

Dursun Delen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1848331/dursun-delen-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

141
papers

5,594
citations

42
h-index

73
g-index

164
ext. papers

6,908
ext. citations

5.2
avg, IF

6.54
L-index

#	Paper	IF	Citations
141	An explanatory machine learning framework for studying pandemics: The case of COVID-19 emergency department readmissions.. <i>Decision Support Systems</i> , 2022 , 113730	5.6	0
140	Deep-learning-based short-term electricity load forecasting: A real case application. <i>Engineering Applications of Artificial Intelligence</i> , 2022 , 109, 104645	7.2	3
139	An explanatory analytics framework for early detection of chronic risk factors in pandemics. <i>Healthcare Analytics</i> , 2022 , 2, 100020		0
138	A deep learning approach for predicting early bounce-backs to the emergency departments. <i>Healthcare Analytics</i> , 2022 , 2, 100018		2
137	Can customer sentiment impact firm value? An integrated text mining approach. <i>Technological Forecasting and Social Change</i> , 2022 , 174, 121265	9.5	6
136	The use of multi-criteria decision-making methods in business analytics: A comprehensive literature review. <i>Technological Forecasting and Social Change</i> , 2022 , 174, 121193	9.5	11
135	A probabilistic data analytics methodology based on Bayesian Belief network for predicting and understanding breast cancer survival. <i>Knowledge-Based Systems</i> , 2022 , 242, 108407	7.3	1
134	An interactive decision support system for real-time ambulance relocation with priority guidelines. <i>Decision Support Systems</i> , 2022 , 155, 113712	5.6	0
133	Social capital and organizational performance: The mediating role of innovation activities and intellectual capital. <i>Healthcare Analytics</i> , 2022 , 100046		2
132	An analytics approach to decision alternative prioritization for zero-emission zone logistics. <i>Journal of Business Research</i> , 2022 , 146, 554-570	8.7	0
131	A Fuzzy Prescriptive Analytics Approach to Power Generation Capacity Planning. <i>Energies</i> , 2022 , 15, 3176.1		
130	The Interrelationships between the length of stay, readmission, and post-acute care referral in cardiac surgery patients. <i>Healthcare Analytics</i> , 2022 , 100062		
129	An explanatory analytics model for identifying factors indicative of long- versus short-term survival after lung transplantation. <i>Decision Analytics Journal</i> , 2022 , 3, 100058		0
128	An interpretable decision-support systems for daily cryptocurrency trading. <i>Expert Systems With Applications</i> , 2022 , 203, 117409	7.8	0
127	Derivation and Validation of Essential Predictors and Risk Index for Early Detection of Diabetic Retinopathy Using Electronic Health Records. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
126	Predicting and Explaining Pig Iron Production on Charcoal Blast Furnaces: A Machine Learning Approach. <i>Interfaces</i> , 2021 , 51, 213-235	0.7	1
125	A text-mining based cyber-risk assessment and mitigation framework for critical analysis of online hacker forums. <i>Decision Support Systems</i> , 2021 , 152, 113651	5.6	4

