

Tugrul U Daim

List of Publications by Year in descending order

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135
papers

4,319
citations

201575

27
h-index

118793

62
g-index

141
all docs

141
docs citations

141
times ranked

3684
citing authors

#	ARTICLE	IF	CITATIONS
1	A Scoring Model to Evaluate Offshore Oil Projects. EMJ - Engineering Management Journal, 2022, 34, 436-449.	1.4	2
2	Developing metrics for emerging technologies: identification and assessment. Technological Forecasting and Social Change, 2022, 176, 121456.	6.2	18
3	Project Assessment Tools Evaluation and Selection Using the Hierarchical Decision Modeling: Case of State Departments of Transportation in the United States. Journal of Management in Engineering - ASCE, 2021, 37, .	2.6	10
4	Models for Energy Efficiency Obligation Systems through different perspectives. Technology in Society, 2021, 64, 101436.	4.8	11
5	Technology Policy Roadmap: Big Data Privacy. Applied Innovation and Technology Management, 2021, , 107-124.	0.3	0
6	A Technology Roadmap for a Standardized Platform for Autonomous Vehicle Systems. Applied Innovation and Technology Management, 2021, , 291-333.	0.3	1
7	Technology Roadmap: Hyperloop One. Applied Innovation and Technology Management, 2021, , 225-243.	0.3	0
8	Technology Intelligence Map: Lithium Metal Battery. Applied Innovation and Technology Management, 2021, , 439-447.	0.3	0
9	A Strategy Roadmap for Post-quantum Cryptography. Applied Innovation and Technology Management, 2021, , 171-207.	0.3	0
10	Technology Roadmapping Maturity Assessment: A Case Study in Energy Sector. Applied Innovation and Technology Management, 2021, , 3-106.	0.3	1
11	Technology Adoption. Advances in Wireless Technologies and Telecommunication Book Series, 2021, , 96-119.	0.3	2
12	Kaiser Permanente Internet of Things (IoT) Roadmap. Palgrave Studies in Democracy, Innovation, and Entrepreneurship for Growth, 2021, , 307-329.	0.3	0
13	Evaluation of smart activity tracking wristbands' adoption criteria for university students. International Journal of Transitions and Innovation Systems, 2020, 6, 219.	0.3	0
14	Investigating the Sensing Activities in Strategic Planning with Multi-Dimensional Aspects: Timo. International Journal of Innovation and Technology Management, 2020, 17, 2050034.	0.8	0
15	Optimization of battery and wind technologies: Case of power deviation penalties. Technology in Society, 2020, 63, 101322.	4.8	3
16	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
17	Industry 4.0 Value Roadmap. SpringerBriefs in Entrepreneurship and Innovation, 2019, , .	0.4	4
18	Exploring Technology and Engineering Management Research Landscape. , 2019, , .		2

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19	Evaluation of the Cryptocurrency Adoption Decision Using Hierarchical Decision Modeling (HDM). , 2019, , .		15
20	Evaluating university industry collaborative research centers. Technological Forecasting and Social Change, 2019, 146, 181-202.	6.2	45
21	Energy technology adoption: Case of solar photovoltaic in the Pacific Northwest USA. Sustainable Energy Technologies and Assessments, 2019, 34, 187-199.	1.7	27
22	Strategic Technology Planning in Product-Service Systems with Embedded Customer Experience Requirements. , 2019, , .		2
23	Technology Roadmap: Drone Delivery â€“ Amazon Prime Air. Innovation, Technology and Knowledge Management, 2018, , 387-412.	0.4	32
24	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.	0.4	0
25	Technology Assessment: Developing Geothermal Energy Resources for Supporting Electrical System in Oregon. Innovation, Technology and Knowledge Management, 2018, , 67-175.	0.4	1
26	TECHNOLOGY ROADMAPPING. , 2018, , i-783.		3
27	Strategic roadmapping of robotics technologies for the power industry: A multicriteria technology assessment. Technological Forecasting and Social Change, 2018, 131, 49-66.	6.2	54
28	Structuring financial incentives for residential solar electric systems. Renewable Energy, 2018, 115, 28-40.	4.3	3
29	Technology Planning for Aligning Emerging Business Models and Regulatory Structures â€” The Case of Electric Vehicle Charging and the Smart Grid. , 2018, , .		2
30	Forecasting Super-Efficient Dryers Adoption in the Pacific Northwest. Studies in Systems, Decision and Control, 2018, , 41-64.	0.8	0
31	Technology Assessment: Nosocomial Infection Solutions. Innovation, Technology and Knowledge Management, 2018, , 271-295.	0.4	0
32	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.	3.9	68
33	Participation in technology standards development: A decision model for the information and communications technology (ICT) industry. Journal of High Technology Management Research, 2017, 28, 47-60.	2.7	13
34	Towards building a multi perspective policy development framework for transition into renewable energy. Sustainable Energy Technologies and Assessments, 2017, 21, 67-88.	1.7	32
35	What will it take to adopt smart glasses: A consumer choice based review?. Technology in Society, 2017, 50, 50-56.	4.8	47
36	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.	3.3	17

