

Jorge Torres

List of Publications by Year in descending order

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19
papers

182
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1477746

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h-index

1125271

13
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19
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19
docs citations

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times ranked

178
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Present and Future of Supercapacitor Technology Applied to Powertrains, Renewable Generation and Grid Connection Applications. <i>Energies</i> , 2021, 14, 3060. | 1.6 | 47 |
| 2 | Fast Energy Storage Systems Comparison in Terms of Energy Efficiency for a Specific Application. <i>IEEE Access</i> , 2018, 6, 40656-40672. | 2.6 | 24 |
| 3 | Dimensioning of Point Absorbers for Wave Energy Conversion by Means of Differential Evolutionary Algorithms. <i>IEEE Transactions on Sustainable Energy</i> , 2019, 10, 1076-1085. | 5.9 | 18 |
| 4 | Development and Experimental Validation of a Supercapacitor Frequency Domain Model for Industrial Energy Applications Considering Dynamic Behaviour at High Frequencies. <i>Energies</i> , 2020, 13, 1156. | 1.6 | 17 |
| 5 | Power Supply Solution for Ultrahigh Speed Hyperloop Trains. <i>Smart Cities</i> , 2020, 3, 642-656. | 5.5 | 12 |
| 6 | Switched Reluctance Drives with Degraded Mode for Electric Vehicles. , 0, , . | | 10 |
| 7 | Design methodology of a high speed switched reluctance generator drive for aircrafts. , 2016, , . | | 8 |
| 8 | New Type of Linear Switched Reluctance Generator for Wave Energy Applications. <i>IEEE Transactions on Applied Superconductivity</i> , 2020, , 1-1. | 1.1 | 8 |
| 9 | Dimensioning Methodology of Energy Storage Systems for Power Smoothing in a Wave Energy Conversion Plant Considering Efficiency Maps and Filtering Control Techniques. <i>Energies</i> , 2020, 13, 3380. | 1.6 | 7 |
| 10 | Dimensioning Methodology of an Energy Storage System Based on Supercapacitors for Grid Code Compliance of a Wave Power Plant. <i>Energies</i> , 2021, 14, 985. | 1.6 | 7 |
| 11 | Asymmetrical Rotor Skewing Optimization in Switched Reluctance Machines Using Differential Evolutionary Algorithm. <i>Energies</i> , 2021, 14, 3194. | 1.6 | 7 |
| 12 | Technology description and characterization of a low-cost flywheel for energy management in microgrids. , 2015, , . | | 5 |
| 13 | Battery Energy Storage System Dimensioning for Reducing the Fixed Term of the Electricity Access Rate in Industrial Consumptions. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7395. | 1.3 | 4 |
| 14 | Recent Advances in Direct-Drive Power Take-Off (DDPTO) Systems for Wave Energy Converters Based on Switched Reluctance Machines (SRM). <i>Ocean Engineering & Oceanography</i> , 2022, , 487-532. | 0.1 | 4 |
| 15 | Metaheuristic optimisation approach for wave energy converter design by means of a stochastic hydrodynamic model. <i>IET Renewable Power Generation</i> , 2021, 15, 548-561. | 1.7 | 1 |
| 16 | Grid Integration of Wave Energy Devices. <i>Ocean Engineering & Oceanography</i> , 2022, , 533-578. | 0.1 | 1 |
| 17 | Analysis of Alternatives for the Acceleration of a Hyperloop System. <i>Communications in Computer and Information Science</i> , 2021, , 259-271. | 0.4 | 1 |
| 18 | Energy Storage Systems for Power Supply of Ultrahigh Speed Hyperloop Trains. <i>Communications in Computer and Information Science</i> , 2020, , 244-255. | 0.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Minimum losses point tracking and minimum current point tracking in interior PMSMs. , 2016, , . | | 0 |