

Utku KÃ-se

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7014296/publications.pdf>

Version: 2024-02-01

116
papers

1,282
citations

393982

19
h-index

433756

31
g-index

126
all docs

126
docs citations

126
times ranked

1017
citing authors

#	ARTICLE	IF	CITATIONS
1	SCLAVOEM: hyper parameter optimization approach to predictive modelling of COVID-19 infodemic tweets using smote and classifier vote ensemble. <i>Soft Computing</i> , 2023, 27, 3531-3550.	2.1	8
2	Online learning in COVID-19 pandemic: an empirical study of Indian and Turkish higher education institutions. <i>World Journal of Engineering</i> , 2022, 19, 58-71.	1.0	14
3	An efficient malware detection approach with feature weighting based on Harris Hawks optimization. <i>Cluster Computing</i> , 2022, 25, 2369-2387.	3.5	45
4	Explainable framework for Glaucoma diagnosis by image processing and convolutional neural network synergy: Analysis with doctor evaluation. <i>Future Generation Computer Systems</i> , 2022, 129, 152-169.	4.9	26
5	IoT-based deep learning controlled robot vehicle for paralyzed patients of smart cities. <i>Journal of Supercomputing</i> , 2022, 78, 11373-11408.	2.4	4
6	A novel image Denoising approach using super resolution densely connected convolutional networks. <i>Multimedia Tools and Applications</i> , 2022, 81, 33291-33309.	2.6	4
7	Uyarlamalı Ağı Tabanlı Bulanık Mantık Karar Sistemi ve Yapay Sinir Ağları ile Türkiye'deki COVID-19 Vefat Sayılarının Tahmin Edilmesi. <i>Bilişim Teknolojileri Dergisi</i> , 2022, 15, 97-105.	0.2	3
8	Recent advancement in cancer diagnosis using machine learning and deep learning techniques: A comprehensive review. <i>Computers in Biology and Medicine</i> , 2022, 146, 105580.	3.9	53
9	Future of Medical Decision Support Systems. <i>Studies in Computational Intelligence</i> , 2021, , 157-171.	0.7	2
10	Diagnosing Parkinson by Using Deep Autoencoder Neural Network. <i>Studies in Computational Intelligence</i> , 2021, , 73-93.	0.7	6
11	Deep Learning for Medical Decision Support Systems. <i>Studies in Computational Intelligence</i> , 2021, , .	0.7	13
12	Application of machine learning for the diagnosis of COVID-19. , 2021, , 175-194.		21
13	Artificial Intelligence for Data-Driven Medical Diagnosis. , 2021, , .		2
14	Special issue on deep network based industrial Internet of Things applications. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021, 32, e4278.	2.6	0
15	Use of social networking in the Middle East: student perspectives in higher education. <i>Heliyon</i> , 2021, 7, e06676.	1.4	9
16	4x-expert systems for early prediction of osteoporosis using multi-model algorithms. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 180, 109543.	2.5	22
17	Optimization Scenarios for Open Source Software Used in E-Learning Activities. , 2021, , 307-328.		0
18	Diagnosing Diabetic Retinopathy by Using a Blood Vessel Extraction Technique and a Convolutional Neural Network. <i>Studies in Computational Intelligence</i> , 2021, , 53-72.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Doctor's Dilemma: Evaluating an Explainable Subtractive Spatial Lightweight Convolutional Neural Network for Brain Tumor Diagnosis. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021, 17, 1-26.	3.0	5
20	Artificial Intelligence and Decision Support Systems. <i>Studies in Computational Intelligence</i> , 2021, , 1-14.	0.7	0
21	A Practical Method for Early Diagnosis of Heart Diseases via Deep Neural Network. <i>Studies in Computational Intelligence</i> , 2021, , 95-106.	0.7	0
22	Diagnosing of Diabetic Retinopathy with Image Dehazing and Capsule Network. <i>Studies in Computational Intelligence</i> , 2021, , 145-155.	0.7	1
23	A Hybrid Medical Diagnosis Approach with Swarm Intelligence Supported Autoencoder Based Recurrent Neural Network System. <i>Studies in Computational Intelligence</i> , 2021, , 107-127.	0.7	1
24	A Brief View on Medical Diagnosis Applications with Deep Learning. <i>Studies in Computational Intelligence</i> , 2021, , 29-52.	0.7	1
25	Hybrid Convolutional Neural Network-Based Diagnosis System for Intracranial Hemorrhage. <i>Brain: Broad Research in Artificial Intelligence and Neuroscience</i> , 2021, 12, 01-27.	0.2	4
26	Deep Learning Based Malware Detection Tool Development for Android Operating System. <i>Brain: Broad Research in Artificial Intelligence and Neuroscience</i> , 2021, 12, 28-56.	0.2	0
27	Better campus life for visually impaired University students: intelligent social walking system with beacon and assistive technologies. <i>Wireless Networks</i> , 2020, 26, 4789-4803.	2.0	10
28	An enhanced diabetic retinopathy detection and classification approach using deep convolutional neural network. <i>Neural Computing and Applications</i> , 2020, 32, 707-721.	3.2	181
29	Reliable and secure data transfer in IoT networks. <i>Wireless Networks</i> , 2020, 26, 5689-5702.	2.0	19
30	A new algorithm for optimization of quality of service in peer to peer wireless mesh networks. <i>Wireless Networks</i> , 2020, 26, 4965-4973.	2.0	30
31	An augmented reality-supported mobile application for diagnosis of heart diseases. <i>Journal of Supercomputing</i> , 2020, 76, 1242-1267.	2.4	24
32	Determining optimum carob powder adsorption for cleaning wastewater: intelligent optimization with electro-search algorithm. <i>Wireless Networks</i> , 2020, 26, 5665-5679.	2.0	1
33	Efficiency analysis for stochastic dynamic facility layout problem using meta-heuristic, data envelopment analysis and machine learning. <i>Computational Intelligence</i> , 2020, 36, 172-202.	2.1	19
34	Diagnosis of heart diseases by a secure Internet of Health Things system based on Autoencoder Deep Neural Network. <i>Computer Communications</i> , 2020, 162, 31-50.	3.1	46
35	Fuzzy genetic based dynamic spectrum allocation approach for cognitive radio sensor networks. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2020, 28, 2416-2432.	0.9	10
36	YOLO Object Recognition Algorithm and "Buy-Sell Decision" Model Over 2D Candlestick Charts. <i>IEEE Access</i> , 2020, 8, 91894-91915.	2.6	16

