# Sanjay Kumar

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| **11**<br>papers | **203**<br>citations | 1684188<br>**5**<br>h-index | 1720034<br>**7**<br>g-index |
| **12**<br>all docs | **12**<br>docs citations | **12**<br>times ranked | **151**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | A Review on different Parametric Aspects and Sizing Methodologies of Hybrid Renewable Energy System. Journal of the Institution of Engineers (India): Series B, 2022, 103, 1345-1354. | 1.9 | 5 |
| 2 | Modified SEIR model for prediction of COVID-19 outbreak trend in India with effectiveness of preventive care. Journal of Statistics and Management Systems, 2021, 24, 135-145. | 0.6 | 4 |
| 3 | Multiarea Economic Dispatch Using Evolutionary Algorithms. Mathematical Problems in Engineering, 2021, 2021, 1-14. | 1.1 | 8 |
| 4 | Efficient solar radiation estimation using cohesive artificial neural network technique with optimal synaptic weights. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2020, 234, 862-873. | 1.4 | 20 |
| 5 | Determination of sequent depth of hydraulic jump over sloping floor with rounded and crushed aggregates using experimental and ANN model. Water Science and Technology: Water Supply, 2019, 19, 2240-2247. | 2.1 | 7 |
| 6 | Resource estimation and sizing optimization of PV/micro hydro-based hybrid energy system in rural area of Western Himalayan Himachal Pradesh in India. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 2795-2807. | 2.3 | 40 |
| 7 | Development of ANN Based Model for Solar Potential Assessment Using Various Meteorological Parameters. Energy Procedia, 2016, 90, 587-592. | 1.8 | 49 |
| 8 | Application of artificial neural network for short term wind speed forecasting. , 2016, , . | | 31 |
| 9 | Arduino based solar powered battery charging system for rural SHS. , 2016, , . | | 9 |
| 10 | Optimal Sizing of Stand Alone Hybrid Renewable Energy System with Load Shifting. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-20. | 2.3 | 29 |
| 11 | Prediction and optimization of abrasive wear loss of ultrahigh strength martensitic steel using response surface methodology, Harris Hawk and artificial neural network. International Journal of Systems Assurance Engineering and Management, 0, , 1. | 2.4 | 1 |