Shengfeng Qin

List of Publications by Year
in descending order

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54	1,315	586496 16	425179 34
papers	citations	h-index	g-index

54	54	54	1108
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Product design lifecycle information model (PDLIM). International Journal of Advanced Manufacturing Technology, 2022, 118, 2311-2337.	1.5	13
2	Product-service system engineering characteristics design for life cycle cost based on constraint satisfaction problem and Bayesian network. Advanced Engineering Informatics, 2022, 52, 101573.	4.0	16
3	A filtering genetic programming framework for stochastic resource constrained multi-project scheduling problem under new project insertions. Expert Systems With Applications, 2022, 198, 116911.	4.4	13
4	A two-stage genetic programming framework for Stochastic Resource Constrained Multi-Project Scheduling Problem under New Project Insertions. Applied Soft Computing Journal, 2022, 124, 109087.	4.1	2
5	How to model and implement connections between physical and virtual models for digital twin application. Journal of Manufacturing Systems, 2021, 58, 36-51.	7.6	104
6	A hyper-heuristic based ensemble genetic programming approach for stochastic resource constrained project scheduling problem. Expert Systems With Applications, 2021, 167, 114174.	4.4	21
7	How to extract traditional cultural design elements from a set of images of cultural relics based on F-AHP and entropy. Multimedia Tools and Applications, 2021, 80, 5833-5856.	2.6	9
8	Bi-level dynamic scheduling architecture based on service unit digital twin agents. Journal of Manufacturing Systems, 2021, 60, 59-79.	7.6	35
9	User experience evaluation method based on online product reviews. Journal of Intelligent and Fuzzy Systems, 2021, 41, 1791-1805.	0.8	11
10	Integrating crowd-/service-sourcing into digital twin for advanced manufacturing service innovation. Advanced Engineering Informatics, 2021, 50, 101422.	4.0	24
11	A Review of Emotion Recognition Methods From Keystroke, Mouse, and Touchscreen Dynamics. IEEE Access, 2021, 9, 162197-162213.	2.6	11
12	Progressive modelling of feature-centred product family development. International Journal of Production Research, 2020, 58, 3701-3723.	4.9	10
13	Environment interaction model-driven smart products through-life design framework. International Journal of Computer Integrated Manufacturing, 2020, 33, 360-376.	2.9	11
14	A systematic literature review of product platform design under uncertainty. Journal of Engineering Design, 2020, 31, 266-296.	1.1	22
15	Tolerance Zone-Based Grouping Method for Online Multiple Overtracing Freehand Sketches. Mathematical Problems in Engineering, 2020, 2020, 1-12.	0.6	0
16	Optimization method for systematically improving non-contact R test accuracy. International Journal of Advanced Manufacturing Technology, 2020, 107, 1697-1711.	1.5	6
17	A workpiece registration and localization adjustment method with contact inspection under multi-tolerance conditions. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2019, 233, 1653-1662.	1.5	6
18	Research on priority rules for the stochastic resource constrained multi-project scheduling problem with new project arrival. Computers and Industrial Engineering, 2019, 137, 106060.	3.4	29

