
103	Controlling Emotion Strength with Relative Attribute for End-to-End Speech Synthesis. , 2019, , .		20
104	Incremental Lattice Determinization for WFST Decoders. , 2019, , .		0
105	Database of adverse events associated with drugs and drug combinations. Scientific Reports, 2019, 9, 20025.	3.3	18
106	Probing the Molecular Interactions and Lubrication Mechanisms of Purified Full-Length Recombinant Human Proteoglycan 4 (rhPRG4) and Hyaluronic Acid (HA). Biomacromolecules, 2019, 20, 1056-1067.	5.4	20
107	Intermolecular and surface forces at solid/oil/water/gas interfaces in petroleum production. Journal of Colloid and Interface Science, 2019, 537, 505-519.	9.4	31
108	Understanding the stabilization mechanism of bitumen-coated fine solids in organic media from non-aqueous extraction of oil sands. Fuel, 2019, 242, 255-264.	6.4	30

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109	Novel Fe3O4 based superhydrophilic core-shell microspheres for breaking asphaltenes-stabilized water-in-oil emulsion. Chemical Engineering Journal, 2019, 358, 869-877.	12.7	67
110	Multiple fixed beamformers with a spacial Wiener-form postfilter for far-field speech recognition. , 2019, , .		2
111	Guest Editorial: Advances in Deep Learning for Speech Processing. Journal of Signal Processing Systems, 2018, 90, 959-961.	2.1	4
112	Probing Anisotropic Surface Properties and Surface Forces of Fluorite Crystals. Langmuir, 2018, 34, 2511-2521.	3.5	67
113	When do institutions work? A comparison of two water disputes over the Ganges, Brahmaputra and Meghna river basins. Water Policy, 2018, 20, 308-322.	1.5	2
114	Learning distributed sentence representations for story segmentation. Signal Processing, 2018, 142, 403-411.	3.7	5
115	Probing the Interaction Mechanism between Air Bubbles and Bitumen Surfaces in Aqueous Media Using Bubble Probe Atomic Force Microscopy. Langmuir, 2018, 34, 729-738.	3.5	49
116	A Bidirectional LSTM Approach with Word Embeddings for Sentence Boundary Detection. Journal of Signal Processing Systems, 2018, 90, 1063-1075.	2.1	13
117	Mismatched Diplomacy: Chinaâ€"India Water Relations Over the Gangesâ€"Brahmaputraâ€"Meghna River Basin. Journal of Contemporary China, 2018, 27, 32-46.	2.3	17
118	The Political Economy for Low-carbon Energy Transition in China: Towards a New Policy Paradigm?. New Political Economy, 2018, 23, 407-421.	4.4	37
119	Selective flotation separation of molybdenite and talc by humic substances. Minerals Engineering, 2018, 117, 34-41.	4.3	46
120	Can China lead in multilateral environmental negotiations? Internal politics, self-depiction, and Chinaâ€™s contribution in climate change regime and Mekong governance. Eurasian Geography and Economics, 2018, 59, 708-732.	2.6	18
121	A Refined Query-by-Example Approach to Spoken-Term-Detection on ESL learnersâ€™ Speech. , 2018, , .		1
122	Controlling Expressivity using Input Codes in Neural Network based TTS. , 2018, , .		2
123	Domain Adversarial Training for Accented Speech Recognition. , 2018, , .		51
124	Anisotropic Polymer Adsorption on Molybdenite Basal and Edge Surfaces and Interaction Mechanism With Air Bubbles. Frontiers in Chemistry, 2018, 6, 361.	3.6	29
125	Robust polymer nanofilms with bioengineering and environmental applications *via* facile and highly efficient covalent layer-by-layer assembly. Journal of Materials Chemistry B, 2018, 6, 3742-3750.	5.8	18
126	Food safety, agro-industries, and Chinaâ€™s international trade: A standard-based approach. China Information, 2018, 32, 400-422.	1.4	4

