Abid Haleem

List of Publications by Year
in descending order

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253 papers	13,524 citations	26630 56 h-index	30087 103 g-index
257 all docs	257 docs citations	257 times ranked	8658 citing authors

#	Article	IF	Citations
1	Artificial Intelligence (AI) applications for COVID-19 pandemic. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2020, 14, 337-339.	3.6	904
2	Effects of COVID-19 pandemic in daily life. Current Medicine Research and Practice, 2020, 10, 78-79.	0.1	571
3	Industry 4.0 technologies and their applications in fighting COVID-19 pandemic. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2020, 14, 419-422.	3.6	501
4	Internet of things (IoT) applications to fight against COVID-19 pandemic. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2020, 14, 521-524.	3.6	459
5	Barriers to renewable/sustainable energy technologies adoption: Indian perspective. Renewable and Sustainable Energy Reviews, 2015, 41, 762-776.	16.4	398
6	Telemedicine for healthcare: Capabilities, features, barriers, and applications. Sensors International, 2021, 2, 100117.	8.4	269
7	Additive manufacturing applications in medical cases: A literature based review. Alexandria Journal of Medicine, 2018, 54, 411-422.	0.6	265
8	The impacts of critical success factors for implementing green supply chain management towards sustainability: an empirical investigation of Indian automobile industry. Journal of Cleaner Production, 2016, 121, 142-158.	9.3	241
9	Additive Manufacturing Applications in Industry 4.0: A Review. Journal of Industrial Integration and Management, 2019, 04, 1930001.	4.8	237
10	Significant applications of virtual reality for COVID-19 pandemic. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2020, 14, 661-664.	3.6	210
11	An analysis of interactions among critical success factors to implement green supply chain management towards sustainability: An Indian perspective. Resources Policy, 2015, 46, 37-50.	9.6	204
12	Barriers to implement green supply chain management in automobile industry using interpretive structural modeling technique: An Indian perspective. Journal of Industrial Engineering and Management, 2011, 4, .	1.5	196
13	Current status and applications of additive manufacturing in dentistry: A literature-based review. Journal of Oral Biology and Craniofacial Research, 2019, 9, 179-185.	1.9	181
14	Analysis of critical success factors of world-class manufacturing practices: an application of interpretative structural modelling and interpretative ranking process. Production Planning and Control, 2012, 23, 722-734.	8.8	175
15	Substantial capabilities of robotics in enhancing industry 4.0 implementation. Cognitive Robotics, 2021, 1, 58-75.	5.4	169
16	Biosensors applications in medical field: A brief review. Sensors International, 2021, 2, 100100.	8.4	163
17	Internet of Medical Things (IoMT) for orthopaedic in COVID-19 pandemic: Roles, challenges, and applications. Journal of Clinical Orthopaedics and Trauma, 2020, 11, 713-717.	1.5	160
18	Additive manufacturing applications in orthopaedics: A review. Journal of Clinical Orthopaedics and Trauma, 2018, 9, 202-206.	1.5	155

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19	Industry 4.0 applications in medical field: A brief review. Current Medicine Research and Practice, 2019, 9, 102-109.	0.1	154
20	3D printing applications in bone tissue engineering. Journal of Clinical Orthopaedics and Trauma, 2020, 11, S118-S124.	1.5	149
21	Understanding the adoption of Industry 4.0 technologies in improving environmental sustainability. Sustainable Operations and Computers, 2022, 3, 203-217.	13.1	149
22	Areas of academic research with the impact of COVID-19. American Journal of Emergency Medicine, 2020, 38, 1524-1526.	1.6	147
23	3D scanning applications in medical field: A literature-based review. Clinical Epidemiology and Global Health, 2019, 7, 199-210.	1.9	146
24	Blockchain technology applications for Industry 4.0: A literature-based review. Blockchain: Research and Applications, 2021, 2, 100027.	6.7	137
25	4D printing applications in medical field: A brief review. Clinical Epidemiology and Global Health, 2019, 7, 317-321.	1.9	130
26	Sustainability of Coronavirus on Different Surfaces. Journal of Clinical and Experimental Hepatology, 2020, 10, 386-390.	0.9	128
27	Critical Components of Industry 5.0 Towards a Successful Adoption in the Field of Manufacturing. Journal of Industrial Integration and Management, 2020, 05, 327-348.	4.8	122
28	Industry 5.0: Potential Applications in COVID-19. Journal of Industrial Integration and Management, 2020, 05, 507-530.	4.8	121
29	Significance of sensors for industry 4.0: Roles, capabilities, and applications. Sensors International, 2021, 2, 100110.	8.4	118
30	Virtual reality applications toward medical field. Clinical Epidemiology and Global Health, 2020, 8, 600-605.	1.9	117
31	Sensors for daily life: A review. Sensors International, 2021, 2, 100121.	8.4	115
32	Blockchain technology applications in healthcare: An overview. International Journal of Intelligent Networks, 2021, 2, 130-139.	7.8	112
33	Significant Applications of Machine Learning for COVID-19 Pandemic. Journal of Industrial Integration and Management, 2020, 05, 453-479.	4.8	111
34	Automation and manufacturing of smart materials in additive manufacturing technologies using Internet of Things towards the adoption of industry 4.0. Materials Today: Proceedings, 2021, 45, 5081-5088.	1.8	111
35	Green supply chain management. Journal of Advances in Management Research, 2014, 11, 20-46.	3.0	109
36	Artificial Intelligence Applications for Industry 4.0: A Literature-Based Study. Journal of Industrial Integration and Management, 2022, 07, 83-111.	4.8	106

