Li Su

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9228729/publications.pdf

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36	406	1162889 8	1281743 11
papers	citations	h-index	g-index

36	36	36	214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wave-Shape Function Analysis. Journal of Fourier Analysis and Applications, 2018, 24, 451-505.	0.5	52
2	Combining Spectral and Temporal Representations for Multipitch Estimation of Polyphonic Music. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, 23, 1600-1612.	4.0	49
3	A Systematic Evaluation of the Bag-of-Frames Representation for Music Information Retrieval. IEEE Transactions on Multimedia, 2014, 16, 1188-1200.	5.2	36
4	Vocal Melody Extraction Using Patch-Based CNN. , 2018, , .		30
5	A Streamlined Encoder/decoder Architecture for Melody Extraction. , 2019, , .		25
6	Multi-Instrument Automatic Music Transcription With Self-Attention-Based Instance Segmentation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 2796-2809.	4.0	25
7	Sparse Modeling of Magnitude and Phase-Derived Spectra for Playing Technique Classification. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 2122-2132.	4.0	16
8	Temporally Guided Music-to-Body-Movement Generation. , 2020, , .		16
9	Dual-layer bag-of-frames model for music genre classification. , 2013, , .		15
10	Polyphonic Music Transcription with Semantic Segmentation. , 2019, , .		14
11	Monaural Music Source Separation Using Convolutional Sparse Coding. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 2158-2170.	4.0	13
12	Play as You Like: Timbre-Enhanced Multi-Modal Music Style Transfer. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 1061-1068.	3.6	13
13	Between homomorphic signal processing and deep neural networks: Constructing deep algorithms for polyphonic music transcription. , 2017, , .		11
14	ReconVAT: A Semi-Supervised Automatic Music Transcription Framework for Low-Resource Real-World Data. , 2021, , .		10
15	Omnizart: A General Toolbox for Automatic Music Transcription. Journal of Open Source Software, 2021, 6, 3391.	2.0	9
16	Automatic Music Transcription Leveraging Generalized Cepstral Features and Deep Learning. , 2018, , .		8
17	Monaural Source Separation Using Ramanujan Subspace Dictionaries. IEEE Signal Processing Letters, 2018, 25, 1156-1160.	2.1	8
18	Sparse cepstral codes and power scale for instrument identification. , 2014, , .		7

#	Article	IF	Citations
19	Escaping from the Abyss of Manual Annotation: New Methodology of Building Polyphonic Datasets for Automatic Music Transcription. Lecture Notes in Computer Science, 2016, , 309-321.	1.0	7
20	Musical Onset Detection Using Constrained Linear Reconstruction. IEEE Signal Processing Letters, 2015, 22, 2142-2146.	2.1	5
21	Singing Voice Correction Using Canonical Time Warping. , 2018, , .		5
22	Body Movement Generation for Expressive Violin Performance Applying Neural Networks. , 2020, , .		5
23	Highlighting root notes in chord recognition using cepstral features and multi-task learning. , 2016, , .		4
24	Automatic conversion of Pop music into chiptunes for 8-bit pixel art. , 2017, , .		3
25	Polyphonic piano note transcription with non-negative matrix factorization of differential spectrogram. , 2017, , .		3
26	MULTI-LAYERED CEPSTRUM FOR INSTANTANEOUS FREQUENCY ESTIMATION. , 2018, , .		3
27	Multi-Modal Deep Learning-Based Violin Bowing Action Recognition. , 2020, , .		3
28	Analyzing the dictionary properties and sparsity constraints for a dictionary-based music genre classification system. , 2013, , .		2
29	Deep Learning Models for Melody Perception: An Investigation on Symbolic Music Data. , 2018, , .		2
30	Establishment of a Music Care System for the Elderly in a Long-term Care Facility. , 2019, , .		2
31	A Human-Computer Duet System for Music Performance. , 2020, , .		2
32	Multi-pitch streaming of interwoven streams. , 2017, , .		1
33	Online Music Performance Tracking Using Parallel Dynamic Time Warping. , 2018, , .		1
34	The Musical Schemagram: Time-scale Visualization of Repeated Patterns in Music. , 2018, , .		1
35	Timbre-enhanced Multi-modal Music Style Transfer with Domain Balance Loss. , 2020, , .		0
36	An Interactive Automatic Violin Fingering Recommendation Interface. , 2021, , .		0