

Tugrul Daim

List of Publications by Year in descending order

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Version: 2024-02-01

310
papers

7,594
citations

76326

40
h-index

74163

75
g-index

337
all docs

337
docs citations

337
times ranked

5402
citing authors

#	ARTICLE	IF	CITATIONS
1	Forecasting emerging technologies: Use of bibliometrics and patent analysis. <i>Technological Forecasting and Social Change</i> , 2006, 73, 981-1012.	11.6	813
2	A review of scenario planning. <i>Futures</i> , 2013, 46, 23-40.	2.5	608
3	Selection of renewable energy technologies for a developing county: A case of Pakistan. <i>Energy for Sustainable Development</i> , 2011, 15, 420-435.	4.5	300
4	Measuring the efficiency of university technology transfer. <i>Technovation</i> , 2007, 27, 306-318.	7.8	248
5	Exploring the communication breakdown in global virtual teams. <i>International Journal of Project Management</i> , 2012, 30, 199-212.	5.6	198
6	A taxonomic review of methods and tools applied in technology assessment. <i>Technological Forecasting and Social Change</i> , 2008, 75, 1396-1405.	11.6	161
7	Application of technology roadmaps for renewable energy sector. <i>Technological Forecasting and Social Change</i> , 2010, 77, 1355-1370.	11.6	139
8	Implementing technology roadmap process in the energy services sector: A case study of a government agency. <i>Technological Forecasting and Social Change</i> , 2008, 75, 687-720.	11.6	136
9	Exploring gender differences in attitudes of university students towards entrepreneurship. <i>International Journal of Gender and Entrepreneurship</i> , 2012, 4, 316-336.	3.2	123
10	Evaluation of energy storage technologies for integration with renewable electricity: Quantifying expert opinions. <i>Environmental Innovation and Societal Transitions</i> , 2012, 3, 29-49.	5.5	121
11	Organizational adoption of enterprise resource planning systems: A conceptual framework. <i>Journal of High Technology Management Research</i> , 2007, 18, 73-97.	4.9	118
12	Supply chain resilience during the COVID-19 pandemic. <i>Technology in Society</i> , 2022, 68, 101847.	9.4	118
13	Product and process innovation in manufacturing firms: a 30-year bibliometric analysis. <i>Scientometrics</i> , 2017, 113, 673-704.	3.0	89
14	Technology assessment for clean energy technologies: The case of the Pacific Northwest. <i>Technology in Society</i> , 2009, 31, 232-243.	9.4	87
15	Multi-Criteria Applications in Renewable Energy Analysis, a Literature Review. <i>Green Energy and Technology</i> , 2013, , 17-30.	0.6	87
16	Value Driven Technology Road Mapping (VTRM) process integrating decision making and marketing tools: Case of Internet security technologies. <i>Technological Forecasting and Social Change</i> , 2009, 76, 1055-1077.	11.6	79
17	A decision model for energy resource selection in China. <i>Energy Policy</i> , 2010, 38, 7130-7141.	8.8	74
18	Forecasting technology trends using text mining of the gaps between science and technology: The case of perovskite solar cell technology. <i>Technological Forecasting and Social Change</i> , 2019, 146, 432-449.	11.6	72

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19	Technology mining: Artificial intelligence in manufacturing. Technological Forecasting and Social Change, 2021, 171, 120971.	11.6	71
20	Forecasting technological positioning through technology knowledge redundancy: Patent citation analysis of IoT, cybersecurity, and Blockchain. Technological Forecasting and Social Change, 2020, 161, 120329.	11.6	70
21	Evaluation of Electrical Energy Storage (EES) technologies for renewable energy: A case from the US Pacific Northwest. Journal of Energy Storage, 2017, 11, 25-54.	8.1	68
22	Developing Oregon's renewable energy portfolio using fuzzy goal programming model. Computers and Industrial Engineering, 2010, 59, 786-793.	6.3	58
23	Technology assessment: Enabling Blockchain in hospitality and tourism sectors. Technological Forecasting and Social Change, 2021, 169, 120810.	11.6	57
24	Organizational adoption of information technologies: Case of enterprise resource planning systems. Journal of High Technology Management Research, 2008, 19, 21-35.	4.9	56
25	Technology Roadmapping for wind energy: case of the Pacific Northwest. Journal of Cleaner Production, 2012, 20, 27-37.	9.3	56
26	A critical assessment of information technology adoption: technical, organisational and personal perspectives. International Journal of Business Information Systems, 2010, 6, 315.	0.2	55
27	Technology roadmap through fuzzy cognitive map-based scenarios: the case of wind energy sector of a developing country. Technology Analysis and Strategic Management, 2016, 28, 131-155.	3.5	55
28	Technology roadmap development process (TRDP) for the service sector: A conceptual framework. Technology in Society, 2012, 34, 94-105.	9.4	54
29	Strategic roadmapping of robotics technologies for the power industry: A multicriteria technology assessment. Technological Forecasting and Social Change, 2018, 131, 49-66.	11.6	54
30	Technology forecasting for wireless communication. Technovation, 2008, 28, 602-614.	7.8	53
31	Integrating patent analysis into technology roadmapping: A latent dirichlet allocation based technology assessment and roadmapping in the field of Blockchain. Technological Forecasting and Social Change, 2021, 167, 120729.	11.6	52
32	Development of future energy scenarios with intelligent algorithms: Case of hydro in Turkey. Energy, 2010, 35, 1724-1729.	8.8	51
33	Adoption factors of electronic health record systems. Technology in Society, 2019, 58, 101144.	9.4	49
34	The impact of open-border organization culture and employees' knowledge, attitudes, and rewards with regards to open innovation: an empirical study. Journal of Knowledge Management, 2020, 24, 2273-2297.	5.1	49
35	A strategy to assist management in workforce engagement and employee retention in the high tech engineering environment. Evaluation and Program Planning, 2010, 33, 468-476.	1.6	47
36	Research Forecasting for Health Information Technology (HIT), using technology intelligence. Technological Forecasting and Social Change, 2012, 79, 498-508.	11.6	47