124	Crafting performance-based cryptocurrency mining strategies using a hybrid analytics approach. <i>Decision Support Systems</i> , 2021 , 142, 113473	5.6	5
123	A novel diffusion-based model for estimating cases, and fatalities in epidemics: The case of COVID-19. <i>Journal of Business Research</i> , 2021 , 124, 163-178	8.7	5
122	A critical analysis of COVID-19 research literature: Text mining approach. <i>Intelligence-based Medicine</i> , 2021 , 5, 100036	2.7	4
121	Digital Transformation: How to beat the 90% failure rate?. <i>IEEE Engineering Management Review</i> , 2021 , 1-1	3.6	3
120	To imprison or not to imprison: an analytics model for drug courts. <i>Annals of Operations Research</i> , 2021 , 303, 101-124	3.2	0
119	Clustering temporal disease networks to assist clinical decision support systems in visual analytics of comorbidity progression. <i>Decision Support Systems</i> , 2021 , 148, 113583	5.6	4
118	A probabilistic Bayesian inference model to investigate injury severity in automobile crashes. <i>Decision Support Systems</i> , 2021 , 150, 113557	5.6	3
117	Determining Optimal Skillsets for Business Managers Based on Local and Global Job Markets: A Text Analytics Approach. <i>Decision Sciences Journal of Innovative Education</i> , 2020 , 18, 374-408	1.2	0
116	A comparative analysis of machine learning techniques and fuzzy analytic hierarchy process to determine the tacit knowledge criteria. <i>Annals of Operations Research</i> , 2020 , 1	3.2	4
115	Data analytics for the sustainable use of resources in hospitals: Predicting the length of stay for patients with chronic diseases. <i>Information and Management</i> , 2020 , 103282	6.6	8
114	Big data analytics capabilities and firm performance: An integrated MCDM approach. <i>Journal of Business Research</i> , 2020 , 114, 1-15	8.7	54
113	No Place Like Home: Cross-National Data Analysis of the Efficacy of Social Distancing During the COVID-19 Pandemic. <i>JMIR Public Health and Surveillance</i> , 2020 , 6, e19862	11.4	37
112	Supply Chain Orientation, ERP Usage and Knowledge Management in Supply Chain. <i>Lecture Notes in Mechanical Engineering</i> , 2020 , 580-590	0.4	1
111	Assessing the supply chain performance: a causal analysis. <i>Annals of Operations Research</i> , 2020 , 287, 37-60	3.2	4
110	Research Themes and Trends in Ten Top-Ranked Nephrology Journals: A Text Mining Analysis. <i>American Journal of Nephrology</i> , 2020 , 51, 147-159	4.6	4
109	An integrated decision analysis methodology based on IF-DEMATEL and IF-ELECTRE for personnel selection. <i>Decision Support Systems</i> , 2020 , 137, 113360	5.6	34
108	Nonprofit organization fraud reporting: does governance matter?. <i>International Journal of Accounting and Information Management</i> , 2020 , 28, 409-428	3	5
107	Balanced scorecard-based analysis of customer expectations for cosmetology services: a hybrid decision modeling approach. <i>Journal of Management Analytics</i> , 2020 , 7, 532-563	3.7	11

106	A Predictive Analytics-Based Decision Support System for Drug Courts. <i>Information Systems Frontiers</i> , 2020 , 22, 1323-1342	4	5
105	Development of a Bayesian Belief Network-based DSS for predicting and understanding freshmen student attrition. <i>European Journal of Operational Research</i> , 2020 , 281, 575-587	5.6	14
104	Using predictive analytics to identify drug-resistant epilepsy patients. <i>Health Informatics Journal</i> , 2020 , 26, 449-460	3	7
103	Discovering opioid users' medical comorbidities: a data mining approach. <i>Journal of Substance Use</i> , 2020 , 25, 40-45	0.8	
102	Predicting and explaining corruption across countries: A machine learning approach. <i>Government Information Quarterly</i> , 2020 , 37, 101407	7.6	21
101	Examining the effect of prescription sequence on developing adverse drug reactions: The case of renal failure in diabetic patients. <i>International Journal of Medical Informatics</i> , 2019 , 125, 62-70	5.3	1
100	An investigation of the factors influencing cost system functionality using decision trees, support vector machines and logistic regression. <i>International Journal of Accounting and Information Management</i> , 2019 , 27, 27-55	3	1
99	Why do enterprise transformations fail? HINT: ITB not what you think. <i>Journal of Enterprise Transformation</i> , 2019 , 1-16	0.8	
98	Developing a hybrid analytics approach to measure the efficiency of deposit banks. <i>Journal of Business Research</i> , 2019 , 104, 131-145	8.7	10
97	Predicting the Outcome of a Football Game: A Comparative Analysis of Single and Ensemble Analytics Methods 2019 ,		3
96	Volume discount strategies for the provider selection problem in telecommunications under uncertainty. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 2991-3015	1.6	1
95	Post-acute care referral in United States of America: a multiregional study of factors associated with referral destination in a cohort of patients with coronary artery bypass graft or valve replacement. <i>BMC Medical Informatics and Decision Making</i> , 2019 , 19, 223	3.6	6
94	Business analytics and firm performance: The mediating role of business process performance. <i>Journal of Business Research</i> , 2019 , 96, 228-237	8.7	91
93	The confounding role of common diabetes medications in developing acute renal failure: A data mining approach with emphasis on drug-drug interactions. <i>Expert Systems With Applications</i> , 2019 , 123, 168-177	7.8	8
92	Social Media for Nowcasting Flu Activity: Spatio-Temporal Big Data Analysis. <i>Information Systems Frontiers</i> , 2019 , 21, 743-760	4	30
91	Predicting and explaining inflammation in Crohn's disease patients using predictive analytics methods and electronic medical record data. <i>Health Informatics Journal</i> , 2019 , 25, 1201-1218	3	13
90	The impact of real-time business intelligence and advanced analytics on the behaviour of business decision makers 2018 ,		4
89	A multi-objective decision-making approach for sustainable energy investment planning. <i>Renewable Energy</i> , 2018 , 126, 387-402	8.1	50

