

# Juan de Santiago

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4962886/publications.pdf>

Version: 2024-02-01

13  
papers

673  
citations

1163117

8  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

764  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Regenerative Braking for Energy Recovering in Diesel-Electric Freight Trains: A Technical and Economic Evaluation. <i>Energies</i> , 2020, 13, 963.                              | 3.1 | 14        |
| 2  | Wave Power Output Smoothing through the Use of a High-Speed Kinetic Buffer. <i>Energies</i> , 2019, 12, 2196.  | 3.1 | 17        |
| 3  | The generation of domestic hot water load profiles in Swiss residential buildings through statistical predictions. <i>Energy and Buildings</i> , 2017, 141, 341-348.             | 6.7 | 30        |
| 4  | Reluctance Machine for a Hollow Cylinder Flywheel. <i>Energies</i> , 2017, 10, 316.  | 3.1 | 4         |
| 5  | Development of an axial flux machine and control: Simulation and experimental set up. , 2016, , .  |     | 0         |
| 6  | Designing, simulations and experiments of a passive permanent magnet bearing. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2016, 51, 131-149.        | 0.6 | 8         |
| 7  | Stochastic control of cooling appliances under disturbances for primary frequency reserves. <i>Sustainable Energy, Grids and Networks</i> , 2016, 7, 70-79.                      | 3.9 | 11        |
| 8  | Flywheel Energy Storage for Automotive Applications. <i>Energies</i> , 2015, 8, 10636-10663.   | 3.1 | 85        |
| 9  | Calculation of Tooth Ripple Losses in Solid Poles. <i>Electric Power Components and Systems</i> , 2015, 43, 245-251.   | 1.8 | 3         |
| 10 | Harmonic Mitigation in a Coreless Double-Wound Flywheel Machine: Experimental Verification. <i>International Journal of Emerging Electric Power Systems</i> , 2015, 16, 243-251. | 0.8 | 0         |
| 11 | On the Efficiency of a Two-Power-Level Flywheel-Based All-Electric Driveline. <i>Energies</i> , 2012, 5, 2794-2817.  | 3.1 | 13        |
| 12 | Electrical Motor Drivelines in Commercial All-Electric Vehicles: A Review. <i>IEEE Transactions on Vehicular Technology</i> , 2012, 61, 475-484.                                 | 6.3 | 482       |
| 13 | Prototype of electric driveline with magnetically levitated double wound motor. , 2010, , .  |     | 6         |