#	ARTICLE	IF	CITATIONS
37	What will it take to adopt smart glasses: A consumer choice based review?. <i>Technology in Society</i> , 2017, 50, 50-56.	9.4	47
38	Exploring the impact of the level of absorptive capacity in technology development firms. <i>Technological Forecasting and Social Change</i> , 2019, 138, 166-177.	11.6	47
39	Development of fuzzy cognitive map (FCM)â€based scenarios for wind energy. <i>International Journal of Energy Sector Management</i> , 2011, 5, 564-584.	2.3	46
40	Evaluating university industry collaborative research centers. <i>Technological Forecasting and Social Change</i> , 2019, 146, 181-202.	11.6	45
41	Exploring the impact of technology development and adoption for sustainable hydroelectric power and storage technologies in the Pacific Northwest United States. <i>Energy</i> , 2010, 35, 4771-4779.	8.8	44
42	Technology forecasting by analogy-based on social network analysis: The case of autonomous vehicles. <i>Technological Forecasting and Social Change</i> , 2019, 148, 119731.	11.6	42
43	The future of rail automation: A scenario-based technology roadmap for the rail automation market. <i>Technological Forecasting and Social Change</i> , 2016, 110, 196-212.	11.6	41
44	Augmented reality technology adoption: Case of a mobile application in Turkey. <i>Technology in Society</i> , 2021, 66, 101598.	9.4	41
45	Artificial markets: A review and assessment of a new venue for innovation research. <i>Technovation</i> , 2009, 29, 338-350.	7.8	40
46	Determining Patient Preferences for Remote Monitoring. <i>Journal of Medical Systems</i> , 2012, 36, 1389-1401.	3.6	39
47	Identifying and prioritizing impediments of industry 4.0 to sustainable digital manufacturing: A mixed method approach. <i>Journal of Cleaner Production</i> , 2022, 356, 131639.	9.3	39
48	Exploring renewable energy pricing with analytic network process â€ Comparing a developed and a developing economy. <i>Energy Economics</i> , 2012, 34, 882-891.	12.1	38
49	Evaluation of China's new energy vehicle policy texts with quantitative and qualitative analysis. <i>Technology in Society</i> , 2021, 67, 101770.	9.4	38
50	How Do Engineering Managers Evaluate Technologies for Acquisition? A Review of the Electronics Industry. <i>EMJ - Engineering Management Journal</i> , 2008, 20, 44-52.	2.3	37
51	Technology diffusion: forecasting with bibliometric analysis and Bass model. <i>Foresight</i> , 2009, 11, 45-55.	2.1	36
52	Studentsâ€™ entrepreneurial behavior: international and gender differences. <i>Journal of Innovation and Entrepreneurship</i> , 2016, 5, .	4.0	36
53	A framework for technology assessment: Case of a Thai building material manufacturer. <i>Energy for Sustainable Development</i> , 2009, 13, 280-286.	4.5	35
54	Data center metrics. <i>Management of Environmental Quality</i> , 2009, 20, 712-731.	4.3	35

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55	Patent analysis of wind energy technology using the patent alert system. World Patent Information, 2012, 34, 37-47.	1.7	35
56	Exploring linkage of quality management to innovation. Total Quality Management and Business Excellence, 2014, 25, 1126-1140.	3.8	35
57	Residential energy efficient device adoption in South Africa. Sustainable Energy Technologies and Assessments, 2013, 1, 13-27.	2.7	34
58	Adoption Factors of Mobile Services. International Journal of Information Systems in the Service Sector, 2009, 1, 15-34.	0.4	33
59	Towards building a multi perspective policy development framework for transition into renewable energy. Sustainable Energy Technologies and Assessments, 2017, 21, 67-88.	2.7	32
60	Technology Roadmap: Drone Delivery “ Amazon Prime Air. Innovation, Technology and Knowledge Management, 2018, , 387-412.	0.8	32
61	Managing Global Design Teams. Research Technology Management, 2008, 51, 48-59.	0.8	31
62	Technology transfer in China: literature review and policy implications. Journal of Science and Technology Policy in China, 2011, 2, 122-145.	0.2	31
63	Unraveling the attitudes on entrepreneurial universities: The case of Croatian and Spanish universities. Technology in Society, 2015, 42, 167-178.	9.4	31
64	Forecasting of emerging therapeutic monoclonal antibodies patents based on a decision model. Technological Forecasting and Social Change, 2019, 139, 185-199.	11.6	31
65	ASSESSING UNIVERSITY TECHNOLOGY TRANSFER: A MEASURE OF EFFICIENCY PATTERNS. International Journal of Innovation and Technology Management, 2008, 05, 495-526.	1.4	30
66	Interface feature prioritization for web services: Case of online flight reservations. Computers in Human Behavior, 2009, 25, 862-877.	8.5	30
67	Integrated blockchain and internet of things in the food supply chain: Adoption barriers. Technovation, 2022, 118, 102589.	7.8	30
68	Forecasting renewable energy production in the US. Foresight, 2012, 14, 225-241.	2.1	29
69	Time lag assessment between research funding and output in emerging technologies. Foresight, 2007, 9, 33-44.	2.1	28
70	Exploring technology acquisition in Oregon, Turkey and in the U.S. electronics manufacturing companies. Journal of High Technology Management Research, 2008, 19, 45-58.	4.9	27
71	OLED TV technology forecasting using technology mining and the Fisher-Pry diffusion model. Foresight, 2016, 18, 117-137.	2.1	27
72	Technology roadmap: Cattle farming sustainability in Germany. Journal of Cleaner Production, 2017, 142, 4310-4326.	9.3	27