88	Provider selection and task allocation in telecommunications with QoS degradation policy. <i>Annals of Operations Research</i> , 2018 , 263, 311-337	3.2	3
87	Medical informatics research trend analysis: A text mining approach. <i>Health Informatics Journal</i> , 2018 , 24, 432-452	3	34
86	Development of a new metric to identify rare patterns in association analysis: The case of analyzing diabetes complications. <i>Expert Systems With Applications</i> , 2018 , 94, 112-125	7.8	11
85	Critical assessment of health disparities across subpopulation groups through a social determinants of health perspective: The case of type 2 diabetes patients. <i>Informatics for Health and Social Care</i> , 2018 , 43, 172-185	2.7	1
84	A decision analytic approach to predicting quality of life for lung transplant recipients: A hybrid genetic algorithms-based methodology. <i>European Journal of Operational Research</i> , 2018 , 266, 639-651	5.6	42
83	A chronological pharmacovigilance network analytics approach for predicting adverse drug events. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018 , 25, 1311-1321	8.6	17
82	Modeling airline MRO operations using a systems dynamics approach. <i>Journal of Quality in Maintenance Engineering</i> , 2018 , 24, 280-310	1.1	1
81	Data Analytics Process: An Application Case on Predicting Student Attrition 2018 , 31-65		
80	A synthetic informative minority over-sampling (SIMO) algorithm leveraging support vector machine to enhance learning from imbalanced datasets. <i>Decision Support Systems</i> , 2018 , 106, 15-29	5.6	53
79	An ANP and fuzzy TOPSIS-based SWOT analysis for Turkey's energy planning. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 82, 1538-1550	16.2	134
78	The Strategic Value of Big Data Analytics in Health Care Policy-Making. <i>International Journal of E-Business Research</i> , 2018 , 14, 20-33	0.7	2
77	Introduction to the inaugural issue of Journal of Business Analytics. <i>Journal of Business Analytics</i> , 2018 , 1, 1-1	0.5	3
76	An Automated Grading and Diagnosis System for Evaluation of Dry Eye Syndrome. <i>Journal of Medical Systems</i> , 2018 , 42, 227	5.1	3
75	A two-stage analytical approach to assess sustainable energy efficiency. <i>Energy</i> , 2018 , 164, 822-836	7.9	32
74	Predicting hospital readmission for lupus patients: An RNN-LSTM-based deep-learning methodology. <i>Computers in Biology and Medicine</i> , 2018 , 101, 199-209	7	48
73	Research challenges and opportunities in business analytics. <i>Journal of Business Analytics</i> , 2018 , 1, 2-12	0.5	57
72	The analytics paradigm in business research. <i>Journal of Business Research</i> , 2018 , 90, 186-195	8.7	62
71	Processing electronic medical records to improve predictive analytics outcomes for hospital readmissions. <i>Decision Support Systems</i> , 2018 , 112, 98-110	5.6	15

70	Investigating injury severity risk factors in automobile crashes with predictive analytics and sensitivity analysis methods. <i>Journal of Transport and Health</i> , 2017 , 4, 118-131	3	46
69	A data analytics approach to building a clinical decision support system for diabetic retinopathy: Developing and deploying a model ensemble. <i>Decision Support Systems</i> , 2017 , 101, 12-27	5.6	49
68	Machine Learning to Compare Frequent Medical Problems of African American and Caucasian Diabetic Kidney Patients. <i>Healthcare Informatics Research</i> , 2017 , 23, 241-248	3	2
67	Text-mining analysis of mHealth research. <i>MHealth</i> , 2017 , 3, 53	2.2	10
66	An analytic approach to assessing organizational citizenship behavior. <i>Decision Support Systems</i> , 2017 , 103, 9-23	5.6	6
65	Knowledge management and ERP: Complementary or contradictory?. <i>International Journal of Information Management</i> , 2017 , 37, 703-712	16.4	40
64	A fuzzy long-term investment planning model for a GenCo in a hybrid electricity market considering climate change impacts. <i>Information Systems Frontiers</i> , 2017 , 19, 975-991	4	5
63	Predicting quality of life for lung transplant recipients: A hybrid genetic algorithms-based methodology 2017 ,		3
62	Introduction to Data, Text and Web Mining for Business Analytics Minitrack 2017 ,		4
61	Data Integration and Predictive Analysis System for Disease Prophylaxis 2017 ,		2
60	A Novel Method for Automated Diagnosis of Epilepsy Using Complex-Valued Classifiers. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016 , 20, 108-18	7.2	121
59	Stochastic Capacity Acquisition and Allocation Model for Bandwidth Brokers under Fuzzy Volume Based Pricing Scheme. <i>International Journal of Computational Intelligence Systems</i> , 2016 , 9, 227-244	3.4	
58	GRNİT BİLEME ve GRNİT BENZETİMİN TEMLERİ YARDIMI İLE HASTALILARIN TEDAVİ SONRASI SREİERİNİN DESTEKLENMESİ KERATOKONUS BNEİ 2016 , 31,		4
57	A fuzzy-hybrid analytic model to assess investors' perceptions for industry selection. <i>Decision Support Systems</i> , 2016 , 86, 24-34	5.6	53
56	Analyzing initial public offerings' short-term performance using decision trees and SVMs. <i>Decision Support Systems</i> , 2015 , 73, 15-27	5.6	33
55	Predicting overall survivability in comorbidity of cancers: A data mining approach. <i>Decision Support Systems</i> , 2015 , 74, 150-161	5.6	67
54	The Influence of Knowledge Management on Financial and Non-Financial Performance. <i>Journal of Information and Knowledge Management</i> , 2015 , 14, 1550013	0.9	7
53	Selecting the Best ERP system for SMEs using a combination of ANP and PROMETHEE methods. <i>Expert Systems With Applications</i> , 2015 , 42, 2343-2352	7.8	108