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37	Investigating the effects of foreign direct investment (FDI) on Croatian business. Journal of High Technology Management Research, 2017, 28, 208-220.	2.7	5
38	A measurement system for science and engineering research center performance evaluation. , 2016, , .		10
39	Technology planning for emerging business model and regulatory integration: The case of electric vehicle smart charging. , 2016, , .		0
40	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.	1.7	17
41	A study on the relationship between task, information, and individual performance. Technology in Society, 2016, 46, 1-9.	4.8	5
42	The Application of Social Network Analysis: Case of Smart Roofing. Innovation, Technology and Knowledge Management, 2016, , 273-302.	0.4	1
43	Evaluating technologies for education: case of ePortfolio. Technology Innovation and Education, 2016, 2, .	0.9	4
44	Adoption Factors of Electronic Health Record Systems. Innovation, Technology and Knowledge Management, 2016, , 189-249.	0.4	0
45	Exploring technology adoption in the case of the Patient-Centered Medical Home. Health Policy and Technology, 2016, 5, 166-188.	1.3	12
46	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.	2.0	55
47	Technology Assessment: Evaluating Personal Transportation Technologies. Innovation, Technology and Knowledge Management, 2016, , 61-93.	0.4	0
48	Technology assessment: case of the wearable computing for fitness. International Journal of Medical Engineering and Informatics, 2015, 7, 321.	0.2	8
49	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.	0.4	3
50	Impact of US Economic Crises on University Research and Development Investments. Journal of the Knowledge Economy, 2015, 6, 13-27.	2.7	9
51	Renewable Energy Technology Adoption in the Pacific Northwest: A Technology Policy Review. Innovation, Technology and Knowledge Management, 2015, , 17-30.	0.4	0
52	Storage technologies for wind power in the Columbia River Gorge. International Journal of Sustainable Energy, 2014, 33, 1-15.	1.3	15
53	Service Innovation Adoption: the Case of Value-Added Mobile Services. Journal of the Knowledge Economy, 2014, 5, 784-802.	2.7	5
54	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.	2.5	8

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55	Understanding Factors Affecting Mobile Services Adoption. International Journal of Information Systems in the Service Sector, 2014, 6, 51-69.	0.2	3
56	Technology Roadmapping for Medical Imaging: Toward Improved Value. Innovation, Technology and Knowledge Management, 2014, , 101-134.	0.4	0
57	Risk Management in Research and Development: A Case Study from the Semiconductor Industry. Innovation, Technology and Knowledge Management, 2014, , 163-172.	0.4	0
58	Technology Assessment: Energy Storage Technologies for Wind Power Generation. Innovation, Technology and Knowledge Management, 2014, , 91-113.	0.4	0
59	Assessment of Energy Efficiency Technologies: Case of Heat Pump Water Heaters. Green Energy and Technology, 2013, , 183-202.	0.4	0
60	Residential energy efficient device adoption in South Africa. Sustainable Energy Technologies and Assessments, 2013, 1, 13-27.	1.7	34
61	Adoption of health information technologies: the case of a wireless monitor for diabetes and obesity patients. Technology Analysis and Strategic Management, 2013, 25, 923-938.	2.0	24
62	Site selection for a data centre – a multi-criteria decision-making model. International Journal of Sustainable Engineering, 2013, 6, 10-22.	1.9	25
63	A review of scenario planning. Futures, 2013, 46, 23-40.	1.4	608
64	Research and development (R&D) portfolio management in the electric utility sector. Benchmarking, 2013, 20, 186-211.	2.9	12
65	Decision model for selection of technologies to reduce IT operations energy cost in a medium-sized firm. International Journal of Sustainable Engineering, 2013, 6, 151-170.	1.9	2
66	ARE FORMAL TECHNOLOGY INTEGRATION PROCESSES NEEDED FOR SUCCESSFUL PRODUCT INNOVATIONS?. International Journal of Innovation Management, 2013, 17, 1350016.	0.7	3
67	Technology roadmap development process (TRDP) in the medical electronic device industry. International Journal of Business Innovation and Research, 2013, 7, 228.	0.1	8
68	Exploring technology acceptance for online food services. International Journal of Business Information Systems, 2013, 12, 383.	0.2	12
69	Conceptualising WiMAX user acceptance. International Journal of Business Information Systems, 2013, 13, 116.	0.2	2
70	Exploring the impact of communication on innovation. International Journal of Business Information Systems, 2013, 13, 70.	0.2	8
71	Mass transportation: a Portland area case study. International Journal of Innovation and Sustainable Development, 2012, 6, 305.	0.3	0
72	Exploring relationships among internationalization, choice for research and development approach and technology source and resulting innovation intensity: Case of a transition country Croatia. Journal of High Technology Management Research, 2012, 23, 15-25.	2.7	26