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73	Technology adoption potential of medical devices: The case of wearable sensor products for pervasive care in neurosurgery and orthopedics. <i>Health Policy and Technology</i> , 2018, 7, 409-419.	2.5	27
74	Energy technology adoption: Case of solar photovoltaic in the Pacific Northwest USA. <i>Sustainable Energy Technologies and Assessments</i> , 2019, 34, 187-199.	2.7	27
75	Identification of energy policy priorities from existing energy portfolios using hierarchical decision model and goal programming. <i>International Journal of Energy Sector Management</i> , 2010, 4, 24-43.	2.3	26
76	Exploring relationships among internationalization, choice for research and development approach and technology source and resulting innovation intensity: Case of a transition country Croatia. <i>Journal of High Technology Management Research</i> , 2012, 23, 15-25.	4.9	26
77	“Smart building”™ technology network analysis: applying core“periphery structure analysis. <i>International Journal of Management Science and Engineering Management</i> , 2017, 12, 1-11.	3.1	26
78	Exploring the Adoption of Technology Driven Services in the Healthcare Industry. <i>International Journal of Information Systems in the Service Sector</i> , 2010, 2, 71-93.	0.4	26
79	Forecasting energy storage technologies. <i>Foresight</i> , 2009, 11, 74-85.	2.1	25
80	Site selection for a data centre “ a multi-criteria decision-making model. <i>International Journal of Sustainable Engineering</i> , 2013, 6, 10-22.	3.5	25
81	Adoption of health information technologies: the case of a wireless monitor for diabetes and obesity patients. <i>Technology Analysis and Strategic Management</i> , 2013, 25, 923-938.	3.5	24
82	Scenarios for regional waste management. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 74, 1323-1335.	16.4	24
83	40 years of excellence: An overview of Technovation and a roadmap for future research. <i>Technovation</i> , 2021, 106, 102303.	7.8	23
84	An intuitionistic fuzzy data-driven product ranking model using sentiment analysis and multi-criteria decision-making. <i>Technological Forecasting and Social Change</i> , 2021, 173, 121158.	11.6	22
85	Forecasting the future of data storage: case of hard disk drive and flash memory. <i>Foresight</i> , 2008, 10, 34-49.	2.1	21
86	HDM Modeling as a Tool to Assist Management With Employee Motivation: The Case of Silicon Forest. <i>EMJ - Engineering Management Journal</i> , 2010, 22, 23-33.	2.3	21
87	R&D trend analysis based on patent mining: An integrated use of patent applications and invalidation data. <i>Technological Forecasting and Social Change</i> , 2021, 167, 120691.	11.6	21
88	The use of readiness assessment for big data projects. <i>Sustainable Cities and Society</i> , 2020, 60, 102233.	10.4	21
89	Wood Pellet Technology Roadmap. <i>IEEE Transactions on Sustainable Energy</i> , 2012, 3, 218-230.	8.8	20
90	Technology Foresight: A Bibliometric Analysis to Identify Leading and Emerging Methods. <i>Foresight and STI Governance</i> , 2018, 12, 6-24.	1.8	20

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91	Exploring the contribution of the design characteristics of Information Systems' user interface to the adoption process. International Journal of Business Information Systems, 2009, 4, 489.	0.2	19
92	Measuring strategic technological strength :Patent Portfolio Model. Technological Forecasting and Social Change, 2020, 157, 120119.	11.6	19
93	Exploring post-adoption behaviors of e-service users: Evidence from the hospitality sector /online travel services. Technology in Society, 2022, 68, 101781.	9.4	19
94	A look into the future of wireless mobile communication technologies. Technology Analysis and Strategic Management, 2010, 22, 925-943.	3.5	18
95	Technology Forecasting Methods. Green Energy and Technology, 2013, , 67-112.	0.6	18
96	Technology Roadmap for the Single-Aisle Program of a Major Aircraft Industry Company. IEEE Engineering Management Review, 2018, 46, 103-120.	1.3	18
97	Factors Influencing Student Information Technology Adoption. IEEE Transactions on Engineering Management, 2023, 70, 631-643.	3.5	18
98	Developing metrics for emerging technologies: identification and assessment. Technological Forecasting and Social Change, 2022, 176, 121456.	11.6	18
99	Information technology diffusion in higher education. Technology in Society, 2007, 29, 469-482.	9.4	17
100	Exploring Adaptivity in Service Development: The Case of Mobile Platforms. Journal of Product Innovation Management, 2014, 31, 501-515.	9.5	17
101	An assessment model for energy efficiency program planning in electric utilities: Case of Northwest U.S.. Sustainable Energy Technologies and Assessments, 2016, 15, 42-59.	2.7	17
102	Forecasting the electric transformation in transportation: the role of battery technology performance. Technology Analysis and Strategic Management, 2017, 29, 1103-1120.	3.5	17
103	A regional technology roadmap to enable the adoption of CO2 heat pump water heater: A case from the Pacific Northwest, USA. Energy Strategy Reviews, 2017, 18, 157-174.	7.3	17
104	A research and development decision model for pharmaceutical industry: case of China. R and D Management, 2018, 48, 223-242.	5.3	17
105	Towards the assessment of technology transfer capabilities: An action research-enhanced HDM model. Technology in Society, 2020, 60, 101217.	9.4	17
106	Review of technology acquisition and adoption research in the energy sector. Technology in Society, 2011, 33, 183-183.	9.4	16
107	Optimizing the NW off-shore wind turbine design. Mathematical and Computer Modelling, 2012, 55, 396-404.	2.0	16
108	Mining research and invention activity for innovation trends: case of blockchain technology. Scientometrics, 2021, 126, 3775-3806.	3.0	16

