

Albert Oliver

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

100
citations

1684188

5
h-index

1372567

10
g-index

20
all docs

20
docs citations

20
times ranked

124
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Analysis of satellite derived solar irradiance in islands with site adaptation techniques for improving the uncertainty. Renewable Energy, 2019, 135, 98-107. | 8.9 | 29 |
| 2 | Adaptive finite element simulation of stack pollutant emissions over complex terrains. Energy, 2013, 49, 47-60. | 8.8 | 15 |
| 3 | Improving shadows detection for solar radiation numerical models. Applied Mathematics and Computation, 2018, 319, 71-85. | 2.2 | 13 |
| 4 | Wind Forecasting Based on the HARMONIE Model and Adaptive Finite Elements. Pure and Applied Geophysics, 2015, 172, 109-120. | 1.9 | 11 |
| 5 | Optimisation technique for improving wind downscaling results by estimating roughness parameters. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 174, 411-423. | 3.9 | 6 |
| 6 | Finite element simulation of a local scale air quality model over complex terrain. Advances in Science and Research, 2012, 8, 105-113. | 1.0 | 5 |
| 7 | Sensitivity analysis of the WRF model: Assessment of performance in high resolution simulations in complex terrain in the Canary Islands. Atmospheric Research, 2021, 247, 105157. | 4.1 | 5 |
| 8 | Analysis of sounding derived parameters and application to severe weather events in the Canary Islands. Atmospheric Research, 2020, 237, 104865. | 4.1 | 4 |
| 9 | A Phenomenological Epidemic Model Based On the Spatio-Temporal Evolution of a Gaussian Probability Density Function. Mathematics, 2020, 8, 2000. | 2.2 | 3 |
| 10 | Comparison of Two Solar Probabilistic Forecasting Methodologies for Microgrids Energy Efficiency. Energies, 2021, 14, 1679. | 3.1 | 3 |
| 11 | Parallel graph-grammar-based algorithm for the longest-edge refinement of triangular meshes and the pollution simulations in Lesser Poland area. Engineering With Computers, 2021, 37, 3857-3880. | 6.1 | 3 |
| 12 | Wind Field Diagnostic Model. Green Energy and Technology, 2018, , 89-111. | 0.6 | 2 |
| 13 | Wind Field Probabilistic Forecasting. Green Energy and Technology, 2018, , 129-145. | 0.6 | 1 |
| 14 | Simulating large emitters using CMAQ and a local scale finite element model. Analysis of the surroundings of Barcelona. International Journal of Environment and Pollution, 2017, 62, 155. | 0.2 | 0 |
| 15 | Insertion of triangulated surfaces into a mecano tetrahedral discretization by means of mesh refinement and optimization procedures. International Journal for Numerical Methods in Engineering, 2018, 113, 1488-1506. | 2.8 | 0 |
| 16 | Simulating large emitters using CMAQ and a local scale finite element model. Analysis of the surroundings of Barcelona. International Journal of Environment and Pollution, 2017, 62, 155. | 0.2 | 0 |
| 17 | Characterization of Geographical and Meteorological Parameters. Green Energy and Technology, 2018, , 41-63. | 0.6 | 0 |
| 18 | Three-Dimensional Finite Element Modelling of Stack Pollutant Emissions. , 0, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Finite Element Simulation of Chimney Emissions: A Proposal for Near Field Impact Assessment in Highly Complex Terrains. , 0, , . | | 0 |
| 20 | A phenomenological computational model of the evoked action potential fitted to human cochlear implant responses. PLoS Computational Biology, 2022, 18, e1010134. | 3.2 | 0 |