

# Faiz Mohd Turan

## List of Publications by Citations

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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	Intuitionistic fuzzy-based model for failure detection. <i>SpringerPlus</i> , <b>2016</b> , 5, 1938		15
47	Extended TOPSIS model for solving multi-attribute decision making problems in engineering. <i>Decision Science Letters</i> , <b>2017</b> , 365-376	1.3	11
46	A Conceptual Model for the Implementation of Lean Product Development. <i>International Journal of Service Science, Management, Engineering, and Technology</i> , <b>2018</b> , 9, 1-9	0.9	11
45	A modified exponential score function for troubleshooting an improved locally made Offshore Patrol Boat engine. <i>Journal of Marine Engineering and Technology</i> , <b>2018</b> , 17, 52-58	1.3	9
44	Application of Intuitionistic Fuzzy Topsis Model for Troubleshooting an Offshore Patrol Boat Engine. <i>Polish Maritime Research</i> , <b>2017</b> , 24, 68-76	1.7	6
43	AN IMPROVED METHODOLOGY FOR MULTI-CRITERIA EVALUATIONS IN THE SHIPPING INDUSTRY. <i>Brodogradnja</i> , <b>2016</b> , 67, 59-72	1.7	6
42	An Intuitionistic Fuzzy Multi-Criteria Decision-Making Method Based on an Exponential-Related Function. <i>International Journal of Fuzzy System Applications</i> , <b>2017</b> , 6, 33-46	0.6	5
41	An exponential-related function for decision-making in engineering and management. <i>Open Engineering</i> , <b>2017</b> , 7, 153-160	1.7	4
40	Effect of Warm Asphalt Additive on the Creep and Recovery Behaviour of Aged Binder Containing Waste Engine Oil. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 226, 012066	0.4	4
39	A subjective and objective fuzzy-based analytical hierarchy process model for prioritization of lean product development practices. <i>Management Science Letters</i> , <b>2017</b> , 297-310	1	4
38	A Three-stage Methodology for Design Evaluation in Product Development. <i>International Journal of Computers &amp; Technology</i> , <b>2014</b> , 12, 3602-3625		4
37	A Hybrid Fuzzy Model for Lean Product Development Performance Measurement. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 114, 012048	0.4	4
36	Development of Sustainability Assessment Framework in Hydropower sector. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 226, 012048	0.4	3
35	Review on Design for Medical Device. <i>MATEC Web of Conferences</i> , <b>2017</b> , 135, 00020	0.3	2
34	Criteria Assessment Model for Sustainable Product Development. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 160, 012004	0.4	2
33	Review of CO2Reduction Technologies using Mineral Carbonation of Iron and Steel Making Slag in Malaysia. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 914, 012012	0.3	2
32	Systematic Sustainability Assessment (SSA) Tool for Hydroelectric Project in Malaysia. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 226, 012051	0.4	2

