

# Jiufei Luo

## List of Publications by Year in descending order

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27  
papers

338  
citations

1040056

9  
h-index

839539

18  
g-index

27  
all docs

27  
docs citations

27  
times ranked

282  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Inductive Sensor Based Multi-Least-Mean-Square Adaptive Weighting Filtering for Debris Feature Extraction. IEEE Transactions on Industrial Electronics, 2023, 70, 3115-3125.	7.9	4
2	Intelligent network vehicle driving risk field modeling and path planning for autonomous obstacle avoidance. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 8621-8634.	2.1	8
3	Wear Debris Segmentation of Reflection Ferrograms Using Lightweight Residual U-Net. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	9
4	A Ferromagnetic Wear Particle Sensor Based on a Rotational Symmetry High-Gradient Magnetostatic Field. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	16
5	Collision Warning System Based on Potential Energy Field Model under Dynamic Conditions. , 2021, , .		1
6	An improved phase interpolation estimator. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 382-388.	1.4	0
7	Research on Active Obstacle Avoidance Control Strategy for Intelligent Vehicle Based on Active Safety Collaborative Control. IEEE Access, 2020, 8, 183736-183748.	4.2	14
8	Characteristics and Superposition Regularity of Aliasing Signal of an Inductive Debris Sensor Based on a High-Gradient Magnetic Field. IEEE Sensors Journal, 2020, 20, 10071-10078.	4.7	11
9	Segmentation of Online Ferrograph Images with Strong Interference Based on Uniform Discrete Curvelet Transformation. Sensors, 2019, 19, 1546.	3.8	3
10	An Inductive Debris Sensor for a Large-Diameter Lubricating Oil Circuit Based on a High-Gradient Magnetic Field. Applied Sciences (Switzerland), 2019, 9, 1546.	2.5	40
11	Informative Sensor Selection and Health Indicator Construction for Aircraft Engines Prognosis. , 2019, , .		1
12	Rolling bearing fault diagnosis method based on dispersion entropy and SVM. , 2019, , .		7
13	An Inductive Particle Detector Debris Sensor Based on Multiple Excitation Coils. , 2019, , .		0
14	Incipient fault detection of rolling bearing using maximum autocorrelation impulse harmonic to noise deconvolution and parameter optimized fast EEMD. ISA Transactions, 2019, 89, 256-271.	5.7	60
15	An Inductive Debris Sensor Based on a High-Gradient Magnetic Field. IEEE Sensors Journal, 2019, 19, 2879-2886.	4.7	49
16	Learning from Demonstration: Dynamical Movement Primitives Based Reusable Suturing Skill Modelling Method. , 2018, , .		4
17	Design and Simulation of a Self-Calibration Based High Precision Angular Displacement Sensor. , 2018, , .		1
18	Barycenter Theorem in Phase Characteristics of Symmetric and Asymmetric Windows. Symmetry, 2018, 10, 329.	2.2	1

#	ARTICLE	IF	CITATIONS
19	Application of the phase difference correct method in rolling bearing fault diagnosis. Journal of Algorithms and Computational Technology, 2017, 11, 378-387.	0.7	3
20	Research on choices of spectral bins in energy-based frequency estimators under intensive noise. Journal of Algorithms and Computational Technology, 2017, 11, 336-344.	0.7	2
21	Incipient Fault Feature Extraction of Rolling Bearings Using Autocorrelation Function Impulse Harmonic to Noise Ratio Index Based SVD and Teager Energy Operator. Applied Sciences (Switzerland), 2017, 7, 1117.	2.5	21
22	A comparative study of interpolation discrete fourier transform algorithms under strong noise. , 2016, , .		0
23	Generalization of interpolation DFT algorithms and frequency estimators with high image component interference rejection. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.7	8
24	Interpolated DFT algorithms with zero padding for classic windows. Mechanical Systems and Signal Processing, 2016, 70-71, 1011-1025.	8.0	25
25	Asymmetric Windows and Their Application in Frequency Estimation. Journal of Algorithms and Computational Technology, 2015, 9, 389-412.	0.7	10
26	Frequency estimation of the weighted real tones or resolved multiple tones by iterative interpolation DFT algorithm. , 2015, 41, 118-129.		20
27	Phase difference methods based on asymmetric windows. Mechanical Systems and Signal Processing, 2015, 54-55, 52-67.	8.0	20