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37	Evaluating food supply chain performance using hybrid fuzzy MCDM technique. Sustainable Production and Consumption, 2019, 20, 40-57.	11.0	103
38	Polyether ether ketone (PEEK) and its 3D printed implants applications in medical field: An overview. Clinical Epidemiology and Global Health, 2019, 7, 571-577.	1.9	100
39	Current status and applications of Artificial Intelligence (AI) in medical field: An overview. Current Medicine Research and Practice, 2019, 9, 231-237.	0.1	97
40	Customer involvement in greening the supply chain: an interpretive structural modeling methodology. Journal of Industrial Engineering International, 2013, 9, 1.	1.8	96
41	Traceability implementation in food supply chain: A grey-DEMATEL approach. Information Processing in Agriculture, 2019, 6, 335-348.	4.1	87
42	Face masks are new normal after COVID-19 pandemic. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2020, 14, 1617-1619.	3.6	86
43	Significance of machine learning in healthcare: Features, pillars and applications. International Journal of Intelligent Networks, 2022, 3, 58-73.	7.8	82
44	Role of CT and MRI in the design and development of orthopaedic model using additive manufacturing. Journal of Clinical Orthopaedics and Trauma, 2018, 9, 213-217.	1.5	81
45	Polyether ether ketone (PEEK) and its manufacturing of customised 3D printed dentistry parts using additive manufacturing. Clinical Epidemiology and Global Health, 2019, 7, 654-660.	1.9	81
46	3D printed medical parts with different materials using additive manufacturing. Clinical Epidemiology and Global Health, 2020, 8, 215-223.	1.9	80
47	Medical 4.0 technologies for healthcare: Features, capabilities, and applications. Internet of Things and Cyber-physical Systems, 2022, 2, 12-30.	8.7	80
48	Implementing Traceability Systems in Specific Supply Chain Management (SCM) through Critical Success Factors (CSFs). Sustainability, 2018, 10, 204.	3.2	79
49	Emerging Technologies to Combat the COVID-19 Pandemic. Journal of Clinical and Experimental Hepatology, 2020, 10, 409-411.	0.9	75
50	Role of additive manufacturing applications towards environmental sustainability. Advanced Industrial and Engineering Polymer Research, 2021, 4, 312-322.	4.7	74
51	Investigation of circular economy practices in the context of emerging economies: a CoCoSo approach. International Journal of Sustainable Engineering, 2021, 14, 357-367.	3.5	73
52	Current status and challenges of Additive manufacturing in orthopaedics: An overview. Journal of Clinical Orthopaedics and Trauma, 2019, 10, 380-386.	1.5	72
53	Barriers in green lean six sigma product development process: an ISM approach. Production Planning and Control, 0, , 1-17.	8.8	70
54	Medical 4.0 and Its Role in Healthcare During COVID-19 Pandemic: A Review. Journal of Industrial Integration and Management, 2020, 05, 531-545.	4.8	69

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55	5D printing and its expected applications in Orthopaedics. Journal of Clinical Orthopaedics and Trauma, 2019, 10, 809-810.	1.5	67
56	Artificial Intelligence (AI) applications in orthopaedics: An innovative technology to embrace. Journal of Clinical Orthopaedics and Trauma, 2020, 11, S80-S81.	1.5	67
57	Prioritising the risks in Halal food supply chain: an MCDM approach. Journal of Islamic Marketing, 2022, 13, 45-65.	3.5	66
58	Towards successful adoption of Halal logistics and its implications for the stakeholders. British Food Journal, 2017, 119, 1592-1605.	2.9	65
59	Blockchain technology and its applications to combat COVID-19 pandemic. Research on Biomedical Engineering, 2022, 38, 173-180.	2.2	64
60	Evaluating critical factors to implement sustainable oriented innovation practices: An analysis of micro, small, and medium manufacturing enterprises. Journal of Cleaner Production, 2021, 285, 125377.	9.3	62
61	Significant Applications of Big Data in COVID-19 Pandemic. Indian Journal of Orthopaedics, 2020, 54, 526-528.	1.1	61
62	Identifying and ranking of strategies to implement green supply chain management in Indian manufacturing industry using Analytical Hierarchy Process. Journal of Industrial Engineering and Management, 2013, 6, .	1.5	60
63	Conceptualisation of Sustainable Green Lean Six Sigma: an empirical analysis. International Journal of Business Excellence, 2015, 8, 210.	0.3	59
64	Identification of critical success factors to achieve high green supply chain management performances in Indian automobile industry. International Journal of Logistics Systems and Management, 2014, 18, 170.	0.2	56
65	4D printing and its applications in Orthopaedics. Journal of Clinical Orthopaedics and Trauma, 2018, 9, 275-276.	1.5	56
66	Evaluation of barriers in the adoption of halal certification: a fuzzy DEMATEL approach. Journal of Modelling in Management, 2019, 14, 153-174.	1.9	55
67	Exploring impact and features of machine vision for progressive industry 4.0 culture. Sensors International, 2022, 3, 100132.	8.4	54
68	Robotics Applications in COVID-19: A Review. Journal of Industrial Integration and Management, 2020, 05, 441-451.	4.8	53
69	Exploring the potential of nanosensors: A brief overview. Sensors International, 2021, 2, 100130.	8.4	53
70	Identification and evaluation of critical factors to technology transfer using AHP approach. International Strategic Management Review, 2015, 3, 24-42.	2.3	52
71	Defining Halal Supply Chain Management. Supply Chain Forum, 2018, 19, 122-131.	4.2	52
72	Determinants for integration of sustainability with innovation for Indian manufacturing enterprises: Empirical evidence in MSMEs. Journal of Cleaner Production, 2019, 229, 374-386.	9.3	52

