

Umut Simsekli

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

187
citations

1937685

4
h-index

1720034

7
g-index

20
all docs

20
docs citations

20
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	A generative model for non-Intrusive load monitoring in commercial buildings. Energy and Buildings, 2018, 177, 268-278.	6.7	37
2	Alpha-Stable Matrix Factorization. IEEE Signal Processing Letters, 2015, 22, 2289-2293.	3.6	27
3	Speech Enhancement with Variational Autoencoders and Alpha-stable Distributions. , 2019, , .		23
4	Groove2Groove: One-Shot Music Style Transfer With Supervision From Synthetic Data. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 2638-2650.	5.8	20
5	Alpha-stable multichannel audio source separation. , 2017, , .		14
6	Score guided audio restoration via generalised coupled tensor factorisation. , 2012, , .		13
7	Independent-Variation Matrix Factorization With Application to Energy Disaggregation. IEEE Signal Processing Letters, 2019, 26, 1643-1647.	3.6	9
8	Automatic Music Genre Classification Using Bass Lines. , 2010, , .		8
9	Learning mixed divergences in coupled matrix and tensor factorization models. , 2015, , .		7
10	Probabilistic latent tensor factorization framework for audio modeling. , 2011, , .		6
11	Self-Supervised VQ-VAE for One-Shot Music Style Transfer. , 2021, , .		5
12	Multichannel Audio Modeling with Elliptically Stable Tensor Decomposition. Lecture Notes in Computer Science, 2018, , 13-23.	1.3	5
13	Markov Chain Monte Carlo inference for probabilistic latent tensor factorization. , 2012, , .		4
14	Hierarchical and coupled non-negative dynamical systems with application to audio modeling. , 2013, , .		3
15	Non-negative source-filter dynamical system for speech enhancement. , 2014, , .		3
16	Probabilistic Models for Real-time Acoustic Event Detection with Application to Pitch Tracking. Journal of New Music Research, 2011, 40, 175-185.	0.8	1
17	Randomized Matrix Decompositions and Exemplar Selection in Large Dictionaries for Polyphonic Piano Transcription. Journal of New Music Research, 2014, 43, 255-265.	0.8	1
18	Matrix Factorization for High Frequency Non Intrusive Load Monitoring. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Combined perception and control for timing in robotic music performances. Eurasip Journal on Audio, Speech, and Music Processing, 2012, 2012, .	2.1	0
20	Section-level modeling of musical audio for linking performances to scores in Turkish makam music. , 2015, , .		0