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127	Modulation of Hydrophobic Interaction by Mediating Surface Nanoscale Structure and Chemistry, not Monotonically by Hydrophobicity. Angewandte Chemie - International Edition, 2018, 57, 11903-11908.	13.8	62
128	Surface Interaction of Water-in-Oil Emulsion Droplets with Interfacially Active Asphaltenes. Langmuir, 2017, 33, 1265-1274.	3.5	110
129	Mapping the Nanoscale Heterogeneity of Surface Hydrophobicity on the Sphalerite Mineral. Journal of Physical Chemistry C, 2017, 121, 5620-5628.	3.1	55
130	An unsupervised deep domain adaptation approach for robust speech recognition. Neurocomputing, 2017, 257, 79-87.	5.9	110
131	Surface Forces and Interaction Mechanisms of Emulsion Drops and Gas Bubbles in Complex Fluids. Langmuir, 2017, 33, 3911-3925.	3.5	98
132	Interaction Mechanisms between Air Bubble and Molybdenite Surface: Impact of Solution Salinity and Polymer Adsorption. Langmuir, 2017, 33, 2353-2361.	3.5	67
133	Probing the Effect of Salinity and pH on Surface Interactions between Air Bubbles and Hydrophobic Solids: Implications for Colloidal Assembly at Air/Water Interfaces. Chemistry - an Asian Journal, 2017, 12, 1568-1577.	3.3	26
134	Sound image externalization for headphone based real-time 3D audio. Frontiers of Computer Science, 2017, 11, 419-428.	2.4	4
135	Online object tracking based on BLSTM-RNN with contextual-sequential labeling. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 861-870.	4.9	8
136	Octadecyltrichlorosilane Deposition on Mica Surfaces: Insights into the Interface Interaction Mechanism. Journal of Physical Chemistry B, 2017, 121, 3151-3161.	2.6	25
137	Pairwise learning using multi-lingual bottleneck features for low-resource query-by-example spoken term detection. , 2017, , .		15
138	Media computing and applications for immersive communications: recent advances. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 827-828.	4.9	0
139	Multitask Feature Learning for Low-Resource Query-by-Example Spoken Term Detection. IEEE Journal on Selected Topics in Signal Processing, 2017, 11, 1329-1339.	10.8	12
140	Introduction to special section on advances of orange technologies. Frontiers of Computer Science, 2017, 11, 407-407.	2.4	0
141	A hybrid neural network hidden Markov model approach for automatic story segmentation. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 925-936.	4.9	12
142	Modeling Latent Topics and Temporal Distance for Story Segmentation of Broadcast News. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 112-123.	5.8	13
143	Diplomatic water cooperation: the case of Sino-India dispute over Brahmaputra. International Environmental Agreements: Politics, Law and Economics, 2017, 17, 677-694.	2.9	11
144	Mechanistic Understanding of Asphaltene Surface Interactions in Aqueous Media. Energy & Fuels, 2017, 31, 3348-3357.	5.1	38

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145	Frequency-invariant differential microphone array design in the STFT domain. , 2017, , .		0
146	Statistical parametric speech synthesis using generative adversarial networks under a multi-task learning framework. , 2017, , .		19
147	Investigating LSTM for punctuation prediction. , 2016, , .		19
148	Investigating neural network based query-by-example keyword spotting approach for personalized wake-up word detection in Mandarin Chinese. , 2016, , .		15
149	A two-step flocculation process on oil sands tailings treatment using oppositely charged polymer flocculants. Science of the Total Environment, 2016, 565, 369-375.	8.0	66
150	Probing Surface Interactions of Electrochemically Active Galena Mineral Surface Using Atomic Force Microscopy. Journal of Physical Chemistry C, 2016, 120, 22433-22442.	3.1	48
151	Interactions between elemental selenium and hydrophilic/hydrophobic surfaces: Direct force measurements using AFM. Chemical Engineering Journal, 2016, 303, 646-654.	12.7	47
152	A deep bidirectional LSTM approach for video-realistic talking head. Multimedia Tools and Applications, 2016, 75, 5287-5309.	3.9	42
153	Longâ€Range Hydrophilic Attraction between Water and Polyelectrolyte Surfaces in Oil. Angewandte Chemie - International Edition, 2016, 55, 15017-15021.	13.8	103
154	Deep neural network derived bottleneck features for accurate audio classification. , 2016, , .		0
155	In situ probing the self-assembly of 3-hexyl-4-amino-1,2,4-triazole-5-thione on chalcopyrite surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 511, 285-293.	4.7	42
156	A bi-directional LSTM approach for polyphone disambiguation in Mandarin Chinese. , 2016, , .		11
157	Exemplar-based sparse representation of timbre and prosody for voice conversion. , 2016, , .		25
158	Guest Editorial: Immersive Audio/Visual Systems. Multimedia Tools and Applications, 2016, 75, 5047-5053.	3.9	0
159	Probing Interactions between Air Bubble and Hydrophobic Polymer Surface: Impact of Solution Salinity and Interfacial Nanobubbles. Langmuir, 2016, 32, 11236-11244.	3.5	63
160	Environmental governance and public participation in rural China. China Information, 2016, 30, 188-208.	1.4	26
161	Interaction Mechanism of Oil-in-Water Emulsions with Asphaltenes Determined Using Droplet Probe AFM. Langmuir, 2016, 32, 2302-2310.	3.5	124
162	A waveform representation framework for high-quality statistical parametric speech synthesis. , 2015, , .		2