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73	Significance of Health Information Technology (HIT) in Context to COVID-19 Pandemic: Potential Roles and Challenges. Journal of Industrial Integration and Management, 2020, 05, 427-440.	4.8	52
74	A Review of the Role of Smart Wireless Medical Sensor Network in COVID-19. Journal of Industrial Integration and Management, 2020, 05, 413-425.	4.8	52
75	Analysing governmental response to the COVID-19 pandemic. Journal of Oral Biology and Craniofacial Research, 2020, 10, 504-513.	1.9	52
76	Framework for Manufacturing in Post-COVID-19 World Order: An Indian Perspective. International Journal of Global Business and Competitiveness, 2020, 15, 49-60.	2.4	52
77	Data science applications for predictive maintenance and materials science in context to Industry 4.0. Materials Today: Proceedings, 2021, 45, 4898-4905.	1.8	48
78	Industrial perspectives of 3D scanning: Features, roles and it's analytical applications. Sensors International, 2021, 2, 100114.	8.4	47
79	Improving material quality management and manufacturing organizations system through Industry 4.0 technologies. Materials Today: Proceedings, 2021, 45, 5089-5096.	1.8	46
80	Significant Applications of Big Data in Industry 4.0. Journal of Industrial Integration and Management, 2021, 06, 429-447.	4.8	46
81	Industry 5.0 and its applications in orthopaedics. Journal of Clinical Orthopaedics and Trauma, 2019, 10, 807-808.	1.5	45
82	3D printed tissue and organ using additive manufacturing: An overview. Clinical Epidemiology and Global Health, 2020, 8, 586-594.	1.9	44
83	Analyzing COVID-19 pandemic for unequal distribution of tests, identified cases, deaths, and fatality rates in the top 18 countries. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2020, 14, 953-961.	3.6	44
84	Significant roles of 4D printing using smart materials in the field of manufacturing. Advanced Industrial and Engineering Polymer Research, 2021, 4, 301-311.	4.7	43
85	Analyzing critical success factors for a successful transition towards circular economy through DANP approach. Management of Environmental Quality, 2020, 31, 505-529.	4.3	42
86	3D scanning of a carburetor body using COMET 3D scanner supported by COLIN 3D software: Issues and solutions. Materials Today: Proceedings, 2021, 39, 331-337.	1.8	42
87	Significance of Quality 4.0 towards comprehensive enhancement in manufacturing sector. Sensors International, 2021, 2, 100109.	8.4	42
88	Enabling flexible manufacturing system (FMS) through the applications of industry 4.0 technologies. Internet of Things and Cyber-physical Systems, 2022, 2, 49-62.	8.7	41
89	State of green construction in India: drivers and challenges. Journal of Engineering, Design and Technology, 2009, 7, 223-234.	1.7	40
90	Critical success factors of customer involvement in greening the supply chain: an empirical study. International Journal of Logistics Systems and Management, 2014, 19, 283.	0.2	40

