Ahmed Aziz Ezzat

List of Publications by Year
in descending order

9 papers	222 citations	1307366 7 h-index	1474057 9 g-index
9 all docs	9 docs citations	9 times ranked	231 citing authors

#	Article	IF	Citations
1	A Graph-Theoretic Approach for Spatial Filtering and Its Impact on Mixed-Type Spatial Pattern Recognition in Wafer Bin Maps. IEEE Transactions on Semiconductor Manufacturing, 2021, 34, 194-206.	1.4	7
2	A surrogate-model-based approach for estimating the first and second-order moments of offshore wind power. Applied Energy, 2021, 299, 117286.	5.1	17
3	Machine Learning for Revealing Spatial Dependence among Nanoparticles: Understanding Catalyst Film Dewetting via Gibbs Point Process Models. Journal of Physical Chemistry C, 2020, 124, 27479-27494.	1.5	7
4	A model-based calibration approach for structural fault diagnosis using piezoelectric impedance measurements and a finite element model. Structural Health Monitoring, 2020, 19, 1839-1855.	4.3	24
5	Turbine-specific short-term wind speed forecasting considering within-farm wind field dependencies and fluctuations. Applied Energy, 2020, 269, 115034.	5.1	13
6	Layerwise Anomaly Detection in Laser Powder-Bed Fusion Metal Additive Manufacturing. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, .	1.3	53
7	Spatio-temporal short-term wind forecast: A calibrated regime-switching method. Annals of Applied Statistics, 2019, 13, 1484-1510.	0.5	25
8	Spatio-Temporal Asymmetry of Local Wind Fields and Its Impact on Short-Term Wind Forecasting. IEEE Transactions on Sustainable Energy, 2018, 9, 1437-1447.	5.9	61
9	Sequential Design for Functional Calibration of Computer Models. Technometrics, 2018, 60, 286-296.	1.3	15