

# Boran Sekeroglu

## List of Publications by Citations

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

36 papers	349 citations	9 h-index	17 g-index
40 ext. papers	533 ext. citations	1.9 avg, IF	4.62 L-index

#	Paper	IF	Citations
36	Review on Diagnosis of COVID-19 from Chest CT Images Using Artificial Intelligence. <i>Computational and Mathematical Methods in Medicine</i> , <b>2020</b> , 2020, 9756518	2.8	78
35	Detection of COVID-19 from Chest X-Ray Images Using Convolutional Neural Networks. <i>SLAS Technology</i> , <b>2020</b> , 25, 553-565	3	38
34	Student Performance Prediction and Classification Using Machine Learning Algorithms <b>2019</b> ,		37
33	Document image binarisation using a supervised neural network. <i>International Journal of Neural Systems</i> , <b>2008</b> , 18, 405-18	6.2	25
32	Identification of Epileptic EEG Signals Using Convolutional Neural Networks. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 4089	2.6	23
31	Leaves Recognition System Using a Neural Network. <i>Procedia Computer Science</i> , <b>2016</b> , 102, 578-582	1.6	15
30	Multi-banknote Identification Using a Single Neural Network. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 123-129	0.9	10
29	. <i>IEEE Access</i> , <b>2020</b> , 8, 116321-116335	3.5	10
28	Ancient Geez script recognition using deep learning. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	9
27	The use of back propagation neural networks and 18F-Florbetapir PET for early detection of Alzheimer's disease using Alzheimer's Disease Neuroimaging Initiative database. <i>PLoS ONE</i> , <b>2019</b> , 14, e0226577	3.7	9
26	Classification Analysis of Intrusion Detection on NSL-KDD Using Machine Learning Algorithms. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 111-122	0.9	8
25	Prediction of cancer incidence rates for the European continent using machine learning models. <i>Health Informatics Journal</i> , <b>2021</b> , 27, 1460458220983878	3	8
24	ICIS: A Novel Coin Identification System <b>2006</b> , 913-918		7
23	Analysis of micrnas by neural network for early detection of cancer. <i>Procedia Technology</i> , <b>2012</b> , 1, 449-452		6
22	Novel Thresholding Method for Document Analysis <b>2006</b> ,		6
21	Cervical Cancer Diagnosis Using Very Deep Networks Over Different Activation Functions. <i>IEEE Access</i> , <b>2021</b> , 9, 46612-46625	3.5	6
20	Intelligent Coin Identification System <b>2006</b> ,		5

19	Hybrid Machine Learning Model for Body Fat Percentage Prediction Based on Support Vector Regression and Emotional Artificial Neural Networks. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 9797	2.6	5
18	Comparison of Machine Learning Techniques for Prediction Problems. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 713-723	0.4	4
17	Brain tumor segmentation in MRI images using nonparametric localization and enhancement methods with U-net.. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2022</b> , 17, 589	3.9	4
16	A computer aided diagnosis system for lung cancer detection using support vector machine <b>2018</b> ,		4
15	High-accuracy Automated Diagnosis of Parkinson's Disease. <i>Current Medical Imaging</i> , <b>2020</b> , 16, 688-694	1.2	4
14	Rotated Coin Recognition Using Neural Networks <b>2007</b> , 290-297		4
13	Comparison of Machine Learning Algorithms for Classification Problems. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 491-499	0.4	4
12	Intelligent coin identification system <b>2006</b> ,		3
11	Absenteeism Prediction: A Comparative Study Using Machine Learning Models. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 728-734	0.4	3
10	<b>2021</b> ,		3
9	Performance Evaluation of Binarization Methods for Document Images <b>2017</b> ,		2
8	Review and analysis of hidden neuron number effect of shallow backpropagation neural networks. <i>Neural Network World</i> , <b>2020</b> , 30, 97-112	2.9	2
7	Systematic Literature Review on Machine Learning and Student Performance Prediction: Critical Gaps and Possible Remedies. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 10907	2.6	2
6	An intelligent and personalized course advising model for higher educational institutes. <i>SN Applied Sciences</i> , <b>2020</b> , 2, 1	1.8	2
5	Global Binarization of Document Images Using a Neural Network <b>2007</b> ,		1
4	Student Performance Classification Using Artificial Intelligence Techniques. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 596-603	0.4	1
3	Signature Recognition Using Backpropagation Neural Network. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 256-261	0.4	0
2	Image Based Diameter Measurement and Aneurysm Detection of the Ascending Aorta. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 485-496	0.4	

- 1 A Near-Global Slowing of Background Activity and Epileptic Discharges in Children With Mild to Moderately Symptomatic COVID-19 Infection: An Electro-Neurophysiological Study.. *Clinical EEG and Neuroscience*, **2022**, 15500594221088744 2.3