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91	Additive manufacturing applications in cardiology: A review. Egyptian Heart Journal, 2018, 70, 433-441.	1.2	39
92	Current status and applications of 3D scanning in dentistry. Clinical Epidemiology and Global Health, 2019, 7, 228-233.	1.9	39
93	Significant advancements of 4D printing in the field of orthopaedics. Journal of Clinical Orthopaedics and Trauma, 2020, 11, S485-S490.	1.5	39
94	Hyperautomation for the enhancement of automation in industries. Sensors International, 2021, 2, 100124.	8.4	39
95	Upgrading the manufacturing sector via applications of Industrial Internet of Things (IIoT). Sensors International, 2021, 2, 100129.	8.4	38
96	Technology transfer: enablers and barriers - a review. International Journal of Technology, Policy and Management, 2014, 14, 133.	0.3	37
97	Exploring Smart Material Applications for COVID-19 Pandemic Using 4D Printing Technology. Journal of Industrial Integration and Management, 2020, 05, 481-494.	4.8	37
98	Research status in Halal: a review and bibliometric analysis. Modern Supply Chain Research and Applications, 2020, 2, 23-41.	2.8	36
99	Effects of COVID-19 pandemic in the field of orthopaedics. Journal of Clinical Orthopaedics and Trauma, 2020, 11, 498-499.	1.5	36
100	Assessment of risk in the management of Halal supply chain using fuzzy BWM method. Supply Chain Forum, 2021, 22, 57-73.	4.2	36
101	Benchmarking supply chains by analyzing technology transfer critical barriers using AHP approach. Benchmarking, 2015, 22, 538-558.	4.6	35
102	Using additive manufacturing applications for design and development of food and agricultural equipments. International Journal of Materials and Product Technology, 2019, 58, 225.	0.2	35
103	Smart organisations: modelling of enablers using an integrated ISM and fuzzy-MICMAC approach. International Journal of Intelligent Enterprise, 2012, 1, 248.	0.2	34
104	A framework for comparative evaluation of lean performance of firms using fuzzy TOPSIS. International Journal of Productivity and Quality Management, 2013, 11, 371.	0.2	34
105	Critical factors for the successful usage of fly ash in roads & bridges and embankments: Analyzing indian perspective. Resources Policy, 2016, 49, 334-348.	9.6	33
106	Supplier evaluation in the context of circular economy: A forward step for resilient business and environment concern. Business Strategy and the Environment, 2021, 30, 2119-2146.	14.3	33
107	Design and analysis of rooftop grid tied 50 kW capacity Solar Photovoltaic (SPV) power plant. Renewable and Sustainable Energy Reviews, 2017, 77, 1288-1299.	16.4	32
108	Exploring the significant applications of Internet of Things (IoT) with 3D printing using advanced materials in medical field. Materials Today: Proceedings, 2021, 45, 4844-4851.	1.8	32

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109	Implementing lean manufacturing system: ISM approach. Journal of Industrial Engineering and Management, 2013, 6, .	1.5	31
110	Improving to Smart Organization. Journal of Manufacturing Technology Management, 2015, 26, 807-829.	6.4	31
111	Effect of variable infill density on mechanical behaviour of 3-D printed PLA specimen: an experimental investigation. SN Applied Sciences, 2019, 1, 1.	2.9	31
112	Industry 4.0 and its applications in orthopaedics. Journal of Clinical Orthopaedics and Trauma, 2019, 10, 615-616.	1.5	31
113	Analysing COVID-19 pandemic through cases, deaths, and recoveries. Journal of Oral Biology and Craniofacial Research, 2020, 10, 450-469.	1.9	31
114	Strategies to Implement Circular Economy Practices: A Fuzzy DEMATEL Approach. Journal of Industrial Integration and Management, 2020, 05, 253-269.	4.8	31
115	Now is the time to press the reset button: Helping Indiaâ€™s companies to become more resilient and effective in overcoming the impacts of COVID-19, climate changes and other crises. Journal of Cleaner Production, 2021, 280, 124466.	9.3	31
116	Analyzing the business models for circular economy implementation: a fuzzy TOPSIS approach. Operations Management Research, 2021, 14, 256-271.	8.5	31
117	Industry 5.0 and its expected applications in medical field. Current Medicine Research and Practice, 2019, 9, 167-169.	0.1	30
118	Cloud Computing in Solving Problems of COVID-19 Pandemic. Journal of Industrial Integration and Management, 2021, 06, 209-219.	4.8	29
119	Modeling of critical factors for integrating sustainability with innovation for Indian small- and medium-scale manufacturing enterprises: An ISM and MICMAC approach. Cogent Business and Management, 2016, 3, .	2.9	28
120	Internet of Behaviours (IoB) and its role in customer services. Sensors International, 2021, 2, 100122.	8.4	27
121	A structural modelling for e-governance service delivery in rural India. International Journal of Electronic Governance, 2009, 2, 3.	0.2	26
122	Empirical Analysis of Green Supply Chain Management Practices in Indian Automobile Industry. Journal of the Institution of Engineers (India): Series C, 2014, 95, 119-126.	1.2	26
123	Using integrated weighted IRP-Fuzzy TISM approach towards evaluation of initiatives to harmonise Halal standards. Benchmarking, 2019, 26, 434-451.	4.6	26
124	Internet of things (IoT) applications in orthopaedics. Journal of Clinical Orthopaedics and Trauma, 2020, 11, S105-S106.	1.5	26
125	Exploring the Impact of COVID-19 Pandemic on Medical Supply Chain Disruption. Journal of Industrial Integration and Management, 2021, 06, 235-255.	4.8	26
126	Hurdles in Implementing Sustainable Supply Chain Management: An Analysis of Indian Automobile Sector. Procedia, Social and Behavioral Sciences, 2015, 189, 175-183.	0.5	25

