

Jian Chen

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

220
citations

1163117

8
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved automated diagnosis of misfire in internal combustion engines based on simulation models. Mechanical Systems and Signal Processing, 2015, 64-65, 58-83.	8.0	48
2	Advanced diagnostic system for piston slap faults in IC engines, based on the non-stationary characteristics of the vibration signals. Mechanical Systems and Signal Processing, 2016, 75, 434-454.	8.0	37
3	Intelligent diagnosis of bearing knock faults in internal combustion engines using vibration simulation. Mechanism and Machine Theory, 2016, 104, 161-176.	4.5	36
4	Effect of system parameters on the size distributions of hollow nickel microspheres produced by an ultrasound-aided electrical discharge machining process. Particulogy, 2014, 17, 36-41.	3.6	19
5	The formation mechanism and morphology of the nickel particles by the ultrasound-aided spark discharge in different liquid media. Advanced Powder Technology, 2016, 27, 2399-2408.	4.1	15
6	Product functional information based automatic patent classification: Method and experimental studies. Information Systems, 2017, 67, 71-82.	3.6	14
7	Artificial Neural Network Based Fault Diagnosis of IC Engines. Key Engineering Materials, 2012, 518, 47-56.	0.4	12
8	Modelling and diagnosis of big-end bearing knock fault in internal combustion engines. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2014, 228, 2973-2984.	2.1	10
9	Simultaneous optimisation of fuel consumption and emissions for a parallel hybrid electric SUV using fuzzy logic control. International Journal of Vehicle Design, 2008, 46, 204.	0.3	8
10	A method of implementing formalized multidisciplinary collaboration in product conceptual design process. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 3342-3357.	2.1	7
11	Experimental Study on the Associations Among Sketches Based on Design Cognition. Journal of Mechanical Design, Transactions of the ASME, 2018, 140, .	2.9	6
12	Experimental investigation of a new two-microphone method for the determination of broadband noise radiation from ducts. Applied Acoustics, 2017, 117, 66-75.	3.3	4
13	A new design knowledge retrieval model based on granularity and clustering theories. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 1540-1559.	2.1	4
14	NUMERICAL STUDY ON THE EFFECTS OF THE NUMBER AND GEOMETRIES OF DRUG-ELUTING STENT LINKS ON THE DRUG CONCENTRATION. Journal of Mechanics in Medicine and Biology, 2014, 14, 1450077.	0.7	0
15	Model Based Automated Diagnosis of Bearing Knock Faults in Internal Combustion Engines. Mechanisms and Machine Science, 2015, , 497-507.	0.5	0
16	Sound Transmission Loss of Movable Double-leaf Partition Wall. Advanced Concurrent Engineering, 2008, , 163-172.	0.2	0