52	Computer-Aided Diagnosis of Parkinson's Disease Using Complex-Valued Neural Networks and mRMR Feature Selection Algorithm. <i>Journal of Healthcare Engineering</i> , 2015 , 6, 281-302	3.7	73
51	Use of ANP weighted crisp and fuzzy QFD for product development. <i>Expert Systems With Applications</i> , 2014 , 41, 4464-4474	7.8	114
50	The impact of multinationality on firm value: A comparative analysis of machine learning techniques. <i>Decision Support Systems</i> , 2014 , 59, 127-142	5.6	28
49	Development of a hybrid methodology for ERP system selection: The case of Turkish Airlines. <i>Decision Support Systems</i> , 2014 , 66, 82-92	5.6	63
48	A comparative analysis of machine learning methods for classification type decision problems in healthcare. <i>Decision Analytics</i> , 2014 , 1,		24
47	A critical assessment of imbalanced class distribution problem: The case of predicting freshmen student attrition. <i>Expert Systems With Applications</i> , 2014 , 41, 321-330	7.8	76
46	A machine learning-based usability evaluation method for eLearning systems. <i>Decision Support Systems</i> , 2013 , 56, 63-73	5.6	58
45	Data, information and analytics as services. <i>Decision Support Systems</i> , 2013 , 55, 359-363	5.6	223
44	Measuring firm performance using financial ratios: A decision tree approach. <i>Expert Systems With Applications</i> , 2013 , 40, 3970-3983	7.8	162
43	Leveraging the capabilities of service-oriented decision support systems: Putting analytics and big data in cloud. <i>Decision Support Systems</i> , 2013 , 55, 412-421	5.6	347
42	A comparative analysis of machine learning systems for measuring the impact of knowledge management practices. <i>Decision Support Systems</i> , 2013 , 54, 1150-1160	5.6	61
41	Optimal Pricing Strategies for Capacity Leasing Based on Time and Volume Usage in Telecommunication Networks. <i>Decision Sciences</i> , 2013 , 44, 161-191	3.7	2
40	Comparative analysis of data mining methods for bankruptcy prediction. <i>Decision Support Systems</i> , 2012 , 52, 464-473	5.6	177
39	An analytic approach to better understanding and management of coronary surgeries. <i>Decision Support Systems</i> , 2012 , 52, 698-705	5.6	38
38	Measuring the efficiency of customer satisfaction and loyalty for mobile phone brands with DEA. <i>Expert Systems With Applications</i> , 2012 , 39, 99-106	7.8	85
37	Development of a fuzzy ANP based SWOT analysis for the airline industry in Turkey. <i>Expert Systems With Applications</i> , 2012 , 39, 14-24	7.8	153
36	Predicting and analyzing secondary education placement-test scores: A data mining approach. <i>Expert Systems With Applications</i> , 2012 , 39, 9468-9476	7.8	43
35	Extracting Knowledge From Published Literature Using RapidMiner 2012 , 375-394		2

