Faiz Mohd Turan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48 papers	119 citations	6 h-index	9 g-index
49 ext. papers	133 ext. citations	0.5 avg, IF	3.31 L-index

#	Paper	IF	Citations
48	Optimisation of Injection Moulding Process Parameter Using Taguchi and Desirability Function. *Lecture Notes in Mechanical Engineering*, **2021**, 247-260	0.4	
47	Sustainable Finished Product Optimization on Quality Response and Attitudinal Parameters. *Lecture Notes in Mechanical Engineering*, **2021**, 261-268	0.4	
46	A Review of Multi-criteria Decision-Making Methods Using Application of Variable Weight Theory and IF-TOPSIS-EF. *Lecture Notes in Mechanical Engineering*, **2021**, 13-24	0.4	
45	Industrial Sustainability Policy and Standards-Related on Management Discipline of SMEs Industry in Malaysia: A Conceptual Framework. *Lecture Notes in Mechanical Engineering*, **2021**, 25-32	0.4	
44	Business Sustainability Performance (BSP) Quantifier for Malaysia Context. *Lecture Notes in Mechanical Engineering*, **2020**, 373-384	0.4	
43	Multi Response Optimisation of Injection Moulding Process Parameter Using Taguchi and Desirability Function. *Lecture Notes in Mechanical Engineering*, **2020**, 252-264	0.4	2
42	A modified exponential score function for troubleshooting an improved locally made Offshore Patrol Boat engine. *Journal of Marine Engineering and Technology*, **2018**, 17, 52-58	1.3	9
41	A Conceptual Model for the Implementation of Lean Product Development. *International Journal of Service Science, Management, Engineering, and Technology*, **2018**, 9, 1-9	0.9	11
40	A new framework for sustainable hydropower development project. *IOP Conference Series: Materials Science and Engineering*, **2018**, 319, 012007	0.4	
39	Framework of Sustainability Assessment (FSA) method for manufacturing industry in Malaysia. *IOP Conference Series: Materials Science and Engineering*, **2018**, 342, 012079	0.4	2
38	Incorporating attitudinal parameter in assessing sustainability of Malaysia manufacturing industry. *IOP Conference Series: Materials Science and Engineering*, **2018**, 342, 012076	0.4	
37	Development of hydropower sustainability assessment method in Malaysia context. *IOP Conference Series: Materials Science and Engineering*, **2018**, 319, 012006	0.4	
36	Development of Sustainability Assessment Tool for Malaysian hydropower industry: A case study. *IOP Conference Series: Materials Science and Engineering*, **2018**, 342, 012009	0.4	
35	Dissolution Behaviour of Metal Elements from Several Types of E-waste Using Leaching Test. *IOP Conference Series: Materials Science and Engineering*, **2017**, 226, 012166	0.4	
34	Reliability information to support decision making for e-government projects **2017**,		1
33	Review on Design for Medical Device. *MATEC Web of Conferences*, **2017**, 135, 00020	0.3	2
32	Extended TOPSIS model for solving multi-attribute decision making problems in engineering. *Decision Science Letters*, **2017**, 365-376	1.3	11

