

Neeraj Bokde

List of Publications by Year in descending order

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52
papers

1,371
citations

331538

21
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345118

36
g-index

58
all docs

58
docs citations

58
times ranked

960
citing authors

#	ARTICLE	IF	CITATIONS
1	Partitioning of Water Distribution Network into District Metered Areas Using Existing Valves. CMES - Computer Modeling in Engineering and Sciences, 2022, 131, 1515-1537.	0.8	3
2	DeepPlayer-Track: Player and Referee Tracking With Jersey Color Recognition in Soccer. IEEE Access, 2022, 10, 32494-32509.	2.6	7
3	Groundwater level prediction using machine learning models: A comprehensive review. Neurocomputing, 2022, 489, 271-308.	3.5	115
4	A Survey of Efficient Demand-Side Management Techniques for the Residential Appliance Scheduling Problem in Smart Homes. Energies, 2022, 15, 2863.	1.6	21
5	A Comprehensive Review of Computer Vision in Sports: Open Issues, Future Trends and Research Directions. Applied Sciences (Switzerland), 2022, 12, 4429.	1.3	26
6	cleanTS: Automated (AutoML) tool to clean univariate time series at microscales. Neurocomputing, 2022, 500, 155-176.	3.5	10
7	A Comprehensive Review of Deep Learning Strategies in Retinal Disease Diagnosis Using Fundus Images. IEEE Access, 2022, 10, 57796-57823.	2.6	19
8	5D Gauss Map Perspective to Image Encryption with Transfer Learning Validation. Applied Sciences (Switzerland), 2022, 12, 5321.	1.3	7
9	Natural Time Series Parameters Forecasting: Validation of the Pattern-Sequence-Based Forecasting (PSF) Algorithm; A New Python Package. Applied Sciences (Switzerland), 2022, 12, 6194.	1.3	4
10	Hybrid Models for Water Demand Forecasting. Journal of Water Resources Planning and Management - ASCE, 2021, 147, .	1.3	34
11	Short-term CO ₂ emissions forecasting based on decomposition approaches and its impact on electricity market scheduling. Applied Energy, 2021, 281, 116061.	5.1	45
12	An empirical estimation for time and memory algorithm complexities: newly developed R package. Multimedia Tools and Applications, 2021, 80, 2997-3015.	2.6	10
13	LARNet: Real-Time Detection of Facial Micro Expression Using Lossless Attention Residual Network. Sensors, 2021, 21, 1098.	2.1	14
14	Optimization of Layout and Pipe Sizes for Irrigation Pipe Distribution Network Using Steiner Point Concept. Mathematical Problems in Engineering, 2021, 2021, 1-12.	0.6	5
15	Hybridization of artificial intelligence models with nature inspired optimization algorithms for lake water level prediction and uncertainty analysis. AEJ - Alexandria Engineering Journal, 2021, 60, 2193-2208.	3.4	53
16	A Review on State-of-the-Art Reviews in Wind-Turbine- and Wind-Farm-Related Topics. Energies, 2021, 14, 2041.	1.6	28
17	Proposition of New Metaphor-Less Algorithms for Reservoir Operation. Complexity, 2021, 2021, 1-11.	0.9	4
18	Total Dissolved Salt Prediction Using Neurocomputing Models: Case Study of Gypsum Soil Within Iraq Region. IEEE Access, 2021, 9, 53617-53635.	2.6	10