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127	Enablers to Implement Circular Initiatives in the Supply Chain: A Grey DEMATEL Method. Global Business Review, 2024, 25, 68-84.	3.1	25
128	Applications of Artificial Intelligence (AI) for cardiology during COVID-19 pandemic. Sustainable Operations and Computers, 2021, 2, 71-78.	13.1	25
129	Exploration of Critical Success Factors of Logistics 4.0: A DEMATEL Approach. Logistics, 2022, 6, 13.	4.3	25
130	Flexible System Approach for Understanding Requisites of Product Innovation Management. Global Journal of Flexible Systems Management, 2018, 19, 19-37.	6.3	24
131	3D printing for development of medical equipment amidst coronavirus (COVID-19) pandemicâ€"review and advancements. Research on Biomedical Engineering, 2022, 38, 305-315.	2.2	24
132	Artificial Intelligence (AI) and Its Applications in Indian Manufacturing: A Review. Lecture Notes in Mechanical Engineering, 2021, , 825-835.	0.4	24
133	Exploring relationships between Lean 4.0 and manufacturing industry. Industrial Robot, 2022, 49, 402-414.	2.1	24
134	Poly-Ether-Ether-Ketone (PEEK) in orthopaedic practice- A current concept review. , 2022, 1, 3-7.		24
135	Symbiotic Relationship Between Machine Learning and Industry 4.0: A Review. Journal of Industrial Integration and Management, 2022, 07, 401-433.	4.8	23
136	Three-Dimensional-Printed Polyether Ether Ketone Implants for Orthopedics. Indian Journal of Orthopaedics, 2019, 53, 377-379.	1.1	23
137	3D printing applications for the treatment of cancer. Clinical Epidemiology and Global Health, 2020, 8, 1072-1076.	1.9	22
138	4D Printing for Automotive Industry Applications. Journal of the Institution of Engineers (India): Series D, 2021, 102, 521-529.	1.0	22
139	Analysing barriers towards management of Halal supply chain: a BWM approach. Journal of Islamic Marketing, 2022, 13, 66-80.	3.5	21
140	Impact of industry 4.0 to create advancements in orthopaedics. Journal of Clinical Orthopaedics and Trauma, 2020, 11, S491-S499.	1.5	21
141	3D bioprinting applications for the printing of skin: A brief study. Sensors International, 2021, 2, 100123.	8.4	21
142	Investigation of Drivers Towards Adoption of Circular Economy: A DEMATEL Approach. Lecture Notes in Mechanical Engineering, 2020, , 147-160.	0.4	21
143	Technology forecasting (TF) and technology assessment (TA) methodologies: a conceptual review. Benchmarking, 2019, 26, 48-72.	4.6	20
144	An update on the global vaccine development for coronavirus. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2020, 14, 2053-2055.	3.6	20

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145	Holography applications toward medical field: An overview. Indian Journal of Radiology and Imaging, 2020, 30, 354.	0.8	20
146	Automated guided vehicle configurations in flexible manufacturing systems: a comparative study. International Journal of Industrial and Systems Engineering, 2015, 21, 207.	0.2	19
147	Rapid Manufacturing: Classification and Recent Development. International Journal of Advanced Engineering Research and Science, 2017, 4, 29-40.	0.1	19
148	Compilation of Critical Success Factors in Implementation of Enterprise Systems: A Study on Indian Organisations. Global Journal of Flexible Systems Management, 2012, 13, 217-232.	6.3	18
149	Critical success factors of knowledge management: modelling and comparison using various techniques. International Journal of Industrial and Systems Engineering, 2015, 21, 180.	0.2	18
150	Understanding major dimensions and determinants that help in diffusion & adoption of product innovation: using AHP approach. Journal of Global Entrepreneurship Research, 2017, 7, 1.	1.6	18
151	Barriers to technology transfer: a total interpretative structural model approach. International Journal of Manufacturing Technology and Management, 2017, 31, 511.	0.1	18
152	Identify and prioritise the critical factors in implementing the reverse logistics practices: a case of Indian auto component manufacturer. International Journal of Business and Systems Research, 2017, 11, 42.	0.3	17
153	Expected role of four-dimensional (4D) CT and four-dimensional (4D) MRI for the manufacturing of smart orthopaedics implants using 4D printing. Journal of Clinical Orthopaedics and Trauma, 2019, 10, S234-S235.	1.5	17
154	Investigating Barriers Toward the Implementation of Circular Economy: A Fuzzy CRITIC Approach. Journal of Industrial Integration and Management, 2021, 06, 107-139.	4.8	17
155	Study of reasons for enterprise systems adoption among Indian organizations. Journal of Enterprise Information Management, 2014, 27, 696-718.	7.5	16
156	Assessing Barriers to Adopting and Implementing Halal Practices in Logistics Operations. IOP Conference Series: Materials Science and Engineering, 0, 404, 012012.	0.6	16
157	Digital Management Systems in Manufacturing Using Industry 5.0 Technologies. Lecture Notes in Mechanical Engineering, 2022, , 221-234.	0.4	16
158	Significance of 4D printing for dentistry: Materials, process, and potentials. Journal of Oral Biology and Craniofacial Research, 2022, 12, 388-395.	1.9	16
159	3 D scanner integration with product development. International Journal of Engineering and Technology(UAE), 2018, 7, 220.	0.3	15
160	Development of hydraulic cross floating valve. Review of Scientific Instruments, 2019, 90, 085102.	1.3	15
161	Halal certification, the inadequacy of its adoption, modelling and strategising the efforts. Journal of Islamic Marketing, 2019, 11, 384-404.	3.5	15
162	Nanomedicine Technology and COVID-19 Outbreak: Applications and Challenges. Journal of Industrial Integration and Management, 2021, 06, 161-174.	4.8	15