31	Framework of systematic sustainability assessment strategy (FSSAS) for hydroelectric power industry in Malaysia. *IOP Conference Series: Materials Science and Engineering*, **2017**, 226, 012060	0.4	1
30	Development of Integrated Assessment System for Underground Power Cable Performance: A Case Study. *IOP Conference Series: Materials Science and Engineering*, **2017**, 226, 012020	0.4	
29	An Intuitionistic Fuzzy Multi-Criteria Decision-Making Method Based on an Exponential-Related Function. *International Journal of Fuzzy System Applications*, **2017**, 6, 33-46	0.6	5
28	Development of Sustainability Assessment Framework in Hydropower sector. *IOP Conference Series: Materials Science and Engineering*, **2017**, 226, 012048	0.4	3
27	Application of Intuitionistic Fuzzy Topsis Model for Troubleshooting an Offshore Patrol Boat Engine. *Polish Maritime Research*, **2017**, 24, 68-76	1.7	6
26	An exponential-related function for decision-making in engineering and management. *Open Engineering*, **2017**, 7, 153-160	1.7	4
25	Review of CO2Reduction Technologies using Mineral Carbonation of Iron and Steel Making Slag in Malaysia. *Journal of Physics: Conference Series*, **2017**, 914, 012012	0.3	2
24	Eco-design of low energy mechanical milling through implementation of quality function deployment and design for sustainability **2017**,		1
23	Effect of Warm Asphalt Additive on the Creep and Recovery Behaviour of Aged Binder Containing Waste Engine Oil. *IOP Conference Series: Materials Science and Engineering*, **2017**, 226, 012066	0.4	4
22	Assessing Sustainability in Environmental Management: A Case Study in Malaysia Industry. *IOP Conference Series: Materials Science and Engineering*, **2017**, 226, 012050	0.4	1
21	Designing an Orthotic Insole by Using Kinect XBOX Gaming Sensor Scanner and Computer Aided Engineering Software. *IOP Conference Series: Materials Science and Engineering*, **2017**, 226, 012026	0.4	
20	Sustainability Assessment Model in Product Development. *IOP Conference Series: Materials Science and Engineering*, **2017**, 226, 012021	0.4	1
19	Systematic Sustainability Assessment (SSA) Tool for Hydroelectric Project in Malaysia. *IOP Conference Series: Materials Science and Engineering*, **2017**, 226, 012051	0.4	2
18	Perception of Employees of industries in Malaysia on Corporate Sustainability in Affecting Customer Confidence and Loyalty: A Case Study. *IOP Conference Series: Materials Science and Engineering*, **2017**, 226, 012061	0.4	
17	A subjective and objective fuzzy-based analytical hierarchy process model for prioritization of lean product development practices. *Management Science Letters*, **2017**, 297-310	1	4
16	Systematic Assessment Through Mathematical Model For Sustainability Reporting In Malaysia Context. *IOP Conference Series: Materials Science and Engineering*, **2017**, 226, 012049	0.4	2
15	Interval-Valued Intuitionistic Fuzzy Topsis-Based Model for Troubleshooting Marine Diesel Engine Auxiliary System **2017**, Vol 159,		2
14	Criteria Assessment Model for Sustainable Product Development. *IOP Conference Series: Materials Science and Engineering*, **2016**, 160, 012004	0.4	2

13	Reducing Bits in Electrodeposition Process of Commercial Vehicle - A Case Study. *IOP Conference Series: Materials Science and Engineering*, **2016**, 114, 012051	0.4	2
12	AN IMPROVED METHODOLOGY FOR MULTI-CRITERIA EVALUATIONS IN THE SHIPPING INDUSTRY. *Brodogradnja*, **2016**, 67, 59-72	1.7	6
11	Industrial training approach using GPM P5 Standard for Sustainability in Project Management: a framework for sustainability competencies in the 21st century. *IOP Conference Series: Materials Science and Engineering*, **2016**, 160, 012075	0.4	
10	The development of Sustainability Graduate Community (SGC) as a learning pathway for sustainability education - a framework for engineering programmes in Malaysia Technical Universities Network (MTUN). *IOP Conference Series: Materials Science and Engineering*, **2016**, 160, 012074	0.4	1
9	Development of Systematic Sustainability Assessment (SSA) for the Malaysian Industry. *IOP Conference Series: Materials Science and Engineering*, **2016**, 160, 012047	0.4	
8	Intuitionistic fuzzy-based model for failure detection. *SpringerPlus*, **2016**, 5, 1938		15
7	A Hybrid Fuzzy Model for Lean Product Development Performance Measurement. *IOP Conference Series: Materials Science and Engineering*, **2016**, 114, 012048	0.4	4
6	Proposal for a Conceptual Model for Evaluating Lean Product Development Performance: A Study of LPD Enablers in Manufacturing Companies. *IOP Conference Series: Materials Science and Engineering*, **2016**, 114, 012047	0.4	2
5	Application of Integrated Fuzzy-AHP for Design Concept Evaluation: A Case Study on Mold Design Selection **2015**, 101-113		2
4	Design Evaluation Method for Design Engineer in Manufacturing Industries Using Integrated Rough-Grey Analysis Approach. *Applied Mechanics and Materials*, **2014**, 660, 1052-1056	0.3	1
3	A Three-stage Methodology for Design Evaluation in Product Development. *International Journal of Computers & Technology*, **2014**, 12, 3602-3625		4
2	The Integration of HOQ and Fuzzy-AHP for Design Concept Evaluation. *Applied Mechanics and Materials*, **2013**, 315, 25-29	0.3	2
1	Application of House of Quality, Fuzzy-Analytical Hierarchy Process and Rough-Grey Analysis in Design Concept Evaluation – A Case Study. *Journal of Mechanical Engineering and Sciences*, **2013**, 5, 723-733	2	2