Alexander Lerch

List of Publications by Year
in descending order

28 papers	447 citations	1307594 7 h-index	1199594 12 g-index
34 all docs	34 docs citations	34 times ranked	312 citing authors

#	Article	IF	Citations
1	Latte: Cross-framework Python package for evaluation of latent-based generative models. Software Impacts, 2022, 11, 100222.	1.4	1
2	libACA, pyACA, and ACA-Code: Audio content analysis in 3 languages. Software Impacts, 2022, 13, 100349.	1.4	0
3	An adaptive particle swarm optimizer with decoupled exploration and exploitation for large scale optimization. Swarm and Evolutionary Computation, 2021, 60, 100789.	8.1	57
4	Attribute-based regularization of latent spaces for variational auto-encoders. Neural Computing and Applications, 2021, 33, 4429-4444.	5.6	12
5	Mind the Beat: Detecting Audio Onsets from EEG Recordings of Music Listening. , 2021, , .		1
6	Machine Learning Applied to Music/Audio Signal Processing. Electronics (Switzerland), 2021, 10, 3077.	3.1	3
7	On the evaluation of generative models in music. Neural Computing and Applications, 2020, 32, 4773-4784.	5.6	67
8	An Interdisciplinary Review of Music Performance Analysis. Transactions of the International Society for Music Information Retrieval, 2020, 3, 221-245.	1.5	13
9	Melody-Conditioned Lyrics Generation with SeqGANs. , 2020, , .		4
10	Remixing Music with Visual Conditioning. , 2020, , .		2
11	Improving Singing Voice Separation Using Attribute-Aware Deep Network. , 2019, , .		4
12	Tuning Frequency Dependency in Music Classification. , 2019, , .		2
13	Learning Strategies for Voice Disorder Detection. , 2019, , .		4
14	Improving Singing Voice Separation Using Attribute-Aware Deep Network. , 2019, , .		1
15	Evaluation of Feature Learning Methods for Voice Disorder Detection. International Journal of Semantic Computing, 2019, 13, 453-470.	0.5	0
16	Learned Features for the Assessment of Percussive Music Performances. , 2018, , .		4
17	Assessment of Percussive Music Performances with Feature Learning. International Journal of Semantic Computing, 2018, 12, 315-333.	0.5	5
18	Assessment of Student Music Performances Using Deep Neural Networks. Applied Sciences (Switzerland), 2018, 8, 507.	2.5	26

#	Article	IF	Citations
19	A Review of Automatic Drum Transcription. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 1457-1483.	5.8	27
20	Music Information Retrieval in Live Coding: A Theoretical Framework. Computer Music Journal, 2018, 42, 9-25.	0.1	9
21	Learning to Fuse Music Genres with Generative Adversarial Dual Learning. , 2017, , .		6
22	An Unsupervised Approach to Anomaly Detection in Music Datasets. , 2016, , .		6
23	Drum transcription using partially fixed non-negative matrix factorization. , 2015, , .		7
24	On the perceptual relevance of objective source separation measures for singing voice separation. , 2015, , .		4
25	Strategies for orca call retrieval to support collaborative annotation of a large archive. , 2011, , .		1
26	Evaluation of Features for Audio-to-Audio Alignment. Journal of New Music Research, 2011, 40, 27-41.	0.8	18
27	Bitratenreduktion. , 2008, , 849-884.		2
28	Deep reinforcement learning for urban multi-taxis cruising strategy. Neural Computing and Applications, 0, , .	5.6	0