34	Case Study: Detecting Deception in Text with Freely Available Text and Data Mining Tools 2012 , 533-542		1
33	Predicting Box Office Success of Motion Pictures with Text Mining 2012 , 543-556		1
32	A comparative analysis of data mining methods in predicting NCAA bowl outcomes. <i>International Journal of Forecasting</i> , 2012 , 28, 543-552	5.3	31
31	The promise of RFID-based sensors in the perishables supply chain. <i>IEEE Wireless Communications</i> , 2011 , 18, 82-88	13.4	17
30	Development of a structural equation modeling-based decision tree methodology for the analysis of lung transplantations. <i>Decision Support Systems</i> , 2011 , 51, 155-166	5.6	44
29	Better management of blood supply-chain with GIS-based analytics. <i>Annals of Operations Research</i> , 2011 , 185, 181-193	3.2	52
28	An investigation of data and text mining methods for real world deception detection. <i>Expert Systems With Applications</i> , 2011 , 38, 8392-8398	7.8	49
27	Predicting Student Attrition with Data Mining Methods. <i>The Journal of College Student Retention: Research and Practice</i> , 2011 , 13, 17-35	0.9	39
26	A machine learning-based approach to prognostic analysis of thoracic transplantations. <i>Artificial Intelligence in Medicine</i> , 2010 , 49, 33-42	7.4	49
25	An RFID network design methodology for asset tracking in healthcare. <i>Decision Support Systems</i> , 2010 , 49, 100-109	5.6	113
24	A comparative analysis of machine learning techniques for student retention management. <i>Decision Support Systems</i> , 2010 , 49, 498-506	5.6	124
23	A holistic framework for knowledge discovery and management. <i>Communications of the ACM</i> , 2009 , 52, 141-145	2.5	11
22	Predicting the graft survival for heart-lung transplantation patients: an integrated data mining methodology. <i>International Journal of Medical Informatics</i> , 2009 , 78, e84-96	5.3	90
21	Analysis of healthcare coverage: A data mining approach. <i>Expert Systems With Applications</i> , 2009 , 36, 995-1003	7.8	40
20	Analysis of cancer data: a data mining approach. <i>Expert Systems</i> , 2009 , 26, 100-112	2.1	62
19	RFID for Better Supply-Chain Management through Enhanced Information Visibility. <i>Production and Operations Management</i> , 2009 , 16, 613-624	3.6	187
18	A holistic approach to manufacturing systems modelling. <i>International Journal of Simulation and Process Modelling</i> , 2009 , 5, 54	0.4	
17	Artificial Neural Networks in Decision Support Systems 2008 , 557-580		12

16	Exploration of Feature Selection and Advanced Classification Models for High-Stakes Deception Detection 2008 ,		9
15	Seeding the survey and analysis of research literature with text mining. <i>Expert Systems With Applications</i> , 2008 , 34, 1707-1720	7.8	129
14	Movie forecast Guru: A Web-based DSS for Hollywood managers. <i>Decision Support Systems</i> , 2007 , 43, 1151-1170	5.6	52
13	Predicting box-office success of motion pictures with neural networks. <i>Expert Systems With Applications</i> , 2006 , 30, 243-254	7.8	160
12	Knowledge Extraction from Prostate Cancer Data 2006 ,		7
11	Determining the Efficacy of Data-Mining Methods in Predicting Gaming Ballot Outcomes. <i>Journal of Hospitality and Tourism Research</i> , 2006 , 30, 313-332	3.3	14
10	Identifying significant predictors of injury severity in traffic accidents using a series of artificial neural networks. <i>Accident Analysis and Prevention</i> , 2006 , 38, 434-44	6.1	232
9	An integrated and intelligent DSS for manufacturing systems. <i>Expert Systems With Applications</i> , 2006 , 30, 325-336	7.8	31
8	Forecasting gaming referenda. <i>Annals of Tourism Research</i> , 2005 , 32, 127-149	7.7	9
7	Predicting breast cancer survivability: a comparison of three data mining methods. <i>Artificial Intelligence in Medicine</i> , 2005 , 34, 113-27	7.4	651
6	Performance analysis of a kitting process in stochastic assembly systems. <i>Computers and Operations Research</i> , 2005 , 32, 449-463	4.6	22
5	Integrated modeling. <i>Communications of the ACM</i> , 2005 , 48, 107-112	2.5	37
4	A Scalable Classification Algorithm for Very Large Datasets. <i>Journal of Information and Knowledge Management</i> , 2005 , 04, 83-94	0.9	
3	Towards a truly integrated enterprise modeling and analysis environment. <i>Computers in Industry</i> , 2003 , 51, 257-268	11.6	16
2	Enabling multi-use, multi-tool models of manufacturing systems through an experimental frame expert system. <i>Journal of Intelligent Manufacturing</i> , 2001 , 12, 247-255	6.7	3
1	An integrated approach for lean production using simulation and data envelopment analysis. <i>Annals of Operations Research</i> , ¹	3.2	