

# Faiz Mohd Turan

## List of Publications by Year in descending order

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49  
papers

179  
citations

1478505

6  
h-index

1281871

11  
g-index

49  
all docs

49  
docs citations

49  
times ranked

131  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Conceptual Model for the Implementation of Lean Product Development. International Journal of Service Science, Management, Engineering, and Technology, 2018, 9, 1-9.	1.1	28
2	Intuitionistic fuzzy-based model for failure detection. SpringerPlus, 2016, 5, 1938.	1.2	18
3	Extended TOPSIS model for solving multi-attribute decision making problems in engineering. Decision Science Letters, 2017, , 365-376.	1.2	14
4	Application of Intuitionistic Fuzzy Topsis Model for Troubleshooting an Offshore Patrol Boat Engine. Polish Maritime Research, 2017, 24, 68-76.	1.9	11
5	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.	4.1	10
6	AN IMPROVED METHODOLOGY FOR MULTI-CRITERIA EVALUATIONS IN THE SHIPPING INDUSTRY. Brodogradnja, 2016, 67, 59-72.	1.9	9
7	An Intuitionistic Fuzzy Multi-Criteria Decision-Making Method Based on an Exponential-Related Function. International Journal of Fuzzy System Applications, 2017, 6, 33-46.	0.7	6
8	The Integration of HOQ and Fuzzy-AHP for Design Concept Evaluation. Applied Mechanics and Materials, 0, 315, 25-29.	0.2	5
9	Review of CO <sub>2</sub> Reduction Technologies using Mineral Carbonation of Iron and Steel Making Slag in Malaysia. Journal of Physics: Conference Series, 2017, 914, 012012.	0.4	5
10	Development of Sustainability Assessment Framework in Hydropower sector. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012048.	0.6	5
11	A Hybrid Fuzzy Model for Lean Product Development Performance Measurement. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012048.	0.6	4
12	An exponential-related function for decision-making in engineering and management. Open Engineering, 2017, 7, 153-160.	1.6	4
13	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.	0.6	4
14	A subjective and objective fuzzy-based analytical hierarchy process model for prioritization of lean product development practices. Management Science Letters, 2017, , 297-310.	1.5	4
15	Systematic Assessment Through Mathematical Model For Sustainability Reporting In Malaysia Context. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012049.	0.6	4
16	A Three-stage Methodology for Design Evaluation in Product Development. International Journal of Computers & Technology, 2014, 12, 3602-3625.	0.2	4
17	Interval-Valued Intuitionistic Fuzzy Topsis-Based Model for Troubleshooting Marine Diesel Engine Auxiliary System. , 2017, Vol 159, .		4
18	Application of Integrated Fuzzy-AHP for Design Concept Evaluation: A Case Study on Mold Design Selection. , 2015, , 101-113.		3

#	ARTICLE	IF	CITATIONS
19	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.	0.6	3
20	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.	0.6	3
21	Criteria Assessment Model for Sustainable Product Development. IOP Conference Series: Materials Science and Engineering, 2016, 160, 012004.	0.6	3
22	Framework of Sustainability Assessment (FSA) method for manufacturing industry in Malaysia. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012079.	0.6	3
23	Multi Response Optimisation of Injection Moulding Process Parameter Using Taguchi and Desirability Function. Lecture Notes in Mechanical Engineering, 2020, , 252-264.	0.4	3
24	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.	0.6	3
25	Reducing Bits in Electrodeposition Process of Commercial Vehicle - A Case Study. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012051.	0.6	2
26	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.	0.6	2
27	Assessing Sustainability in Environmental Management: A Case Study in Malaysia Industry. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012050.	0.6	2
28	Systematic Sustainability Assessment (SSA) Tool for Hydroelectric Project in Malaysia. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012051.	0.6	2
29	Review on Design for Medical Device. MATEC Web of Conferences, 2017, 135, 00020.	0.2	2
30	Framework of systematic sustainability assessment strategy (FSSAS) for hydroelectric power industry in Malaysia. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012060.	0.6	2
31	Design Evaluation Method for Design Engineer in Manufacturing Industries Using Integrated Rough-Grey Analysis Approach. Applied Mechanics and Materials, 0, 660, 1052-1056.	0.2	1
32	Development of Systematic Sustainability Assessment (SSA) for the Malaysian Industry. IOP Conference Series: Materials Science and Engineering, 2016, 160, 012047.	0.6	1
33	Eco-design of low energy mechanical milling through implementation of quality function deployment and design for sustainability. , 2017, , .		1
34	Sustainability Assessment Model in Product Development. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012021.	0.6	1
35	Reliability information to support decision making for e-government projects. , 2017, , .		1
36	Incorporating attitudinal parameter in assessing sustainability of Malaysia manufacturing industry. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012076.	0.6	1

#	ARTICLE	IF	CITATIONS
37	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	1
38	Dissolution Behaviour of Metal Elements from Several Types of E-waste Using Leaching Test. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012166.	0.6	0
39	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.	0.6	0
40	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.	0.6	0
41	Development of Integrated Assessment System for Underground Power Cable Performance: A Case Study. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012020.	0.6	0
42	A new framework for sustainable hydropower development project. IOP Conference Series: Materials Science and Engineering, 2018, 319, 012007.	0.6	0
43	Development of hydropower sustainability assessment method in Malaysia context. IOP Conference Series: Materials Science and Engineering, 2018, 319, 012006.	0.6	0
44	Development of Sustainability Assessment Tool for Malaysian hydropower industry: A case study. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012009.	0.6	0
45	Business Sustainability Performance (BSP) Quantifier for Malaysia Context. Lecture Notes in Mechanical Engineering, 2020, , 373-384.	0.4	0
46	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	0
47	Optimisation of Injection Moulding Process Parameter Using Taguchi and Desirability Function. Lecture Notes in Mechanical Engineering, 2021, , 247-260.	0.4	0
48	Sustainable Finished Product Optimization on Quality Response and Attitudinal Parameters. Lecture Notes in Mechanical Engineering, 2021, , 261-268.	0.4	0
49	A Systematic Literature Review of Multi-Criteria Analysis Model Methods on Sustainability Weighting for Ethanol Plant. ASM Science Journal, 0, 16, 1-13.	0.1	0