

# Sheng Xiang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Gated Adaptive Hierarchical Attention Unit Neural Networks for the Life Prediction of Servo Motors. IEEE Transactions on Industrial Electronics, 2022, 69, 9451-9461.	5.2	13
2	Spatiotemporally Multidifferential Processing Deep Neural Network and its Application to Equipment Remaining Useful Life Prediction. IEEE Transactions on Industrial Informatics, 2022, 18, 7230-7239.	7.2	23
3	Automatic multi-differential deep learning and its application to machine remaining useful life prediction. Reliability Engineering and System Safety, 2022, 223, 108531.	5.1	24
4	Gated Dual Attention Unit Neural Networks for Remaining Useful Life Prediction of Rolling Bearings. IEEE Transactions on Industrial Informatics, 2021, 17, 6438-6447.	7.2	128
5	Multicellular LSTM-based deep learning model for aero-engine remaining useful life prediction. Reliability Engineering and System Safety, 2021, 216, 107927.	5.1	90
6	Macroscopicâ€Microscopic Attention in LSTM Networks Based on Fusion Features for Gear Remaining Life Prediction. IEEE Transactions on Industrial Electronics, 2020, 67, 10865-10875.	5.2	140
7	Long short-term memory neural network with weight amplification and its application into gear remaining useful life prediction. Engineering Applications of Artificial Intelligence, 2020, 91, 103587.	4.3	98
8	LSTM networks based on attention ordered neurons for gear remaining life prediction. ISA Transactions, 2020, 106, 343-354.	3.1	62