#	ARTICLE	IF	CITATIONS
37	Novel Optimization Based Hybrid Self-Organizing Map Classifiers for Iris Image Recognition. International Journal of Computational Intelligence Systems, 2020, 13, 1048.	1.6	2
38	Estimation of burned areas in forest fires using artificial neural networks. IngenierÅa Solidaria, 2020, 16, 1-22.	0.1	7
39	YAPAY ZEKA ETÄ°ÄžÄ° Ä†ERÄ†EVESÄ°NDE GELECEÄžÄ°N Ä°ÄžLETMELERÄ°: DÄ–NÄœÄžÄœM VE PARADÄ°GMA DEÄžÄ°ÄžÄ°KLÄ°KLEMA Bilimleri Ve TasarÄ±m Dergisi, 2020, 8, 290-305.	0.1	2
40	Forecasting Housing Prices by Using Artificial Neural Networks. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 621-632.	0.5	1
41	Optimization of real-time wireless sensor based big data with deep autoencodernetwork: a tourism sector application with distributed computing. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, .	0.9	2
42	Chapter 2 Using Artificial Intelligence Techniques for Economic Time Series Prediction. Contemporary Studies in Economic and Financial Analysis, 2019, , 13-28.	0.4	0
43	Ultrasonic-Assisted Extraction and Swarm Intelligence for Calculating Optimum Values of Obtaining Boric Acid from Tincal Mineral. Processes, 2019, 7, 30.	1.3	2
44	Prediction of Electroencephalogram Time Series With Electro-Search Optimization Algorithm Trained Adaptive Neuro-Fuzzy Inference System. IEEE Access, 2019, 7, 15832-15844.	2.6	17
45	Electro-Search Algorithm and Autoencoder Based Recurrent Neural Network for Practical Medical Diagnosis. , 2019, , .		1
46	A Hybrid SVM-WOA Approach for Intelligent Fault Diagnosis Applications. , 2019, , .		1
47	A Novel Underwater Image Enhancement Approach with Wavelet Transform Supported by Differential Evolution Algorithm. Intelligent Systems Reference Library, 2019, , 255-278.	1.0	7
48	Towards an Intelligent Biomedical Engineering With Nature-Inspired Artificial Intelligence Techniques. , 2019, , 1733-1758.		0
49	Human Performance Technology and the Effects on Web-Based Instruction Performance Efficiency. , 2019, , 106-120.		0
50	An Augmented Reality Based Intelligent Diagnosis Platform for Medical Training. , 2019, , 217-235.		0
51	A Model of Swarm Intelligence Based Optimization Framework Adjustable According to Problems. Studies in Computational Intelligence, 2018, , 21-38.	0.7	2
52	Diabetes Determination Using Retraining Neural Network. , 2018, , .		1
53	Practical Method for the Underwater Image Enhancement with Adjusted CLAHE. , 2018, , .		4
54	An Ant-Lion Optimizer-Trained Artificial Neural Network System for Chaotic Electroencephalogram (EEG) Prediction. Applied Sciences (Switzerland), 2018, 8, 1613.	1.3	43