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163	Advancements in Biosensor Technologies for Medical Field and COVID-19 Pandemic. Journal of Industrial Integration and Management, 2021, 06, 175-191.	4.8	15
164	Dentistry 4.0 technologies applications for dentistry during COVID-19 pandemic. Sustainable Operations and Computers, 2021, 2, 87-96.	13.1	15
165	Prospects of Jewelry Designing and Production by Additive Manufacturing. Lecture Notes in Mechanical Engineering, 2021, , 869-879.	0.4	15
166	Role of Supply Chain Management in Context of Total Quality Management in Flexible Systems: A State-of the-Art Literature Review. Global Journal of Flexible Systems Management, 2009, 10, 1-14.	6.3	14
167	Comparison of Monte Carlo Simulation, Least Square Fitting and Calibration Factor Methods for the Evaluation of Measurement Uncertainty Using Direct Pressure Indicating Devices. Mapan - Journal of Metrology Society of India, 2019, 34, 305-315.	1.5	14
168	Greening the supply chain using SAP-LAP analysis: a case study of an auto ancillary company in India. International Journal of Business Excellence, 2014, 7, 724.	0.3	13
169	Selection of Traceable Technology in Food Supply Chain. IOP Conference Series: Materials Science and Engineering, 0, 404, 012010.	0.6	13
170	Analysing the behaviour of doubling rates in 8 major countries affected by COVID-19 virus. Journal of Oral Biology and Craniofacial Research, 2020, 10, 478-483.	1.9	13
171	Mathematical Modelling & Pressure Drop Analysis of Fused Deposition Modelling Feed Wire. International Journal of Engineering and Technology, 2017, 9, 2885-2894.	0.1	13
172	Evaluation of factors important to enhance productivity. Cogent Engineering, 2016, 3, 1145043.	2.2	12
173	Towards Effective Management of Cold Chain: A DEMATEL Approach. IOP Conference Series: Materials Science and Engineering, 0, 404, 012019.	0.6	12
174	Different Flexibilities of 3D Scanners and Their Impact on Distinctive Applications. International Journal of Business Analytics, 2020, 7, 37-53.	0.4	12
175	Tissue Engineering and its Significance in Healthcare During COVID-19 Pandemic: Potential Applications and Perspectives. Journal of Industrial Integration and Management, 2021, 06, 221-233.	4.8	12
176	A laconic capitulation of high pressure metrology. Measurement: Journal of the International Measurement Confederation, 2022, 187, 110226.	5.0	12
177	Comparative evaluation of GSCM practices in automotive components manufacturing firms of India: a fuzzy TOPSIS approach. International Journal of Logistics Systems and Management, 2016, 25, 358.	0.2	11
178	Green Construction in India: Gaining a Deeper Understanding. Journal of Architectural Engineering, 2009, 15, 10-13.	1.6	10
179	Comparison of Fused Deposition Modeling and Color Jet 3D Printing Technologies for the Printing of Mathematical Geometries. Journal of Industrial Integration and Management, 2021, 06, 93-105.	4.8	10
180	Virtual reality (VR) applications in dentistry: An innovative technology to embrace. Indian Journal of Dental Research, 2020, 31, 666.	0.4	10

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181	A grey-based framework for circular supply chain management: a forward step towards sustainability. Management of Environmental Quality, 2022, ahead-of-print, .	4.3	10
182	Recent development of cellular manufacturing systems. Sadhana - Academy Proceedings in Engineering Sciences, 2013, 38, 421-428.	1.3	9
183	Modelling Inland Waterborne Transport for Supply Chain Policy Planning: An Indian Perspective. Global Journal of Flexible Systems Management, 2017, 18, 353-366.	6.3	9
184	Evaluating technology management factors for fly-ash utilization in the road sector using an ISM approach. International Journal of Management Science and Engineering Management, 2018, 13, 108-117.	3.1	9
185	Assessing innovativeness of manufacturing firms using an intuitionistic fuzzy based MCDM framework. Benchmarking, 2019, 26, 1823-1844.	4.6	9
186	Enablers, Barriers, and Critical Success Factors for Effective Adoption of Color-Jet 3D Printing Technology. Journal of Industrial Integration and Management, 2019, , 1950009.	4.8	9
187	Electricity Generation Through Water Supply Pipes in High Rise Buildings. Journal of Industrial Integration and Management, 2021, 06, 449-468.	4.8	9
188	Impact of COVID-19 Pandemic on Particulate Matter (PM) concentration and harmful gaseous components on Indian metros. Sustainable Operations and Computers, 2021, 2, 1-11.	13.1	9
189	Effective adoption of remanufacturing practices: a step towards circular economy. Journal of Remanufacturing, 2022, 12, 167-185.	2.7	9
190	E-Governance: An Emerging Paradigm. Vision, 2002, 6, 99-109.	2.4	8
191	Technological Innovation challenges and opportunities in India and the developing countries. , 2015, , .		8
192	Four-dimensional printing applications in dentistry. Current Medicine Research and Practice, 2019, 9, 41-42.	0.1	8
193	3D printing applications towards the required challenge of stem cells printing. Clinical Epidemiology and Global Health, 2020, 8, 862-867.	1.9	8
194	Examining the link between Halal supply chain management and sustainability. International Journal of Productivity and Performance Management, 2022, 71, 2793-2819.	3.7	8
195	Design of a Production System Using Genetic Algorithm. Procedia Technology, 2014, 14, 390-396.	1.1	7
196	Knowledge management-enablers and barriers: a questionnaire-based study. International Journal of Knowledge Engineering and Data Mining, 2014, 3, 31.	0.0	7
197	Prioritising Barriers towards Adoption of Sustainable Consumption and Production Practices using TOPSIS. IOP Conference Series: Materials Science and Engineering, 2018, 404, 012011.	0.6	7
198	A Comparative Analysis of Different Rapid Prototyping Techniques for Making Intricately Shaped Structure. Journal of Industrial Integration and Management, 2020, 05, 393-407.	4.8	7

