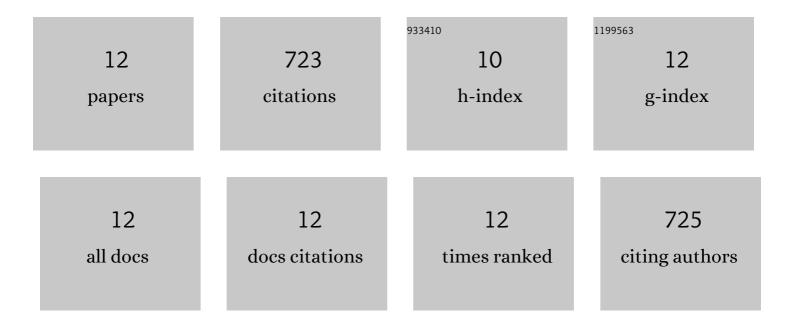
## Lijun Zhang

List of Publications by Year in descending order

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| #  | Article                                                                                                                                                                                                                                                 | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Research on the Thermal Characteristics of an 18650 Lithium-Ion Battery Based on an<br>Electrochemical–Thermal Flow Coupling Model. World Electric Vehicle Journal, 2021, 12, 250.                                                                      | 3.0 | 11        |
| 2  | Parameter Identification and State Estimation of Lithium-Ion Batteries for Electric Vehicles with<br>Vibration and Temperature Dynamics. World Electric Vehicle Journal, 2020, 11, 50.                                                                  | 3.0 | 17        |
| 3  | Review of Battery Cell Balancing Methodologies for Optimizing Battery Pack Performance in Electric<br>Vehicles. IEEE Access, 2019, 7, 129335-129352.                                                                                                    | 4.2 | 165       |
| 4  | Design and synthesis of a 2-hydroxy-1-naphthaldehyde -based fluorescent chemosensor for selective detection of aluminium ion. Inorganica Chimica Acta, 2018, 478, 112-117.                                                                              | 2.4 | 19        |
| 5  | Remaining Useful Life Prediction for Lithium-Ion Batteries Based on Exponential Model and Particle<br>Filter. IEEE Access, 2018, 6, 17729-17740.                                                                                                        | 4.2 | 164       |
| 6  | The fluorescent property of 3-[(2-hydroxy-1-naphthyl) methylideneamino]benzoic acid and its<br>application as fluorescent chemosensor for Hg2+ and Al3+ ions. Spectrochimica Acta - Part A:<br>Molecular and Biomolecular Spectroscopy, 2018, 188, 1-7. | 3.9 | 19        |
| 7  | Coupling Analysis and Performance Study of Commercial 18650 Lithium-Ion Batteries under Conditions of Temperature and Vibration. Energies, 2018, 11, 2856.                                                                                              | 3.1 | 24        |
| 8  | Ice Detection Model of Wind Turbine Blades Based on Random Forest Classifier. Energies, 2018, 11, 2548.                                                                                                                                                 | 3.1 | 44        |
| 9  | Research on Degeneration Model of Neural Network for Deep Groove Ball Bearing Based on Feature Fusion. Algorithms, 2018, 11, 21.                                                                                                                        | 2.1 | 7         |
| 10 | Review on Health Management System for Lithium-Ion Batteries of Electric Vehicles. Electronics (Switzerland), 2018, 7, 72.                                                                                                                              | 3.1 | 67        |
| 11 | Comparative Research on RC Equivalent Circuit Models for Lithium-Ion Batteries of Electric Vehicles.<br>Applied Sciences (Switzerland), 2017, 7, 1002.                                                                                                  | 2.5 | 151       |
| 12 | Effects of Vibration on the Electrical Performance of Lithium-Ion Cells Based on Mathematical Statistics. Applied Sciences (Switzerland), 2017, 7, 802.                                                                                                 | 2.5 | 35        |