#	ARTICLE	IF	CITATIONS
55	Diagnosis of Diabetic mellitus Using Deep Neural Network. , 2018, , .		3
56	Diagnosis of Diabetic Retinopathy Using Image Processing and Convolutional Neural Network. , 2018, , .		4
57	Diagnosis of Diabetes by Using Deep Neural Network. , 2018, , .		2
58	Special Issue for COMPSE 2016 " Current Trends in Optimization Technology. Intelligent Decision Technologies, 2018, 12, 1-2.	0.6	17
59	Diagnosis of Diabetic Retinopathy by Using Image Processing and Convolutional Neural Network. , 2018, , .		12
60	An arduino based system for calculating the average life time of a person via indoor oxygen content. , 2018, , .		0
61	TIME SERIES PREDICTION WITH A HYBRID SYSTEM FORMED BY ARTIFICIAL NEURAL NETWORK AND COGNITIVE DEVELOPMENT OPTIMIZATION ALGORITHM. Scientia Iranica, 2018, , .	0.3	2
62	Optimization Scenarios for Open Source Software Used in E-Learning Activities. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2018, , 102-123.	0.5	0
63	For an Intelligent E-Learning. , 2018, , 297-309.		0
64	Towards an Intelligent Biomedical Engineering With Nature-Inspired Artificial Intelligence Techniques. Advances in Bioinformatics and Biomedical Engineering Book Series, 2018, , 1-26.	0.2	0
65	Ideas on the Future of Intelligent Web-Based E-Learning. , 2018, , 2274-2287.		0
66	Design Principles for an Intelligent-Augmented-Reality-Based M-Learning Application to Improve Engineering Students' English Language Skills. , 2018, , 881-899.		0
67	On the Intersection of Artificial Intelligence and Distance Education. , 2018, , 1348-1360.		0
68	An Example Application of an Artificial Intelligence-Supported Blended Learning Education Program in Computer Engineering. , 2018, , 1304-1323.		0
69	Optimization of self-learning in Computer Engineering courses: An intelligent software system supported by Artificial Neural Network and Vortex Optimization Algorithm. Computer Applications in Engineering Education, 2017, 25, 142-156.	2.2	32
70	Forecasting Chaotic Time Series Via Anfis Supported by Vortex Optimization Algorithm: Applications on Electroencephalogram Time Series. Arabian Journal for Science and Engineering, 2017, 42, 3103-3114.	1.7	15
71	Fading intelligence theory: A theory on keeping artificial intelligence safety for the future. , 2017, , .		3
72	Metaheuristic Techniques in Enhancing the Efficiency and Performance of Thermo-Electric Cooling Devices. Energies, 2017, 10, 1703.	1.6	35

#	ARTICLE	IF	CITATIONS
73	An Augmented-Reality-Based Intelligent Mobile Application for Open Computer Education. Advances in Educational Technologies and Instructional Design Book Series, 2017, , 154-174.	0.2	2
74	Design Principles for an Intelligent-Augmented-Reality-Based M-Learning Application to Improve Engineering Students' English Language Skills. Advances in Educational Technologies and Instructional Design Book Series, 2017, , 215-232.	0.2	1
75	Human Performance Technology and the Effects on Web-Based Instruction Performance Efficiency. Advances in Educational Technologies and Instructional Design Book Series, 2017, , 89-103.	0.2	0
76	Underwater image enhancement based on contrast adjustment via differential evolution algorithm. , 2016, , .		15
77	Intelligent Optimization for Logistics. , 2016, , .		1
78	Ideas on the Future of Intelligent Web-Based E-Learning. , 2016, , 2241-2253.		0
79	Teach â€“ MS: Developing a management system for m â€“ learning. , 2016, 5, .	0.0	0
80	Educational material development model for teaching computer network and system management. Computer Applications in Engineering Education, 2015, 23, 621-629.	2.2	22
81	Diabetes determination via vortex optimization algorithm based support vector machines. , 2015, , .		10
82	Present State of Swarm Intelligence and Future Directions. , 2015, , 239-252.		14
83	On the Intersection of Artificial Intelligence and Distance Education. Advances in Mobile and Distance Learning Book Series, 2015, , 1-11.	0.4	5
84	An Example Application of an Artificial Intelligence-Supported Blended Learning Education Program in Computer Engineering. Advances in Mobile and Distance Learning Book Series, 2015, , 192-210.	0.4	3
85	A Web-Based Intelligent Educational Laboratory System for Forecasting Chaotic Time Series. Advances in Mobile and Distance Learning Book Series, 2015, , 110-135.	0.4	0
86	Ideas on the Future of Intelligent Web-Based E-Learning. Advances in Mobile and Distance Learning Book Series, 2015, , 285-297.	0.4	0
87	Augmented Reality Based E-Learning Applications. , 2015, , 7507-7518.		2
88	For an Intelligent E-Learning. Advances in Mobile and Distance Learning Book Series, 2015, , 149-160.	0.4	3
89	Usage of an Ä±ntelligent software system in teaching algorithm and flowchart concepts. Pegem Egitim Ve Ogretim Dergisi, 2015, 5, 569-586.	0.6	4
90	On the State of Free and Open Source E-Learning 2.0 Software. International Journal of Open Source Software and Processes, 2014, 5, 55-75.	0.5	3