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109	Technology convergence assessment: Case of blockchain within the IR 4.0 platform. <i>Technology in Society</i> , 2021, 67, 101709.	9.4	16
110	Smart thermostats: are we ready?. <i>International Journal of Energy Sector Management</i> , 2010, 4, 146-151.	2.3	15
111	EXPLORING TECHNOLOGY DIFFUSION: CASE OF INFORMATION TECHNOLOGIES. <i>International Journal of Information Technology and Decision Making</i> , 2010, 09, 195-222.	3.9	15
112	Multi-perspective analysis of the Chinese pharmaceutical sector. <i>Journal of Technology Management in China</i> , 2011, 6, 171-190.	0.2	15
113	Exploring information technology adoption in the classroom: case of online learning technology. <i>International Journal of Business Information Systems</i> , 2011, 7, 327.	0.2	15
114	Storage technologies for wind power in the Columbia River Gorge. <i>International Journal of Sustainable Energy</i> , 2014, 33, 1-15.	2.4	15
115	Evaluation of the Cryptocurrency Adoption Decision Using Hierarchical Decision Modeling (HDM). , 2019, , .		15
116	Evaluating alternative fuels in USA: a proposed forecasting framework using AHP and scenarios. <i>International Journal of Automotive Technology and Management</i> , 2007, 7, 289.	0.6	14
117	Exploring the role of technology evaluation in the competitiveness of US electronics manufacturing companies. <i>International Journal of Technology Management</i> , 2009, 48, 77.	0.5	14
118	Assessing renewable energy portfolio futures with multiple perspectives: The case of the northwest US. <i>Technology in Society</i> , 2010, 32, 255-263.	9.4	14
119	Forecasting airplane technologies. <i>Foresight</i> , 2010, 12, 38-54.	2.1	14
120	Technology domain analysis: A case of energy-efficient advanced commercial refrigeration technologies. <i>Sustainable Production and Consumption</i> , 2017, 12, 221-233.	11.0	14
121	Platform strategy framework for internet-based service development: case of eBay. <i>International Journal of Services, Technology and Management</i> , 2009, 11, 334.	0.1	13
122	A decision methodology for customising software products. <i>International Journal of Industrial and Systems Engineering</i> , 2009, 4, 554.	0.2	13
123	Roadmapping future powertrain technologies: a case study of Ford Otosan. <i>International Journal of Technology, Policy and Management</i> , 2010, 10, 157.	0.3	13
124	Structural Differentiation and Its Implicationsâ€”Core/Periphery Structure of the Technological Network. <i>Journal of the Knowledge Economy</i> , 2012, 3, 327-342.	4.4	13
125	Exploring the design factors of smart glasses. , 2015, , .		13
126	Participation in technology standards development: A decision model for the information and communications technology (ICT) industry. <i>Journal of High Technology Management Research</i> , 2017, 28, 47-60.	4.9	13

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127	Managing strategic intellectual property assets in the fuzzy front end of new product development process. <i>R and D Management</i> , 2018, 48, 354-374.	5.3	13
128	Technology roadmapping through intelligence analysis: case of nanotechnology. <i>International Journal of Society Systems Science</i> , 2008, 1, 49.	0.1	12
129	Exploring the impact of information technology on health information-seeking behaviour. <i>International Journal of Business Information Systems</i> , 2010, 5, 291.	0.2	12
130	Research and development (R&D) portfolio management in the electric utility sector. <i>Benchmarking</i> , 2013, 20, 186-211.	4.6	12
131	Exploring technology acceptance for online food services. <i>International Journal of Business Information Systems</i> , 2013, 12, 383.	0.2	12
132	Identifying and forecasting the reverse salient in video game consoles: A performance gap ratio comparative analysis. <i>Technological Forecasting and Social Change</i> , 2014, 82, 177-189.	11.6	12
133	Exploring technology adoption in the case of the Patient-Centered Medical Home. <i>Health Policy and Technology</i> , 2016, 5, 166-188.	2.5	12
134	Entrepreneurship education from a Croatian medical student's perspective. <i>Technology in Society</i> , 2019, 58, 101113.	9.4	12
135	Clean energy investment scenarios using the Bayesian network. <i>International Journal of Sustainable Energy</i> , 2014, 33, 400-415.	2.4	11
136	Keyword-based patent citation prediction via information theory. <i>International Journal of General Systems</i> , 2018, 47, 821-841.	2.5	11
137	Exploring the impact of knowledge management (KM) best practices for project management maturity models on the project management capability of organizations. <i>International Journal of Management Science and Engineering Management</i> , 2019, 14, 47-52.	3.1	11
138	Models for Energy Efficiency Obligation Systems through different perspectives. <i>Technology in Society</i> , 2021, 64, 101436.	9.4	11
139	Entrepreneurial university: The relationship between smart specialization innovation strategies and university-region collaboration. <i>Technology in Society</i> , 2021, 65, 101560.	9.4	11
140	Managing offshore outsourcing in the software industry. <i>Technology Analysis and Strategic Management</i> , 2009, 21, 881-897.	3.5	10
141	Identify the best alternatives to help the diffusion of teleconsultation by using the Hierarchical Decision Model (HDM). , 2015, , .		10
142	A measurement system for science and engineering research center performance evaluation. , 2016, , .		10
143	A Technology Roadmap to Uncontested Market Space Using Autonomous Vehicles in the Transportation Industry. <i>IEEE Engineering Management Review</i> , 2019, 47, 67-76.	1.3	10
144	Project Assessment Tools Evaluation and Selection Using the Hierarchical Decision Modeling: Case of State Departments of Transportation in the United States. <i>Journal of Management in Engineering - ASCE</i> , 2021, 37, .	4.8	10