#	ARTICLE	IF	CITATIONS
19	GaitVision: Real-Time Extraction of Gait Parameters Using Residual Attention Network. Complexity, 2021, 2021, 1-15.	0.9	0
20	The State-of-the-Art Progress in Cloud Detection, Identification, and Tracking Approaches: A Systematic Review. Energies, 2021, 14, 8119.	1.6	4
21	PSF-Based Spectrum Occupancy Prediction in Cognitive Radio. Advances in Intelligent Systems and Computing, 2020, , 609-619.	0.5	1
22	An Overview of Demand Response in Smart Grid and Optimization Techniques for Efficient Residential Appliance Scheduling Problem. Energies, 2020, 13, 4266.	1.6	49
23	Smart Water Technology for Efficient Water Resource Management: A Review. Energies, 2020, 13, 6268.	1.6	40
24	A graphical approach to carbon-efficient spot market scheduling for Power-to-X applications. Energy Conversion and Management, 2020, 224, 113461.	4.4	14
25	Solar Collectors Modeling and Controller Design for Solar Thermal Power Plant. IEEE Access, 2020, 8, 81425-81446.	2.6	14
26	The Hybridization of Ensemble Empirical Mode Decomposition with Forecasting Models: Application of Short-Term Wind Speed and Power Modeling. Energies, 2020, 13, 1666.	1.6	26
27	FashionFit: Analysis of Mapping 3D Pose and Neural Body Fit for Custom Virtual Try-On. IEEE Access, 2020, 8, 91603-91615.	2.6	18
28	Investigations of Object Detection in Images/Videos Using Various Deep Learning Techniques and Embedded Platformsâ€”A Comprehensive Review. Applied Sciences (Switzerland), 2020, 10, 3280.	1.3	76
29	An Exploratory Analysis on Visual Counterfeits Using Conv-LSTM Hybrid Architecture. IEEE Access, 2020, 8, 101293-101308.	2.6	23
30	Efficient Pneumonia Detection in Chest Xray Images Using Deep Transfer Learning. Diagnostics, 2020, 10, 417.	1.3	179
31	ForecastTBâ€”An R Package as a Test-Bench for Time Series Forecastingâ€”Application of Wind Speed and Solar Radiation Modeling. Energies, 2020, 13, 2578.	1.6	61
32	Computer Modeling for the Operation Optimization of Mula Reservoir, Upper Godavari Basin, India, Using the Jaya Algorithm. Sustainability, 2020, 12, 84.	1.6	9
33	Photoacoustic Imaging for Management of Breast Cancer: A Literature Review and Future Perspectives. Applied Sciences (Switzerland), 2020, 10, 767.	1.3	34
34	Nodal Matrix Analysis for Optimal Pressure-Reducing Valve Localization in a Water Distribution System. Energies, 2020, 13, 1878.	1.6	16
35	Integrated Wind Farm Power Curve and Power Curve Distribution Function Considering the Wake Effect and Terrain Gradient. Energies, 2019, 12, 2482.	1.6	10
36	A Comparison Between Reconstruction Methods for Generation of Synthetic Time Series Applied to Wind Speed Simulation. IEEE Access, 2019, 7, 135386-135398.	2.6	9

#	ARTICLE	IF	CITATIONS
37	A Review on Hybrid Empirical Mode Decomposition Models for Wind Speed and Wind Power Prediction. <i>Energies</i> , 2019, 12, 254.	1.6	115
38	Interior Point Algorithm Applied to the Optimization of the Power Supplied by a Wind Farm with a BESS. <i>E3S Web of Conferences</i> , 2019, 122, 04002.	0.2	0
39	A Strategy for Power Generation Optimization in a Hybrid Wind-BESS Power Plant. <i>E3S Web of Conferences</i> , 2019, 122, 04004.	0.2	1
40	Hybrid Leakage Management for Water Network Using PSF Algorithm and Soft Computing Techniques. <i>Water Resources Management</i> , 2018, 32, 1133-1151.	1.9	23
41	A Novel and Alternative Approach for Direct and Indirect Wind-Power Prediction Methods. <i>Energies</i> , 2018, 11, 2923.	1.6	12
42	Wind Turbine Power Curves Based on the Weibull Cumulative Distribution Function. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1757.	1.3	28
43	A novel imputation methodology for time series based on pattern sequence forecasting. <i>Pattern Recognition Letters</i> , 2018, 116, 88-96.	2.6	54
44	Analysis of differencing and decomposition preprocessing methods for wind speed prediction. <i>Applied Soft Computing Journal</i> , 2018, 71, 926-938.	4.1	49
45	A Novel approach for Video based Fire Detection system using Spatial and Texture analysis. <i>Indian Journal of Science and Technology</i> , 2018, 11, 1-17.	0.5	2
46	R Package imputeTestbench to Compare Imputation Methods for Univariate Time Series. <i>R Journal</i> , 2018, 10, 218.	0.7	16
47	R Package imputeTestbench to Compare Imputation Methods for Univariate Time Series. <i>R Journal</i> , 2018, 10, 218-233.	0.7	5
48	Optimization techniques for leakage management in urban water distribution networks. <i>Water Science and Technology: Water Supply</i> , 2017, 17, 1638-1652.	1.0	10
49	PSF: Introduction to R Package for Pattern Sequence Based Forecasting Algorithm. <i>R Journal</i> , 2017, 9, 324.	0.7	28
50	Leakage Reduction in Water Distribution Systems with Efficient Placement and Control of Pressure Reducing Valves Using Soft Computing Techniques. <i>Engineering, Technology & Applied Science Research</i> , 2017, 7, 1528-1534.	0.8	26
51	Real-Time Abandoned Object Detection Using Video Surveillance. , 2016, , 837-843.		3
52	RemoteWSN: A novel technique for remotely visualizing connectivity in WSN working on a weight based routing algorithm. , 2015, , .		1