#	ARTICLE	IF	CITATIONS
91	Cooling analysis of welded materials for crack detection using infrared thermography. Infrared Physics and Technology, 2014, 67, 547-554.	1.3	36
92	Chaotic Systems and Their Recent Implementations on Improving Intelligent Systems. Advances in Computational Intelligence and Robotics Book Series, 2014, , 69-101.	0.4	4
93	An Adaptive Neuro-Fuzzy Inference System-Based Approach to Forecast Time Series of Chaotic Systems. Springer Proceedings in Complexity, 2014, , 17-22.	0.2	2
94	The effectiveness and experiences of blended learning approaches to computer programming education. Computer Applications in Engineering Education, 2013, 21, 328-342.	2.2	44
95	An Artificial Neural Networks Based Software System for Improved Learning Experience. , 2013, , .		4
96	An Augmented Reality based Mobile Software to Support Learning Experiences in Computer Science Courses. Procedia Computer Science, 2013, 25, 370-374.	1.2	44
97	A sociologic evaluation: effects of social networking caused e-learning on university students. International Journal of Web Based Communities, 2013, 9, 274.	0.2	1
98	Development of an internet-based exam system for mobile environments and evaluation of its usability. Mevlana International Journal of Education, 2013, 3, 57-74.	0.3	11
99	Newly Developed Nature-Inspired Algorithms and their Applications to Recommendation Systems. , 2013, , 214-229.		0
100	Intelligent Learning Environments within Blended Learning for Ensuring Effective C Programming Course. International Journal of Artificial Intelligence & Applications, 2012, 3, 105-124.	0.3	13
101	An educational tool for artificial neural networks. Computers and Electrical Engineering, 2011, 37, 392-402.	3.0	33
102	Web 2.0 Technologies in E-Learning. , 2011, , 1-23.		1
103	A web based system for project-based learning activities in "web design and programming" course. Procedia, Social and Behavioral Sciences, 2010, 2, 1174-1184.	0.5	23
104	A blended learning model supported with Web 2.0 technologies. Procedia, Social and Behavioral Sciences, 2010, 2, 2794-2802.	0.5	67
105	What is search engine optimization: SEO?. Procedia, Social and Behavioral Sciences, 2010, 9, 487-493.	0.5	72
106	EKG Sinyallerini kullanarak Kalp Ritimlerinin Yapay Zekâ ile Sâ±nâ±flandÄ±rÄ±lmasÄ±. DÄ¼zce Äœniversitesi Bilim Ve Teknoloji Dergisi, 0, , 7-15.	0.2	1
107	Epilepsi EEG Verilerinin Makine Ä-Ä¶renmesi Teknikleriyle Sâ±nâ±flandÄ±rÄ±lmasÄ±. European Journal of Science and Technology, 0, , .	0.5	1
108	AÄ±klanabilir EvriÄimsel Sinir AÄ¶ylerÄ± ile Beyin TÄ¼mÄ¶rÄ¼ Tespiti. El-Cezeri Journal of Science and Engineering, 0, , .	0.1	3

#	ARTICLE	IF	CITATIONS
109	Design and Development of an E-Learning Environment for the Course of Electrical Circuit Analysis. Interdisciplinary Journal of E-Skills and Lifelong Learning, 0, 8, 051-063.	0.0	0
110	Zeki Optimizasyon Tabanlı Destek Vektör Makineleri ile Diyabet Teşhisi. Journal of Polytechnic, 0, , .	0.4	5
111	Skolyoz için Kapsül A&Ylar Tabanlı Otomatik İlaç Sistem. Düzce Üniversitesi Bilim Ve Teknoloji Dergisi, 0, , 2087-2101.	0.2	0
112	An Example Application of an Artificial Intelligence-Supported Blended Learning Education Program in Computer Engineering. , 0, , 280-298.		0
113	Chaotic Systems and Their Recent Implementations on Improving Intelligent Systems. , 0, , 1167-1200.		0
114	Ideas on the Future of Intelligent Web-Based E-Learning. , 0, , 2196-2208.		0
115	An Augmented-Reality-Based Intelligent Mobile Application for Open Computer Education. , 0, , 324-344.		2
116	Design Principles for an Intelligent-Augmented-Reality-Based M-Learning Application to Improve Engineering Students' English Language Skills. , 0, , 378-395.		0