

# Deniz Korkmaz

## List of Publications by Year in descending order

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21  
papers

1,034  
citations

840776

11  
h-index

940533

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Altitude and Attitude Control of a Quadcopter Based on Neuro-Fuzzy Controller. Lecture Notes in Electrical Engineering, 2022, , 1009-1015.	0.4	0
2	An efficient fault classification method in solar photovoltaic modules using transfer learning and multi-scale convolutional neural network. Engineering Applications of Artificial Intelligence, 2022, 113, 104959.	8.1	42
3	An improved residual-based convolutional neural network for very short-term wind power forecasting. Energy Conversion and Management, 2021, 228, 113731.	9.2	136
4	Locomotion control of a biomimetic robotic fish based on closed loop sensory feedback CPG model. Journal of Marine Engineering and Technology, 2021, 20, 125-137.	4.1	22
5	A Novel Short-Term Photovoltaic Power Forecasting Approach based on Deep Convolutional Neural Network. International Journal of Green Energy, 2021, 18, 525-539.	3.8	25
6	A novel ship classification network with cascade deep features for line-of-sight sea data. Machine Vision and Applications, 2021, 32, 1.	2.7	11
7	SolarNet: A hybrid reliable model based on convolutional neural network and variational mode decomposition for hourly photovoltaic power forecasting. Applied Energy, 2021, 300, 117410.	10.1	63
8	WSFNet: An efficient wind speed forecasting model using channel attention-based densely connected convolutional neural network. Energy, 2021, 233, 121121.	8.8	26
9	COVIDiagnosis-Net: Deep Bayes-SqueezeNet based diagnosis of the coronavirus disease 2019 (COVID-19) from X-ray images. Medical Hypotheses, 2020, 140, 109761.	1.5	573
10	A study on the extreme learning machine based prediction of machining times of the cycloidal gears in CNC milling machines. Production Engineering, 2019, 13, 635-647.	2.3	13
11	CPG-based autonomous swimming control for multi-tasks of a biomimetic robotic fish. Ocean Engineering, 2019, 189, 106334.	4.3	31
12	Motion Control of Three-Rotor Unmanned Underwater Vehicle. Advances in Intelligent Systems and Computing, 2018, , 687-695.	0.6	1
13	Three-Dimensional Modeling of a Robotic Fish Based on Real Carp Locomotion. Applied Sciences (Switzerland), 2018, 8, 180.	2.5	26
14	Mechatronic Design and Manufacturing of the Intelligent Robotic Fish for Bio-Inspired Swimming Modes. Electronics (Switzerland), 2018, 7, 118.	3.1	21
15	Design and Control of Diving Mechanism for the Biomimetic Robotic Fish. Advances in Intelligent Systems and Computing, 2018, , 662-670.	0.6	1
16	Extreme learning machine based robotic arm modeling. , 2016, , .		9
17	Link length optimization of a biomimetic robotic fish based on Big Bang "Big Crunch" algorithm. , 2016, , .		3
18	Implementations of the route planning scenarios for the autonomous robotic fish with the optimized propulsion mechanism. Measurement: Journal of the International Measurement Confederation, 2016, 93, 232-242.	5.0	14

#	ARTICLE	IF	CITATIONS
19	Dynamic simulation model of a biomimetic robotic fish with multi-joint propulsion mechanism. Transactions of the Institute of Measurement and Control, 2015, 37, 684-695.	1.7	12
20	Modeling of inverted pendulum on a cart by using Artificial Neural Networks. , 2015, , .		3
21	Ship Target Classification in Satellite Images using Deep Convolutional Neural Networks. Sakarya University Journal of Science, 0, , 197-202.	0.7	2