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145	Applying digital technologies in technology roadmapping to overcome individual biased assessments. Technovation, 2022, 110, 102364.	7.8	10
146	Health technology diffusion: Case of remote patient monitoring (RPM) for the care of senior population. Technology in Society, 2021, 66, 101662.	9.4	10
147	Technology roadmap for the development of a 3D cell culture workstation for a biomedical industry startup. Technological Forecasting and Social Change, 2022, 174, 121213.	11.6	10
148	Technology management maturity assessment model in healthcare research centers. Technovation, 2023, 120, 102444.	7.8	10
149	Exploring the success factors of health information service adoption. , 2008, , .		9
150	Enterprise resource planning (ERP) selection for a medical devices manufacturing company. International Journal of Business Information Systems, 2010, 6, 265.	0.2	9
151	Research and development targetâ€setting difficulties addressed through the emergent method: technology forecasting using data envelopment analysis. R and D Management, 2012, 42, 327-341.	5.3	9
152	Impact of US Economic Crises on University Research and Development Investments. Journal of the Knowledge Economy, 2015, 6, 13-27.	4.4	9
153	A smart mass customization design tool: a case study of a portable ramp for wheelchair users. Health and Technology, 2020, 10, 723-737.	3.6	9
154	A new innovation paradigm: European cohesion policy and the retreat of public science in countries in Europe's scientific periphery. Thunderbird International Business Review, 2020, 62, 531-547.	1.8	9
155	A market diffusion potential (MDP) assessment model for residential energy efficient (EE) technologies in the U.S.. Renewable and Sustainable Energy Reviews, 2021, 144, 110968.	16.4	9
156	A FRAMEWORK FOR MANAGING THE FORECASTING PROCESS. International Journal of Innovation Management, 2008, 12, 597-627.	1.2	8
157	A multipleâ€perspective model for technology assessment. Journal of Technology Management in China, 2008, 3, 264-278.	0.2	8
158	Charting Health Information Technology Futures for Healthcare Services Organizations. International Journal of Healthcare Information Systems and Informatics, 2008, 3, 1-23.	0.9	8
159	Perspective: technology management in the service sector. International Journal of Services, Technology and Management, 2010, 13, 3.	0.1	8
160	Technology forecasting for residential energy management devices. Foresight, 2011, 13, 70-87.	2.1	8
161	Choosing a hybrid car using a hierarchical decision model. International Journal of Sustainable Society, 2011, 3, 243.	0.1	8
162	Impact of Renewable Energy Technology on the Economic Growth of the USA. Journal of the Knowledge Economy, 2012, 3, 233-249.	4.4	8

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163	Technology roadmap development process (TRDP) in the medical electronic device industry. International Journal of Business Innovation and Research, 2013, 7, 228.	0.2	8
164	A new approach to measuring time-lags in technology licensing: study of U.S. academic research institutions. Journal of Technology Transfer, 2014, 39, 748-773.	4.3	8
165	Critical Success Factors in Outsourcing: Case of Software Industry. , 2007, , .		7
166	Hierarchical modelling applied to agriculture: wheat planting decisions in the Pacific Northwest. International Journal of Society Systems Science, 2008, 1, 194.	0.1	7
167	Technology Adoption in Emerging Regions: Case of the Smartphone in Saudi Arabia. International Journal of Innovation and Technology Management, 2020, 17, .	1.4	7
168	Identifying Critical Issues in Smart City Big Data Project Implementation. , 2018, , .		7
169	Information Security Maturity Model for Healthcare Organizations in the United States. IEEE Transactions on Engineering Management, 2024, 71, 928-939.	3.5	7
170	Users and information technology: analysis of task information fit model. International Journal of Information and Decision Sciences, 2010, 2, 401.	0.1	6
171	Information technology acquisition in the service sector. International Journal of Services Sciences, 2010, 3, 21.	0.0	6
172	Technology Development Envelope Approach for The Adoption of Future Powertrain Technologies: A Case Study on Ford Otosan Roadmapping Model. Journal of Transportation System Engineering and Information Technology, 2011, 11, 58-69.	0.6	6
173	Measuring emotional reactions of university students towards a Student Information System (SIS): A Turkish university case. Technology in Society, 2020, 63, 101412.	9.4	6
174	Measuring perceived usability of university students towards a student information system (SIS): A Turkish university case. Technology in Society, 2020, 62, 101281.	9.4	6
175	R&D project evaluation: Technology transfer focus. Electricity Journal, 2021, 34, 106904.	2.5	6
176	Providing a framework for selecting the appropriate method of technology acquisition considering uncertainty in hierarchical group decision-making: Case Study: Interactive television technology. Technological Forecasting and Social Change, 2021, 168, 120760.	11.6	6
177	A scientometric review of technology capability research. Journal of Engineering and Technology Management - JET-M, 2021, 62, 101658.	2.7	6
178	Technology Transfer Evaluation: Driving Organizational Changes Through a Hierarchical Scoring Model. IEEE Transactions on Engineering Management, 2022, 69, 3392-3406.	3.5	6
179	Adoption of Energy Efficiency Technologies: A Review of Behavioral Theories for the Case of LED Lighting. Green Energy and Technology, 2013, , 229-248.	0.6	6
180	Emerging technology assessment. Journal of Technology Management in China, 2008, 3, 194-210.	0.2	5