#	Article	IF	Citations
19	Customization design method for complex product systems based on a meta-model. Advances in Mechanical Engineering, 2019, 11, 168781401988220.	0.8	9
20	Key Crowdsourcing Technologies for Product Design and Development. International Journal of Automation and Computing, 2019, 16, 1-15.	4.5	24
21	Review of job shop scheduling research and its new perspectives under Industry 4.0. Journal of Intelligent Manufacturing, 2019, 30, 1809-1830.	4.4	326
22	Identification of key design characteristics for complex product adaptive design. International Journal of Advanced Manufacturing Technology, 2018, 95, 1215-1231.	1.5	17
23	Exploring product design quality control and assurance under both traditional and crowdsourcing-based design environments. Advances in Mechanical Engineering, 2018, 10, 168781401881439.	0.8	15
24	A Systematic Optimization Design Method for Complex Mechatronic Products Design and Development. Mathematical Problems in Engineering, 2018, 2018, 1-14.	0.6	6
25	Future Digital Design and Manufacturing: Embracing Industry 4.0 and Beyond. Chinese Journal of Mechanical Engineering (English Edition), 2017, 30, 1047-1049.	1.9	18
26	Exploring Challenges in Developing a Smart and Effective Assistive System for Improving the Experience of the Elderly Drivers. Chinese Journal of Mechanical Engineering (English Edition), 2017, 30, 1133-1149.	1.9	6
27	Transforming Multidisciplinary Customer Requirements to Product Design Specifications. Chinese Journal of Mechanical Engineering (English Edition), 2017, 30, 1069-1080.	1.9	12
28	Special Issue on Future Digital Design and Manufacturing: Embracing Industry 4.0 and Beyond-Part II. Chinese Journal of Mechanical Engineering (English Edition), 2017, 30, 1045-1046.	1.9	2
29	Design Change Model for Effective Scheduling Change Propagation Paths. Chinese Journal of Mechanical Engineering (English Edition), 2017, 30, 1081-1090.	1.9	11
30	Exploring barriers and opportunities in adopting crowdsourcing based new product development in manufacturing SMEs. Chinese Journal of Mechanical Engineering (English Edition), 2016, 29, 1052-1066.	1.9	40
31	Special issue on future digital design and manufacturing: Embracing industry 4.0 and beyond. Chinese Journal of Mechanical Engineering (English Edition), 2016, 29, 1045-1045.	1.9	10
32	A new conceptual design method to support rapid and effective mapping from product design specification to concept design. International Journal of Advanced Manufacturing Technology, 2016, 87, 2375-2389.	1.5	29
33	Exploring local regularities for 3D object recognition. Chinese Journal of Mechanical Engineering (English Edition), 2016, 29, 1104-1113.	1.9	3
34	Prediction of cutting force and surface roughness using Taguchi technique for aluminum alloy AA6061. Australian Journal of Mechanical Engineering, 2016, 14, 151-160.	1.5	3
35	Wireless device connection problems and design solutions. Chinese Journal of Mechanical Engineering (English Edition), 2016, 29, 1145-1155.	1.9	3
36	Collaborative simulation method with spatiotemporal synchronization process control. Chinese Journal of Mechanical Engineering (English Edition), 2016, 29, 1074-1082.	1.9	4

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37	Cultural-based visual expression: emotional analysis of human face via Peking Opera Painted Faces (POPF). Multimedia Tools and Applications, 2016, 75, 11865-11891.	2.6	3
38	New grouping and fitting methods for interactive overtraced sketches. Visual Computer, 2014, 30, 285-297.	2.5	9
39	A new extracting algorithm of k nearest neighbors searching for point clouds. Pattern Recognition Letters, 2014, 49, 162-170.	2.6	14
40	The research of surface waviness control method for 5-axis flank milling. International Journal of Advanced Manufacturing Technology, 2013, 69, 835-847.	1.5	5
41	Integration of sketch-based conceptual design and commercial CAD systems for manufacturing. International Journal of Advanced Manufacturing Technology, 2013, 68, 2669-2681.	1.5	5
42	Instant 3D design concept generation and visualization by real-time hand gesture recognition. Computers in Industry, 2013, 64, 785-797.	5.7	35
43	Geometric error model and measuring method based on worktable for five-axis machine tools. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2013, 227, 32-44.	1.5	21
44	Research of design and analysis integrated information modeling framework for multibody mechanical system: with its application in the LHD design. International Journal of Advanced Manufacturing Technology, 2013, 66, 2107-2122.	1.5	7
45	Computer-integrated manufacturing system for tube bending. International Journal of Computer Integrated Manufacturing, 2012, 25, 1059-1068.	2.9	6
46	On generating realistic avatars: dress in your own style. Multimedia Tools and Applications, 2012, 59, 973-990.	2.6	4
47	Integrated geometric error modeling, identification and compensation of CNC machine tools. International Journal of Machine Tools and Manufacture, 2012, 52, 24-29.	6.2	271
48	Subdivision surface modeling for spiral bevel gear manufacturing. International Journal of Advanced Manufacturing Technology, 2011, 53, 63-70.	1.5	8
49	Generating 3D architectural models based on hand motion and gesture. Computers in Industry, 2009, 60, 677-685.	5.7	13
50	Radar target recognition based on the multi-resolution analysis theory and neural network. Pattern Recognition Letters, 2008, 29, 2109-2115.	2.6	11
51	Online Personalised Nonâ€photorealistic Rendering Technique for 3D Geometry from Incremental Sketching. Computer Graphics Forum, 2008, 27, 1861-1868.	1.8	1
52	Sketching out a freeform surface. International Journal of Computer Applications in Technology, 2008, 32, 31.	0.3	0
53	Dressing virtual humans from 3d scanned data. Biomedical Sciences Instrumentation, 2008, 44, 316-21.	0.2	0
54	On-line segmentation of freehand sketches by knowledge-based nonlinear thresholding operations. Pattern Recognition, 2001, 34, 1885-1893.	5.1	21