Simon Li

List of Publications by Year
in descending order

16	133	1307594	1281871
papers	citations	7	11
		h-index	g-index

16	16	16	134
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Risk analysis for the supplier selection problem using failure modes and effects analysis (FMEA). Journal of Intelligent Manufacturing, 2016, 27, 1309-1321.	7.3	39
2	Identification of Clusters and Interfaces for Supporting the Implementation of Change Requests. IEEE Transactions on Engineering Management, 2014, 61, 323-335.	3.5	22
3	Tree-Based Dependency Analysis in Decomposition and Re-decomposition of Complex Design Problems. Journal of Mechanical Design, Transactions of the ASME, 2005, 127, 12-23.	2.9	21
4	Effect of water-to-cement ratio and curing method on the strength, shrinkage and slump of the biosand filter concrete body. Water Science and Technology, 2018, 77, 1744-1750.	2.5	10
5	Matrix-based quality tools for concept generation in eco-design. Concurrent Engineering Research and Applications, 2016, 24, 113-128.	3.2	8
6	Matrix-based hierarchical clustering for developing product architecture. Concurrent Engineering Research and Applications, 2016, 24, 139-152.	3.2	7
7	Managing product variety through configuration of pre-assembled vanilla boxes using hierarchical clustering. International Journal of Production Research, 2016, 54, 5468-5479.	7.5	7
8	Interval Estimations of Building Heating Energy Consumption using the Degree-Day Method and Fuzzy Numbers. Buildings, 2018, 8, 21.	3.1	7
9	Treating design uncertainty in the application of Eco-indicator 99 with Monte Carlo simulation and fuzzy intervals. International Journal of Sustainable Engineering, 2018, 11, 110-121.	3.5	5
10	Simultaneous Hierarchical Clustering for Cell Formation Problems with Production Information. Mathematical Problems in Engineering, 2018, 2018, 1-13.	1.1	2
11	Functional Decomposition of the Clustering Approach for Matrix-Based Structuring. , 2010, , .		2
12	Statistical Analysis of Similarity Measures for Solving Cell Formation Problems. Procedia CIRP, 2017, 63, 248-253.	1.9	1
13	A hybrid algorithm for task sequencing problems with iteration in product development. Journal of the Operational Research Society, 2022, 73, 1549-1561.	3.4	1
14	Integration of Quality Function Deployment and Functional Analysis for Eco-design. International Journal of Mechanical Engineering and Mechatronics, 0, , .	0.0	1
15	Similarity Statistics for Clusterability Analysis with the Application of Cell Formation Problem. Journal of Probability and Statistics, 2018, 2018, 1-17.	0.7	0
16	Heat balance modelling and simulation of non-mixing buffer tank design for hydronic heating applications. Energy, 2022, 244, 123213.	8.8	0