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181	Knowledge driven planning tools for emerging and converging technologies. Technological Forecasting and Social Change, 2009, 76, 1.	11.6	5
182	A hierarchical decision model for optimum design alternative selection. International Journal of Decision Sciences, Risk and Management, 2009, 1, 2.	0.1	5
183	Forecasting the Maturity of Alternate Wind Turbine Technologies Through Patent Analysis. Green Energy and Technology, 2013, , 189-211.	0.6	5
184	Application of Fuzzy Cognitive Map for the Development of Scenarios: A Case Study of Wind Energy Deployment. Green Energy and Technology, 2013, , 129-159.	0.6	5
185	Service Innovation Adoption: the Case of Value-Added Mobile Services. Journal of the Knowledge Economy, 2014, 5, 784-802.	4.4	5
186	A study on the relationship between task, information, and individual performance. Technology in Society, 2016, 46, 1-9.	9.4	5
187	Forecasting Battery Electric Vehicles. , 2017, , .		5
188	Investigating the effects of foreign direct investment (FDI) on Croatian business. Journal of High Technology Management Research, 2017, 28, 208-220.	4.9	5
189	Technology Readiness Levels Improving R&D Management: A Grounded Theory Analysis. , 2017, , .		5
190	Exploring capability maturity models and relevant practices as solutions addressing information technology service offshoring project issues. International Journal of Management Science and Engineering Management, 2018, 13, 147-157.	3.1	5
191	Exploring the Multi-Phase Driven Process for Disruptive Business Model Innovation of E-Business Microcredit: a Multiple Case Study from China. Journal of the Knowledge Economy, 2019, 10, 590-617.	4.4	5
192	Exploring the Factors Influencing Big Data Technology Acceptance. IEEE Transactions on Engineering Management, 2023, 70, 1738-1753.	3.5	5
193	Knowledge management performance measurement based on World-Class Competitive Advantages to develop strategic-oriented projects: Case of Iranian oil industry. Technology in Society, 2021, 67, 101691.	9.4	5
194	Technology Selection for Solar Power Generation in the Middle East. , 0, , 480-505.		5
195	University technology transfer: A conceptual model of impacting factors and phased process. , 2009, , .		4
196	AHP application on evaluation of health information service attributes. , 2009, , .		4
197	A roadmap of industrial cluster development: a case study of Thailand's HDD cluster. International Journal of Foresight and Innovation Policy, 2009, 5, 244.	0.2	4
198	Research and development progress assessment through technological and scientific intelligence. International Journal of Technology Intelligence and Planning, 2009, 5, 341.	0.3	4

#	ARTICLE	IF	CITATIONS
199	A framework for technology transfer potential assessment. , 2016, , .		4
200	A hierarchical decision model (HDM) for exploring the adoption of electronic health records. , 2016, , .		4
201	Evaluating technologies for education: case of ePortfolio. Technology Innovation and Education, 2016, 2, .	0.9	4
202	Evaluating Technologies for Higher Education: E-Services. , 2018, , .		4
203	Industry 4.0 Value Roadmap. SpringerBriefs in Entrepreneurship and Innovation, 2019, , .	0.4	4
204	What drives continuance intention of disruptive technological innovation? The case of e-business microcredit in China. Technology Analysis and Strategic Management, 2022, 34, 905-918.	3.5	4
205	Expert Judgment Quantification. Green Energy and Technology, 2013, , 31-65.	0.6	4
206	An Acceptance Model for the Adoption of Smart Glasses Technology by Healthcare Professionals. Palgrave Studies of Internationalization in Emerging Markets, 2020, , 163-194.	0.2	4
207	Forecasting the adoption of emerging energy technologies: Managing climate change and evolving social values. , 2009, , .		3
208	Comparison of technology transfer from government labs in the US and Vietnam. Technology in Society, 2011, 33, 84-93.	9.4	3
209	Does movement of inventors between companies affect their productivity?. Technology in Society, 2012, 34, 196-206.	9.4	3
210	ARE FORMAL TECHNOLOGY INTEGRATION PROCESSES NEEDED FOR SUCCESSFUL PRODUCT INNOVATIONS?. International Journal of Innovation Management, 2013, 17, 1350016.	1.2	3
211	Systems of Technological Innovation. Journal of the Knowledge Economy, 2014, 5, 669-669.	4.4	3
212	Assessment of Wind Potential in Kalar Kahar Region by Comparing On-Site Data with NREL Wind Resource Map of Pakistan. Innovation, Technology and Knowledge Management, 2015, , 55-81.	0.8	3
213	Forecasting OLED TV technology using bibliometrics and Fisher-Pry diffusion model. , 2015, , .		3
214	Benchmarking of Technology Roadmapping Process in Energy Sector: A Literature Review. , 2017, , .		3
215	Tri-generation investment analysis using Bayesian network: A case study. International Journal of Green Energy, 2018, 15, 347-357.	3.8	3
216	TECHNOLOGY ROADMAPPING. , 2018, , i-783.		3

#	ARTICLE	IF	CITATIONS
217	Structuring financial incentives for residential solar electric systems. <i>Renewable Energy</i> , 2018, 115, 28-40.	8.9	3
218	Evaluate and Score Knowledge Management Activities and their Implementation During a Project Lifecycle Using (HDM). , 2018, , .		3
219	Technology Transfer: A Literature Review. <i>Innovation, Technology and Knowledge Management</i> , 2019, , 421-438.	0.8	3
220	Optimization of battery and wind technologies: Case of power deviation penalties. <i>Technology in Society</i> , 2020, 63, 101322.	9.4	3
221	Editorial The Decade of Technology Intelligence. <i>IEEE Transactions on Engineering Management</i> , 2020, 67, 2-3.	3.5	3
222	Matching of technological forecasting technique to a technology using fuzzy multi-attribute decision-making methods: Case study from the aerospace industry. <i>Technology in Society</i> , 2021, 67, 101707.	9.4	3
223	Critical Factors Related to Student Success Technology. <i>International Journal of Innovation and Technology Management</i> , 2020, 17, .	1.4	3
224	Understanding Factors Affecting Mobile Services Adoption. <i>International Journal of Information Systems in the Service Sector</i> , 2014, 6, 51-69.	0.4	3
225	Understanding Factors Affecting Mobile Services Adoption. <i>International Journal of Information Systems in the Service Sector</i> , 2014, 6, 60-79.	0.4	3
226	Technology Roadmapping, An Efficient Tool for Driving Regional Technological Changes. , 0, , 88-113.		3
227	Discovering technology opportunities based on the linkage between technology and business areas: matching patents and trademarks. <i>Technology Analysis and Strategic Management</i> , 2023, 35, 1324-1340.	3.5	3
228	Innovation leadership through technology transfer: Case of Turkish industry. <i>Technology in Society</i> , 2022, 68, 101909.	9.4	3
229	Technology Roadmapping through Intelligence Analysis: Nanotechnology. , 2007, , .		2
230	Generating intelligence on the research and development progress of emerging technologies using patent and publication information. , 2008, , .		2
231	Application of Technology Development Envelope (TDE) approach for future powertrain technologies: A case study of Ford Otosan. , 2009, , .		2
232	Is nuclear energy an alternative: a case of technology assessment in Oregon. <i>International Journal of Nuclear Governance, Economy and Ecology</i> , 2010, 3, 150.	0.2	2
233	An analysis model for Health Information Technology adoption. , 2011, , .		2
234	A grounded model of technology adoption capabilities: care coordination and health IT. <i>International Journal of Behavioural and Healthcare Research</i> , 2011, 2, 333.	0.1	2