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163	Non-negative matrix factorization using stable alternating direction method of multipliers for source separation. , 2015, , .		6
164	Externalization improvement in a real-time binaural sound image rendering system. , 2015, , .		1
165	Fundamental frequency modeling using wavelets for emotional voice conversion. , 2015, , .		21
166	Probing the Interaction between Air Bubble and Sphalerite Mineral Surface Using Atomic Force Microscope. Langmuir, 2015, 31, 2438-2446.	3.5	90
167	Measuring Forces and Spatiotemporal Evolution of Thin Water Films between an Air Bubble and Solid Surfaces of Different Hydrophobicity. ACS Nano, 2015, 9, 95-104.	14.6	164
168	Head motion synthesis from speech using deep neural networks. Multimedia Tools and Applications, 2015, 74, 9871-9888.	3.9	41
169	Topic modeling in multimedia: algorithms and applications. Soft Computing, 2015, 19, 1-2.	3.6	24
170	Topic segmentation on spoken documents using self-validated acoustic cuts. Soft Computing, 2015, 19, 47-59.	3.6	7
171	Multiple pedestrian tracking based on couple-states Markov chain with semantic topic learning for video surveillance. Soft Computing, 2015, 19, 85-97.	3.6	10
172	NestDE: generic parameters tuning for automatic story segmentation. Soft Computing, 2015, 19, 61-70.	3.6	1
173	Expressive talking avatar synthesis and animation. Multimedia Tools and Applications, 2015, 74, 9845-9848.	3.9	5
174	Effects of salinity on xanthate adsorption on sphalerite and bubble–sphalerite interactions. Minerals Engineering, 2015, 77, 34-41.	4.3	37
175	Photo-real talking head with deep bidirectional LSTM. , 2015, , .		71
176	Language independent query-by-example spoken term detection using N-best phone sequences and partial matching. , 2015, , .		14
177	The development of renewable heating policy in the United Kingdom. Renewable Energy, 2015, 75, 733-744.	8.9	34
178	A hybrid virtual bass system with improved phase vocoder and high efficiency. , 2014, , .		1
179	Multimodal joint information processing in human machine interaction: recent advances. Multimedia Tools and Applications, 2014, 73, 267-271.	3.9	9
180	A statistical parametric approach to video-realistic text-driven talking avatar. Multimedia Tools and Applications, 2014, 73, 377-396.	3.9	14

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181	Learning optimal features for music transcription. , 2014, , .		0
182	Probing Anisotropic Surface Properties and Interaction Forces of Chrysotile Rods by Atomic Force Microscopy and Rheology. Langmuir, 2014, 30, 10809-10817.	3.5	60
183	Experimental study on dereverberation and noise reduction for distant speech recognition. , 2014, , .		0
184	Numerical calculation of the head-related transfer functions with Chinese dummy head. , 2013, , .		3
185	Fast 3D audio image rendering using equalized and relative HRTFs. , 2013, , .		0
186	Measuring semantic similarity by contextualword connections in Chinese news story segmentation. , 2013, , .		5
187	A two layered data association approach for ball tracking. , 2013, , .		6
188	A tighter lower bound estimate for dynamic time warping. , 2013, , .		7
189	Dual-microphone based binary mask estimation for robust speaker verification. , 2012, , .		0
190	Acoustic TextTiling for story segmentation of spoken documents. , 2012, , .		14
191	Comprehensive comparison of the least mean square algorithm and the fast deconvolution algorithm for crosstalk cancellation. , 2012, , .		3
192	Broadcast News Story Segmentation Using Conditional Random Fields and Multimodal Features. IEICE Transactions on Information and Systems, 2012, E95.D, 1206-1215.	0.7	13
193	China's Environmental Activism in the Age of Globalization. Asian Politics and Policy, 2011, 3, 207-224.	0.9	40
194	Pitch-density-based features and an SVM binary tree approach for multi-class audio classification in broadcast news. Multimedia Systems, 2011, 17, 101-112.	4.7	29
195	Laplacian Eigenmaps for automatic news story segmentation. , 2010, , .		0
196	Environmental Movements and Political Opportunities: The Case of China. Social Movement Studies, 2010, 9, 51-68.	2.9	43
197	Speech and Auditory Interfaces for Ubiquitous, Immersive and Personalized Applications. , 2010, , .		0
198	Multi-modal feature integration for story boundary detection in broadcast news. , 2010, , .		4

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