

Yan-Hui Tu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/105240/publications.pdf>

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9
papers

260
citations

1684188

5
h-index

2053705

5
g-index

9
all docs

9
docs citations

9
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	A Regression Approach to Single-Channel Speech Separation Via High-Resolution Deep Neural Networks. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 1424-1437.	5.8	74
2	Speech Enhancement Based on Teacher-Student Deep Learning Using Improved Speech Presence Probability for Noise-Robust Speech Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 2080-2091.	5.8	68
3	Speech separation based on improved deep neural networks with dual outputs of speech features for both target and interfering speakers. , 2014, , .		45
4	An iterative mask estimation approach to deep learning based multi-channel speech recognition. Speech Communication, 2019, 106, 31-43.	2.8	18
5	A Hybrid Approach to Combining Conventional and Deep Learning Techniques for Single-Channel Speech Enhancement and Recognition. , 2018, , .		17
6	A Multi-Target SNR-Progressive Learning Approach to Regression Based Speech Enhancement. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1608-1619.	5.8	14
7	Dilated Nested Arrays With More Degrees of Freedom (DOFs) and Less Mutual Coupling-Part I: The Fundamental Geometry. IEEE Transactions on Signal Processing, 2022, 70, 2518-2531.	5.3	12
8	A Progressive Learning Approach to Adaptive Noise and Speech Estimation for Speech Enhancement and Noisy Speech Recognition. , 2021, , .		9
9	DNN Training Based on Classic Gain Function for Single-channel Speech Enhancement and Recognition. , 2019, , .		3