#	ARTICLE	IF	CITATIONS
235	Decision model for selection of technologies to reduce IT operations energy cost in a medium-sized firm. <i>International Journal of Sustainable Engineering</i> , 2013, 6, 151-170.	3.5	2
236	Conceptualising WiMAX user acceptance. <i>International Journal of Business Information Systems</i> , 2013, 13, 116.	0.2	2
237	Opening the door to breakthroughs that address strategic organizational needs: Applying technology roadmapping tools and techniques at an electric utility. , 2015, , .		2
238	Technology Planning for Aligning Emerging Business Models and Regulatory Structures â€” The Case of Electric Vehicle Charging and the Smart Grid. , 2018, , .		2
239	Decision Making Model for Choosing Voice-Operated Intelligent Speakers for Graduate Students. , 2018, , .		2
240	Study on Consumer Requirements for Automotive Infotainment Systems. <i>Innovation, Technology and Knowledge Management</i> , 2019, , 163-221.	0.8	2
241	Exploring Technology and Engineering Management Research Landscape. , 2019, , .		2
242	Blockchain technology through the lens of disruptive innovation theory. , 2019, , .		2
243	Technology Adoption. <i>Advances in Wireless Technologies and Telecommunication Book Series</i> , 2021, , 96-119.	0.4	2
244	Technology Intelligence Map: Fast Charging for Electric Vehicles. <i>Applied Innovation and Technology Management</i> , 2021, , 399-416.	0.5	2
245	A Scoring Model to Evaluate Offshore Oil Projects. <i>EMJ - Engineering Management Journal</i> , 2022, 34, 436-449.	2.3	2
246	High Technology Industrialization and Internationalization. , 2012, , 70-98.		2
247	Range Based Model for Technology Requirements Hybrid Vehicle Technology Assessment Case Study. , 2006, , .		1
248	Comparing personal and organisational preferences in the acquisition of information technologies: case of personal computing. <i>International Journal of Decision Sciences, Risk and Management</i> , 2009, 1, 142.	0.1	1
249	Semiconductor manufacturing: decision analysis for fab site selection. <i>International Journal of Decision Sciences, Risk and Management</i> , 2010, 2, 199.	0.1	1
250	Knowledge management in businesses using service-oriented architecture – a practical implementation of Topic Maps using a case study of Amazon. <i>International Journal of Services, Economics and Management</i> , 2010, 2, 59.	0.2	1
251	Transmission Technology Assessment and Roadmapping. <i>Green Energy and Technology</i> , 2013, , 161-187.	0.6	1
252	The Application of Social Network Analysis: Case of Smart Roofing. <i>Innovation, Technology and Knowledge Management</i> , 2016, , 273-302.	0.8	1

#	ARTICLE	IF	CITATIONS
253	Technology Assessment: Developing Geothermal Energy Resources for Supporting Electrical System in Oregon. Innovation, Technology and Knowledge Management, 2018, , 67-175.	0.8	1
254	Patents and Networks: Case of Identification of Core Industry Actors for Electric Vehicle Battery by Application of Knowledge Flow. Series on Technology Management, 2018, , 121-146.	0.1	1
255	Learning Health Systems: A Multi-perspective Analysis. , 2018, , .		1
256	Technology Licensing Performance and Strategy of US Research Institutions. Innovation, Technology and Knowledge Management, 2019, , 531-549.	0.8	1
257	Identifying Technology and Research Communication Case of Wireless Power. , 2019, , .		1
258	Editorial: Managing Science and Technology During Crisis and Emergency. IEEE Transactions on Engineering Management, 2020, 67, 250-251.	3.5	1
259	Editorial: Publishing in Peer-Reviewed Journals. IEEE Transactions on Engineering Management, 2021, 68, 5-10.	3.5	1
260	A Technology Roadmap for a Standardized Platform for Autonomous Vehicle Systems. Applied Innovation and Technology Management, 2021, , 291-333.	0.5	1
261	Technology Roadmapping Maturity Assessment: A Case Study in Energy Sector. Applied Innovation and Technology Management, 2021, , 3-106.	0.5	1
262	Design based exploration of medical system adoption: Case of wheelchair ramps. Technology in Society, 2021, 66, 101620.	9.4	1
263	Evaluating Health Information Services. , 2011, , 1-13.		1
264	Forecasting the Adoption of Emerging Energy Technologies: Managing Climate Change, Governance and Evolving Social Values. Climate Change Management, 2013, , 119-137.	0.8	1
265	Technical Transformation: IT in Disaster Management. World Scientific Series in R&D Management, 2020, , 141-209.	0.0	1
266	Evaluating Transmission Technologies: Case of Bonneville Power Administration. , 2007, , .		0
267	Managerial Decisions in Service Industry: Case of Information Technology. , 2007, , .		0
268	Exploring the Relationship between Research Funding and Science Innovation Indicators in Emerging Technologies. , 2007, , .		0
269	Development of a hierarchical technology diffusion assessment framework through multiple perspectives: case of rural electrification in USA and China. Journal of Evidence-Based Medicine, 2010, 1, 179.	1.8	0
270	Managing the life cycle of technological innovations: strategies and tools. Technology Analysis and Strategic Management, 2010, 22, 115-116.	3.5	0

