

Eita Nakamura

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rhythm Transcription of Polyphonic Piano Music Based on Merged-Output HMM for Multiple Voices. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 794-806.	5.8	25
2	Statistical learning and estimation of piano fingering. Information Sciences, 2020, 517, 68-85.	6.9	22
3	Towards Complete Polyphonic Music Transcription: Integrating Multi-Pitch Detection and Rhythm Quantization. , 2018, , .		21
4	Automatic Singing Transcription Based on Encoder-decoder Recurrent Neural Networks with a Weakly-supervised Attention Mechanism. , 2019, , .		17
5	Statistical Evolutionary Laws in Music Styles. Scientific Reports, 2019, 9, 15993.	3.3	17
6	Bayesian Multichannel Audio Source Separation Based on Integrated Source and Spatial Models. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 831-846.	5.8	15
7	Generative statistical models with self-emergent grammar of chord sequences. Journal of New Music Research, 2018, 47, 226-248.	0.8	14
8	Non-local musical statistics as guides for audio-to-score piano transcription. Information Sciences, 2021, 566, 262-280.	6.9	11
9	Statistical piano reduction controlling performance difficulty. APSIPA Transactions on Signal and Information Processing, 2018, 7, .	3.3	10
10	Outer-Product Hidden Markov Model and Polyphonic MIDI Score Following. Journal of New Music Research, 2014, 43, 183-201.	0.8	9
11	Audio-to-score singing transcription based on a CRNN-HSMM hybrid model. APSIPA Transactions on Signal and Information Processing, 2021, 10, .	3.3	8
12	A Stochastic Temporal Model of Polyphonic MIDI Performance with Ornaments. Journal of New Music Research, 2015, 44, 287-304.	0.8	7
13	Rhythm transcription of MIDI performances based on hierarchical Bayesian modelling of repetition and modification of musical note patterns. , 2016, , .		6
14	Unsupervised Melody Style Conversion. , 2019, , .		6
15	Bayesian Melody Harmonization Based on a Tree-Structured Generative Model of Chord Sequences and Melodies. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1644-1655.	5.8	6
16	Note Value Recognition for Piano Transcription Using Markov Random Fields. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 1846-1858.	5.8	4
17	End-To-End Melody Note Transcription Based on a Beat-Synchronous Attention Mechanism. , 2019, , .		4
18	Bayesian Singing Transcription Based on a Hierarchical Generative Model of Keys, Musical Notes, and FO Trajectories. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1678-1691.	5.8	4

#	ARTICLE	IF	CITATIONS
19	Probabilistic Sequential Patterns for Singing Transcription. , 2018, , .		3
20	Musical rhythm transcription based on Bayesian piece-specific score models capturing repetitions. Information Sciences, 2021, 572, 482-500.	6.9	2
21	Semi-Supervised Neural Chord Estimation Based on a Variational Autoencoder With Latent Chord Labels and Features. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 2956-2966.	5.8	2
22	Chord-aware automatic music transcription based on hierarchical Bayesian integration of acoustic and language models. APSIPA Transactions on Signal and Information Processing, 2018, 7, .	3.3	1
23	Conjugate distribution laws in cultural evolution via statistical learning. Physical Review E, 2021, 104, 034309.	2.1	1
24	Characteristics of Polyphonic Music Style and Markov Model of Pitch-Class Intervals. Lecture Notes in Computer Science, 2015, , 109-114.	1.3	1
25	Audio-Visual Beat Tracking Based on a State-Space Model for a Robot Dancer Performing with a Human Dancer. Journal of Robotics and Mechatronics, 2017, 29, 125-136.	1.0	1
26	Multi-Step Chord Sequence Prediction Based On Aggregated Multi-Scale Encoder-Decoder Networks. , 2019, , .		0
27	Chord Function Identification with Modulation Detection Based on HMM. Lecture Notes in Computer Science, 2021, , 166-178.	1.3	0