#	Article	IF	Citations
199	Holography applications for orthopaedics. Indian Journal of Radiology and Imaging, 2019, 29, 477-479.	0.8	7
200	Can sustainability be achieved through sustainable oriented innovation practices? Empirical evidence of micro, small and medium scale manufacturing enterprises. Sustainable Development, 2022, 30, 1591-1615.	12.5	7
201	Strategic planning of service supply chain using dynamic SAP-LAP model: a case study of a leading gas organisation in India. International Journal of Services, Economics and Management, 2012, 4, 169.	0.2	6
202	Thermo-economic and multiobjective optimization of saturated and superheated organic Rankine cycle using a low-grade solar heat source. Journal of Renewable and Sustainable Energy, 2017, 9, .	2.0	6
203	Redesign of Car Body by Reverse Engineering Technique using Steinbichler 3D Scanner and Projet 3D Printer. Journal of Industrial Integration and Management, 2022, 07, 171-182.	4.8	6
204	3D Printing Technology and its Significant Applications in the Context of Healthcare Education. Journal of Industrial Integration and Management, 2023, 08, 113-130.	4.8	6
205	Understanding the Adoption of Halal Logistics through Critical Success Factors and Stakeholder Objectives. Logistics, 2021, 5, 38.	4.3	6
206	Analysing Challenges Towards Development of Smart City Using WASPAS. Lecture Notes in Civil Engineering, 2020, , 463-474.	0.4	6
207	Progressive schema of 5G for Industry 4.0: features, enablers, and services. Industrial Robot, 2022, 49, 527-543.	2.1	6
208	Analysis of maiden modal shift in coal transportation supply chain using SAP-LAP technique. International Journal of Logistics Systems and Management, 2018, 30, 458.	0.2	5
209	Performance evaluation of solar photovoltaic electricity-generating systems: an Indian perspective. International Journal of Sustainable Engineering, 2019, 12, 70-75.	3.5	5
210	Potential of 3D Printing Technologies in Developing Applications of Polymeric Nanocomposites. Composites Science and Technology, 2021, , 193-210.	0.6	5
211	Defining Food Supply Chain Management â€" A Study Based on a Literature Survey. Journal of Industrial Integration and Management, 2021, 06, 71-91.	4.8	5
212	Industry 4.0 and its applications in dentistry. Indian Journal of Dental Research, 2020, 31, 824.	0.4	5
213	Impact of three dimensional printing in orthopedics. Global Health Journal (Amsterdam, Netherlands), 2021, 5, 178-182.	3.6	5
214	Holography and its applications for industry 4.0: An overview. Internet of Things and Cyber-physical Systems, 2022, 2, 42-48.	8.7	5
215	Extensive Capabilities of Additive Manufacturing and Its Metrological Aspects. Mapan - Journal of Metrology Society of India, 2022, 37, 707-720.	1.5	5
216	Optimization of Cellular Manufacturing Systems Using Genetic Algorithm: A Review. Advanced Materials Research, 0, 622-623, 60-63.	0.3	4