#	ARTICLE	IF	CITATIONS
271	From the Special Issue Editor: Managing Innovation Through Multiple Perspectives. EMJ - Engineering Management Journal, 2011, 23, 1-1.	2.3	0
272	Mass transportation: a Portland area case study. International Journal of Innovation and Sustainable Development, 2012, 6, 305.	0.4	0
273	Exploring Technological Innovation in a Global Economy. Journal of the Knowledge Economy, 2012, 3, 89-89.	4.4	0
274	Methods and Tools Applied in Strategic Technology Planning. Green Energy and Technology, 2013, , 1-15.	0.6	0
275	Assessment of Energy Efficiency Technologies: Case of Heat Pump Water Heaters. Green Energy and Technology, 2013, , 183-202.	0.6	0
276	Strategic Planning Decisions: An Overview. , 2013, , 1-10.		0
277	Technology planning for emerging business model and regulatory integration: The case of electric vehicle smart charging. , 2016, , .		0
278	Adoption Factors of Electronic Health Record Systems. Innovation, Technology and Knowledge Management, 2016, , 189-249.	0.8	0
279	Technology Assessment: Study of User Preferences for Weight Loss Mobile Applications Both Globally and in the United States. Innovation, Technology and Knowledge Management, 2018, , 297-324.	0.8	0
280	Advanced Methods: Exploring Technology Convergence as a Measure of Transition toward Connected Lighting System. Series on Technology Management, 2018, , 559-582.	0.1	0
281	Assessing Key Factors Impacting the Performance of Offshore Hydrocarbon Projects. , 2018, , .		0
282	Technology Transfer Assessment: An Integrated Approach. Innovation, Technology and Knowledge Management, 2019, , 439-460.	0.8	0
283	Additive Manufacturing (AM) Technology Assessment for Titanium Hip Implant Fabrication. Innovation, Technology and Knowledge Management, 2019, , 237-259.	0.8	0
284	Investigating the Sensing Activities in Strategic Planning with Multi-Dimensional Aspects: Timo. International Journal of Innovation and Technology Management, 2020, 17, 2050034.	1.4	0
285	Editorial Engineering and Technology Management: A Growing Field. IEEE Transactions on Engineering Management, 2020, 67, 514-515.	3.5	0
286	Editorial: Welcome to the Next Phase for IEEE Transactions on Engineering Management. IEEE Transactions on Engineering Management, 2021, 68, 3-4.	3.5	0
287	Technology Policy Roadmap: Big Data Privacy. Applied Innovation and Technology Management, 2021, , 107-124.	0.5	0
288	Technology Roadmap: Hyperloop One. Applied Innovation and Technology Management, 2021, , 225-243.	0.5	0

#	ARTICLE	IF	CITATIONS
289	Technology Intelligence Map: Lithium Metal Battery. Applied Innovation and Technology Management, 2021, , 439-447.	0.5	0
290	A Strategy Roadmap for Post-quantum Cryptography. Applied Innovation and Technology Management, 2021, , 171-207.	0.5	0
291	Unraveling the Dynamics of Immigrant Engineersâ€™ Full-Utilization in Australia. IEEE Transactions on Engineering Management, 2021, , 1-16.	3.5	0
292	Technology Roadmapping for Medical Imaging: Toward Improved Value. Innovation, Technology and Knowledge Management, 2014, , 101-134.	0.8	0
293	Technology Assessment: Energy Storage Technologies for Wind Power Generation. Innovation, Technology and Knowledge Management, 2014, , 91-113.	0.8	0
294	Wind Power Generation: Storage Technology Portfolio. , 2014, , 2215-2223.		0
295	Monitoring and Anticipating the Convergence of Lighting Control Strategies. , 2017, , .		0
296	Forecasting Super-Efficient Dryers Adoption in the Pacific Northwest. Studies in Systems, Decision and Control, 2018, , 41-64.	1.0	0
297	Technology Assessment: Nosocomial Infection Solutions. Innovation, Technology and Knowledge Management, 2018, , 271-295.	0.8	0
298	Critical Factors Related to Student Success Technology. , 2019, , .		0
299	Organizational Transformation: Consumer Goods. World Scientific Series in R&D Management, 2020, , 523-575.	0.0	0
300	Organizational Transformation: Semiconductors. World Scientific Series in R&D Management, 2020, , 445-478.	0.0	0
301	Technical Transformation: Transportation Technologies. World Scientific Series in R&D Management, 2020, , 3-23.	0.0	0
302	Technical Transformation: Cloud Computing. World Scientific Series in R&D Management, 2020, , 55-82.	0.0	0
303	Personal Transformation: Protocols for Home Automation Application. World Scientific Series in R&D Management, 2020, , 245-268.	0.0	0
304	Personal Transformation: Smart House. World Scientific Series in R&D Management, 2020, , 269-297.	0.0	0
305	Personal Transformation: Wearable GPS Device for Children. World Scientific Series in R&D Management, 2020, , 299-327.	0.0	0
306	Organizational Transformation: Universities. World Scientific Series in R&D Management, 2020, , 479-521.	0.0	0

#	ARTICLE	IF	CITATIONS
307	Technical Transformation: Internet of Things. World Scientific Series in R&D Management, 2020, , 83-139.	0.0	0
308	Technical Transformation: Cloud Services. World Scientific Series in R&D Management, 2020, , 25-53.	0.0	0
309	Personal Transformation: Drones. World Scientific Series in R&D Management, 2020, , 367-404.	0.0	0
310	Kaiser Permanente Internet of Things (IoT) Roadmap. Palgrave Studies in Democracy, Innovation, and Entrepreneurship for Growth, 2021, , 307-329.	0.4	0