

Kai Zheng

List of Publications by Year in descending order

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18
papers

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citations

933447

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19
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19
docs citations

19
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	Motor Imagery Classification via Kernel-Based Domain Adaptation on an SPD Manifold. Brain Sciences, 2022, 12, 659.	2.3	5
2	Sparse Elitist Group Lasso Denoising in Frequency Domain for Bearing Fault Diagnosis. IEEE Transactions on Industrial Informatics, 2021, 17, 4681-4691.	11.3	46
3	A synergetic strategy based on laser surface texturing and lubricating grease for improving the tribological and electrical properties of Ag coating under current-carrying friction. Friction, 2021, 9, 978-989.	6.4	17
4	Thermal error prediction of machine tool spindle using segment fusion LSSVM. International Journal of Advanced Manufacturing Technology, 2021, 116, 99-114.	3.0	19
5	Simultaneously Low Rank and Group Sparse Decomposition for Rolling Bearing Fault Diagnosis. Sensors, 2020, 20, 5541.	3.8	5
6	Aircraft Engine Prognostics Based on Informative Sensor Selection and Adaptive Degradation Modeling with Functional Principal Component Analysis. Sensors, 2020, 20, 920.	3.8	16
7	A group sparse representation method in frequency domain with adaptive parameters optimization of detecting incipient rolling bearing fault. Journal of Sound and Vibration, 2019, 462, 114931.	3.9	31
8	Informative Sensor Selection and Health Indicator Construction for Aircraft Engines Prognosis. , 2019, , .		1
9	Wear Particle Chain Segmentation Based on the Nearest Neighbor Method. , 2019, , .		0
10	Faults diagnosis of rolling bearings based on shift invariant K-singular value decomposition with sensitive atom nonlocal means enhancement. Measurement: Journal of the International Measurement Confederation, 2019, 135, 836-851.	5.0	16
11	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
12	Learning from Demonstration: Dynamical Movement Primitives Based Reusable Suturing Skill Modelling Method. , 2018, , .		4
13	Faults Diagnosis of Rolling Bearings Based on Adaptive Fault Frequency Band Detection. , 2018, , .		1
14	Barycenter Theorem in Phase Characteristics of Symmetric and Asymmetric Windows. Symmetry, 2018, 10, 329.	2.2	1
15	Diaphragm Based Fiber Bragg Grating Acceleration Sensor with Temperature Compensation. Sensors, 2017, 17, 218.	3.8	61
16	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
17	Fault Diagnosis for Supporting Rollers of the Rotary Kiln Using the Dynamic Model and Empirical Mode Decomposition. Mechanika, 2016, 22, .	0.5	1
18	A non-contact fiber Bragg grating vibration sensor. Review of Scientific Instruments, 2014, 85, 015002.	1.3	26