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73	Evaluation of energy storage technologies for integration with renewable electricity: Quantifying expert opinions. <i>Environmental Innovation and Societal Transitions</i> , 2012, 3, 29-49.	2.5	121
74	Determining Patient Preferences for Remote Monitoring. <i>Journal of Medical Systems</i> , 2012, 36, 1389-1401.	2.2	39
75	Exploring the communication breakdown in global virtual teams. <i>International Journal of Project Management</i> , 2012, 30, 199-212.	2.7	198
76	Optimizing the NW off-shore wind turbine design. <i>Mathematical and Computer Modelling</i> , 2012, 55, 396-404.	2.0	16
77	Research Forecasting for Health Information Technology (HIT), using technology intelligence. <i>Technological Forecasting and Social Change</i> , 2012, 79, 498-508.	6.2	47
78	Technology roadmap development process (TRDP) for the service sector: A conceptual framework. <i>Technology in Society</i> , 2012, 34, 94-105.	4.8	54
79	Technology Roadmapping for wind energy: case of the Pacific Northwest. <i>Journal of Cleaner Production</i> , 2012, 20, 27-37.	4.6	56
80	Wood Pellet Technology Roadmap. <i>IEEE Transactions on Sustainable Energy</i> , 2012, 3, 218-230.	5.9	20
81	An analysis model for Health Information Technology adoption. , 2011, , .		2
82	Multi-€perspective analysis of the Chinese pharmaceutical sector. <i>Journal of Technology Management in China</i> , 2011, 6, 171-190.	0.2	15
83	An analysis on enhancing service delivery in the United States Coast Guard. <i>International Journal of Services and Operations Management</i> , 2011, 8, 142.	0.1	1
84	Technology roadmapping for mature industries: 2010 2050 global cement product roadmap. <i>International Journal of Technology, Policy and Management</i> , 2011, 11, 173.	0.1	2
85	A grounded model of technology adoption capabilities: care coordination and health IT. <i>International Journal of Behavioural and Healthcare Research</i> , 2011, 2, 333.	0.0	2
86	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
87	Exploring technology licensing in the South African manufacturing industry. <i>International Journal of Technology Transfer and Commercialisation</i> , 2011, 10, 152.	0.2	0
88	Review of technology acquisition and adoption research in the energy sector. <i>Technology in Society</i> , 2011, 33, 183-183.	4.8	16
89	Selection of renewable energy technologies for a developing county: A case of Pakistan. <i>Energy for Sustainable Development</i> , 2011, 15, 420-435.	2.0	300
90	Technology forecasting for residential energy management devices. <i>Foresight</i> , 2011, 13, 70-87.	1.2	8

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91	Choosing a hybrid car using a hierarchical decision model. International Journal of Sustainable Society, 2011, 3, 243.	0.0	8
92	Evaluating Health Information Services. , 2011, , 1-13.		1
93	Users and information technology: analysis of task information fit model. International Journal of Information and Decision Sciences, 2010, 2, 401.	0.1	6
94	Smart thermostats: are we ready?. International Journal of Energy Sector Management, 2010, 4, 146-151.	1.2	15
95	Exploring the impact of information technology on health information-seeking behaviour. International Journal of Business Information Systems, 2010, 5, 291.	0.2	12
96	Semiconductor manufacturing: decision analysis for fab site selection. International Journal of Decision Sciences, Risk and Management, 2010, 2, 199.	0.1	1
97	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.	0.7	0
98	Knowledge management in businesses using service-oriented architecture – a practical implementation of Topic Maps using a case study of Amazon. International Journal of Services, Economics and Management, 2010, 2, 59.	0.2	1
99	Information technology acquisition in the service sector. International Journal of Services Sciences, 2010, 3, 21.	0.0	6
100	Perspective: technology management in the service sector. International Journal of Services, Technology and Management, 2010, 13, 3.	0.1	8
101	Roadmapping future powertrain technologies: a case study of Ford Otosan. International Journal of Technology, Policy and Management, 2010, 10, 157.	0.1	13
102	Application of technology roadmaps for renewable energy sector. Technological Forecasting and Social Change, 2010, 77, 1355-1370.	6.2	139
103	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.	0.9	47
104	A decision model for energy resource selection in China. Energy Policy, 2010, 38, 7130-7141.	4.2	74
105	Developing Oregonâ€™s renewable energy portfolio using fuzzy goal programming model. Computers and Industrial Engineering, 2010, 59, 786-793.	3.4	58
106	HDM Modeling as a Tool to Assist Management With Employee Motivation: The Case of Silicon Forest. EMJ - Engineering Management Journal, 2010, 22, 23-33.	1.4	21
107	Identification of energy policy priorities from existing energy portfolios using hierarchical decision model and goal programming. International Journal of Energy Sector Management, 2010, 4, 24-43.	1.2	26
108	Exploring the Adoption of Technology Driven Services in the Healthcare Industry. International Journal of Information Systems in the Service Sector, 2010, 2, 71-93.	0.2	26

