

Inmaculada Zamora

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6929586/publications.pdf>

Version: 2024-02-01

18
papers

677
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

807
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Methodology for assessing electric vehicle charging infrastructure business models. <i>Energy Policy</i> , 2016, 89, 284-293. | 8.8 | 172 |
| 2 | Analysis of the Current Electric Battery Models for Electric Vehicle Simulation. <i>Energies</i> , 2019, 12, 2750. | 3.1 | 83 |
| 3 | Electric Vehicle into the Grid: Charging Methodologies Aimed at Providing Ancillary Services Considering Battery Degradation. <i>Energies</i> , 2019, 12, 2443. | 3.1 | 81 |
| 4 | Conversion of AC distribution lines into DC lines to upgrade transmission capacity. <i>Electric Power Systems Research</i> , 2011, 81, 1341-1348. | 3.6 | 78 |
| 5 | Hybrid fuel cells technologies for electrical microgrids. <i>Electric Power Systems Research</i> , 2010, 80, 993-1005. | 3.6 | 54 |
| 6 | VSC-HVDC configurations for converting AC distribution lines into DC lines. <i>International Journal of Electrical Power and Energy Systems</i> , 2014, 54, 589-597. | 5.5 | 33 |
| 7 | Energy management of micro renewable energy source and electric vehicles at home level. <i>Journal of Modern Power Systems and Clean Energy</i> , 2017, 5, 979-990. | 5.4 | 31 |
| 8 | Flexible Strain-Tension Calculation Method for Gap-Type Overhead Conductors. <i>IEEE Transactions on Power Delivery</i> , 2009, 24, 1529-1537. | 4.3 | 28 |
| 9 | Electric Arc in Low-Voltage Circuit Breakers: Experiments and Simulation. <i>IEEE Transactions on Plasma Science</i> , 2017, 45, 113-120. | 1.3 | 28 |
| 10 | Wind farm grounding system design for transient currents. <i>Renewable Energy</i> , 2011, 36, 2004-2010. | 8.9 | 24 |
| 11 | Empirical Electrical and Degradation Model for Electric Vehicle Batteries. <i>IEEE Access</i> , 2020, 8, 155576-155589. | 4.2 | 22 |
| 12 | Effective Assessment of Electric Power Losses in Three-Core XLPE Cables. <i>IEEE Transactions on Power Systems</i> , 2013, 28, 4488-4495. | 6.5 | 10 |
| 13 | Thermal model for current limiting fuses installed in vertical position. <i>Electric Power Systems Research</i> , 2014, 107, 167-174. | 3.6 | 8 |
| 14 | Wind Energy Harnessing in a Railway Infrastructure: Converter Topology and Control Proposal. <i>Electronics (Switzerland)</i> , 2020, 9, 1943. | 3.1 | 8 |
| 15 | Emergent Technologies In Electrical Microgeneration. <i>International Journal of Emerging Electric Power Systems</i> , 2005, 3, . | 0.8 | 7 |
| 16 | A Solid-State Fault Current Limiting Device for VSC-HVDC Systems. <i>International Journal of Emerging Electric Power Systems</i> , 2013, 14, 375-384. | 0.8 | 7 |
| 17 | Vehicle-to-grid charging control strategy aimed at minimizing harmonic disturbances. <i>International Journal of Energy Research</i> , 2021, 45, 16478-16488. | 4.5 | 3 |
| 18 | Adapting AC Lines to DC Grids for Large-Scale Renewable Power Transmission. <i>AIMS Energy</i> , 2014, 2, 385-398. | 1.9 | 0 |