#	Article	IF	Citations
217	Contributions in research in the field of innovation management: analysis of critical success factors, benefits and risks. International Journal of Quality and Innovation, 2014, 2, 310.	0.6	4
218	Impact of critical success factors on successful technology implementation in Consumer Packaged Goods (CPG) supply chain. Management Science Letters, 2017, , 213-224.	1.5	4
219	4D printing applications in cardiology. Current Medicine Research and Practice, 2018, 8, 245.	0.1	4
220	Quality 4.0 technologies to enhance traditional Chinese medicine for overcoming healthcare challenges during COVID-19. Digital Chinese Medicine, 2021, 4, 71-80.	1.1	4
221	Total Interpretive Structural Modelling of Critical Factors of Sustainable-Oriented Innovation for Indian Manufacturing MSMEs. Lecture Notes in Mechanical Engineering, 2020, , 95-106.	0.4	4
222	Qualitative analysis of drivers of poka-yoke in small and medium enterprises of Indian automobile sector. International Journal of Process Management and Benchmarking, 2019, 9, 232.	0.2	4
223	An integrated approach to analyse requisites of product innovation management. International Journal of Business Innovation and Research, 2018, 16, 36.	0.2	3
224	Compensating Impact of Globalisation Through Fairtrade Practices. Contributions To Management Science, 2019, , 269-283.	0.5	3
225	Make-over in the sustainable working platform during COVID-19 pandemic. Sustainable Operations and Computers, 2020, 1, 8-12.	13.1	3
226	Pedagogy and innovative care tenets in COVID-19 pandemic: An enhancive way through Dentistry 4.0. Sensors International, 2021, 2, 100118.	8.4	3
227	Automation of AM Via IoT Towards Implementation of e-logistics in Supply Chain for Industry 4.0. Lecture Notes in Mechanical Engineering, 2023, , 181-189.	0.4	3
228	Proposed Model for Optimizing Production System Using CMS. Applied Mechanics and Materials, 2013, 281, 673-676.	0.2	2
229	Benchmarking using an index for bullwhip effect mitigation. Uncertain Supply Chain Management, 2016, , 161-170.	3.2	2
230	Thermodynamic analysis and utilisation of wet ethanol in homogeneous charge compression ignition engine. International Journal of Sustainable Energy, 2016, 35, 33-46.	2.4	2
231	Design and Analysis of Steering Knuckle Joint. Lecture Notes in Mechanical Engineering, 2019, , 423-431.	0.4	2
232	Dimensional Errors During Scanning of Product Using 3D Scanner. Lecture Notes in Mechanical Engineering, 2019, , 727-736.	0.4	2
233	Current Status, Applications, and Factors Affecting Implementation of Additive Manufacturing in Indian Healthcare Sector: A Literature-Based Review. Lecture Notes in Mechanical Engineering, 2021, , 1015-1030.	0.4	2
234	Simulation of Kinematic Supports of Surfaces Plates for Optimum Flatness Tolerance. Mapan - Journal of Metrology Society of India, 2021, 36, 279-286.	1.5	2

#	Article	IF	Citations
235	Systematic Development in Medical by Using 3D Printing Technology: A Brief Review. Journal of Industrial Integration and Management, 0, , .	4.8	2
236	Indian Implementation of Alternative Refrigerant Technology: A Dynamic Analysis. Global Journal of Flexible Systems Management, 2007, 8, 39-48.	6.3	1
237	Optimal Design of a Production System. Lecture Notes in Mechanical Engineering, 2016, , 697-703.	0.4	1
238	Facilitating Fair Trade Practices as a Development Strategy. IOP Conference Series: Materials Science and Engineering, 2018, 404, 012009.	0.6	1
239	Modelling Factors of Innovation Management for Its Implementation in MSMEs of Developing Countries: An IRP Approach. Contributions To Management Science, 2019, , 183-203.	0.5	1
240	Design and simulation studies on the development of a high pressure cell upto 1.0â€¯GPa for industrial and scientific metrological application. Materials Today: Proceedings, 2020, 21, 1632-1636.	1.8	1
241	Analysis of the critical factors for integration of sustainability with lean practices for Indian manufacturing enterprises. International Journal of Forensic Engineering and Management, 2020, 1, 116.	0.1	1
242	Recent Development in Virtual Cellular Manufacturing System. Lecture Notes in Mechanical Engineering, 2020, , 1-7.	0.4	1
243	3D Printing Applications for Radiology: An Overview. Indian Journal of Radiology and Imaging, 2021, 31, 10-17.	0.8	1
244	Flexibility in Business Excellence in Knowledge Economy. Global Journal of Flexible Systems Management, 2008, 9, iii-iii.	6.3	0
245	Performance Optimization of an Imbalanced Flexible Manufacturing System Using Taguchi Approach. Global Journal of Flexible Systems Management, 2011, 12, 81-89.	6.3	0
246	Performance Analysis of Free Air Cooling Conditioning Chamber (FACCC) to Develop Improved Cold Chain During Transportation of Agricultural Crops in India. Lecture Notes in Mechanical Engineering, 2019, , 451-458.	0.4	0
247	Geometrical Benchmarking evaluation of ProJet 3D printer using proposed simplified 3D Artifact. Engineering Research Express, 2019, 1, 025037.	1.6	0
248	Analysis of the Critical Factors for Integration of Sustainability with Lean Practices for Indian Manufacturing Enterprises. Design Science and Innovation, 2021, , 119-125.	0.3	0
249	Identifying and Modelling of Constructs for Innovation Management of MSMEs: An ISM Approach. Lecture Notes in Mechanical Engineering, 2020, , 135-146.	0.4	0
250	A Low-Cost Cold Chain Suggestion for Indian Fruit and Vegetable. Lecture Notes in Mechanical Engineering, 2020, , 71-77.	0.4	0
251	Analysis of Firm-Level Innovativeness Indicators. Lecture Notes in Mechanical Engineering, 2020, , 635-642.	0.4	0
252	A New 3D Benchmarking Artifact to Evaluate Dimensional Accuracy and Geometric Tolerancing of Additive Manufacturing Technique. Lecture Notes in Mechanical Engineering, 2020, , 261-273.	0.4	0

#	Article	IF	Citations
253	Finite Element Method (FEM) Analysis for the Design and Optimization of a Cross Floating Valve for Pressure Metrology Applications. Advanced Science, Engineering and Medicine, 2020, 12, 1358-1363.	0.3	0