31	Systematic Assessment Through Mathematical Model For Sustainability Reporting In Malaysia Context. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 226, 012049	0.4	2
30	Application of Integrated Fuzzy-AHP for Design Concept Evaluation: A Case Study on Mold Design Selection <b>2015</b> , 101-113		2
29	The Integration of HOQ and Fuzzy-AHP for Design Concept Evaluation. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 315, 25-29	0.3	2
28	Application of House of Quality, Fuzzy-Analytical Hierarchy Process and Rough-Grey Analysis in Design Concept Evaluation [A Case Study]. <i>Journal of Mechanical Engineering and Sciences</i> , <b>2013</b> , 5, 723-733		2
27	Interval-Valued Intuitionistic Fuzzy Topsis-Based Model for Troubleshooting Marine Diesel Engine Auxiliary System <b>2017</b> , Vol 159,		2
26	Reducing Bits in Electrodeposition Process of Commercial Vehicle - A Case Study. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 114, 012051	0.4	2
25	Proposal for a Conceptual Model for Evaluating Lean Product Development Performance: A Study of LPD Enablers in Manufacturing Companies. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 114, 012047	0.4	2
24	Multi Response Optimisation of Injection Moulding Process Parameter Using Taguchi and Desirability Function. <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 252-264	0.4	2
23	Framework of Sustainability Assessment (FSA) method for manufacturing industry in Malaysia. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 342, 012079	0.4	2
22	Reliability information to support decision making for e-government projects <b>2017</b> ,		1
21	Framework of systematic sustainability assessment strategy (FSSAS) for hydroelectric power industry in Malaysia. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 226, 012060	0.4	1
20	Eco-design of low energy mechanical milling through implementation of quality function deployment and design for sustainability <b>2017</b> ,		1
19	Assessing Sustainability in Environmental Management: A Case Study in Malaysia Industry. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 226, 012050	0.4	1
18	Sustainability Assessment Model in Product Development. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 226, 012021	0.4	1
17	Design Evaluation Method for Design Engineer in Manufacturing Industries Using Integrated Rough-Grey Analysis Approach. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 660, 1052-1056	0.3	1
16	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). <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 160, 012074	0.4	1
15	Dissolution Behaviour of Metal Elements from Several Types of E-waste Using Leaching Test. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 226, 012166	0.4	
14	Development of Integrated Assessment System for Underground Power Cable Performance: A Case Study. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 226, 012020	0.4	

13	Designing an Orthotic Insole by Using Kinect XBOX Gaming Sensor Scanner and Computer Aided Engineering Software. <i>IOP Conference Series: Materials Science and Engineering, 2017, 226, 012026</i>	0.4
12	Perception of Employees of industries in Malaysia on Corporate Sustainability in Affecting Customer Confidence and Loyalty: A Case Study. <i>IOP Conference Series: Materials Science and Engineering, 2017, 226, 012061</i>	0.4
11	Optimisation of Injection Moulding Process Parameter Using Taguchi and Desirability Function. <i>Lecture Notes in Mechanical Engineering, 2021, 247-260</i>	0.4
10	Sustainable Finished Product Optimization on Quality Response and Attitudinal Parameters. <i>Lecture Notes in Mechanical Engineering, 2021, 261-268</i>	0.4
9	Industrial training approach using GPM P5 Standard for Sustainability in Project Management: a framework for sustainability competencies in the 21st century. <i>IOP Conference Series: Materials Science and Engineering, 2016, 160, 012075</i>	0.4
8	Development of Systematic Sustainability Assessment (SSA) for the Malaysian Industry. <i>IOP Conference Series: Materials Science and Engineering, 2016, 160, 012047</i>	0.4
7	Business Sustainability Performance (BSP) Quantifier for Malaysia Context. <i>Lecture Notes in Mechanical Engineering, 2020, 373-384</i>	0.4
6	A new framework for sustainable hydropower development project. <i>IOP Conference Series: Materials Science and Engineering, 2018, 319, 012007</i>	0.4
5	Incorporating attitudinal parameter in assessing sustainability of Malaysia manufacturing industry. <i>IOP Conference Series: Materials Science and Engineering, 2018, 342, 012076</i>	0.4
4	Development of hydropower sustainability assessment method in Malaysia context. <i>IOP Conference Series: Materials Science and Engineering, 2018, 319, 012006</i>	0.4
3	Development of Sustainability Assessment Tool for Malaysian hydropower industry: A case study. <i>IOP Conference Series: Materials Science and Engineering, 2018, 342, 012009</i>	0.4
2	A Review of Multi-criteria Decision-Making Methods Using Application of Variable Weight Theory and IF-TOPSIS-EF. <i>Lecture Notes in Mechanical Engineering, 2021, 13-24</i>	0.4
1	Industrial Sustainability Policy and Standards-Related on Management Discipline of SMEs Industry in Malaysia: A Conceptual Framework. <i>Lecture Notes in Mechanical Engineering, 2021, 25-32</i>	0.4