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109	University technology transfer: A conceptual model of impacting factors and phased process. , 2009, , .		4
110	Forecasting energy storage technologies. Foresight, 2009, 11, 74-85.	1.2	25
111	Value Driven Technology Road Mapping (VTRM) process integrating decision making and marketing tools: Case of Internet security technologies. Technological Forecasting and Social Change, 2009, 76, 1055-1077.	6.2	79
112	A framework for technology assessment: Case of a Thai building material manufacturer. Energy for Sustainable Development, 2009, 13, 280-286.	2.0	35
113	Managing offshore outsourcing in the software industry. Technology Analysis and Strategic Management, 2009, 21, 881-897.	2.0	10
114	AHP application on evaluation of health information service attributes. , 2009, , .		4
115	A hierarchical decision model for optimum design alternative selection. International Journal of Decision Sciences, Risk and Management, 2009, 1, 2.	0.1	5
116	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
117	Research and development progress assessment through technological and scientific intelligence. International Journal of Technology Intelligence and Planning, 2009, 5, 341.	0.6	4
118	Platform strategy framework for internet-based service development: case of eBay. International Journal of Services, Technology and Management, 2009, 11, 334.	0.1	13
119	Comparing personal and organisational preferences in the acquisition of information technologies: case of personal computing. International Journal of Decision Sciences, Risk and Management, 2009, 1, 142.	0.1	1
120	A decision methodology for customising software products. International Journal of Industrial and Systems Engineering, 2009, 4, 554.	0.1	13
121	Exploring the role of technology evaluation in the competitiveness of US electronics manufacturing companies. International Journal of Technology Management, 2009, 48, 77.	0.2	14
122	Implementing technology roadmap process in the energy services sector: A case study of a government agency. Technological Forecasting and Social Change, 2008, 75, 687-720.	6.2	136
123	Exploring technology acquisition in Oregon, Turkey and in the U.S. electronics manufacturing companies. Journal of High Technology Management Research, 2008, 19, 45-58.	2.7	27
124	Technology forecasting for wireless communication. Technovation, 2008, 28, 602-614.	4.2	53
125	Exploring Barriers to Innovation Diffusion in Health Care Service Organizations: An Issue for Effective Integration of Service Architecture and Information Technologies. , 2008, , .		10
126	Generating intelligence on the research and development progress of emerging technologies using patent and publication information. , 2008, , .		2

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127	Forecasting the future of data storage: case of hard disk drive and flash memory. Foresight, 2008, 10, 34-49.	1.2	21
128	A FRAMEWORK FOR MANAGING THE FORECASTING PROCESS. International Journal of Innovation Management, 2008, 12, 597-627.	0.7	8
129	A multipleâ€perspective model for technology assessment. Journal of Technology Management in China, 2008, 3, 264-278.	0.2	8
130	How Do Engineering Managers Evaluate Technologies for Acquisition? A Review of the Electronics Industry. EMJ - Engineering Management Journal, 2008, 20, 44-52.	1.4	37
131	Emerging technology assessment. Journal of Technology Management in China, 2008, 3, 194-210.	0.2	5
132	Evaluating alternative fuels in USA: a proposed forecasting framework using AHP and scenarios. International Journal of Automotive Technology and Management, 2007, 7, 289.	0.4	14
133	Measuring the efficiency of university technology transfer. Technovation, 2007, 27, 306-318.	4.2	248
134	Exploring the Relationship between Research Funding and Science Innovation Indicators in Emerging Technologies. , 2007, , .		0
135	Forecasting emerging technologies: Use of bibliometrics and patent analysis. Technological Forecasting and Social Change, 2006, 73, 981-1012.	6.2	813