

# Dawei Gao

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

126  
citations

1937685

4  
h-index

1588992

8  
g-index

21  
all docs

21  
docs citations

21  
times ranked

98  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | 3-D Vector-Based Model Predictive Current Control for Open-End Winding PMSG System With Zero-Sequence Current Suppression. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 242-258. | 5.4  | 25        |
| 2  | Vibration Optimization of FSCW-IPM Motor Based on Iron-Core Modification for Electric Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 14834-14845.   | 6.3  | 19        |
| 3  | A new scheme for on-load tap-changer of transformers. , 0, , .  |      | 15        |
| 4  | Design and performance of an active power filter for unbalanced loads. , 0, , .   |      | 13        |
| 5  | Vibration Suppression of FSCW-IPM with Auxiliary Slots. , 2018, , .   |      | 9         |
| 6  | A comparison of different types of motors used for low speed electric vehicles: Experiments and simulations. , 2014, , .  |      | 8         |
| 7  | High-Frequency Voltage and Current Sense Circuits for Inductive Power Transfer Systems. IEEE Transactions on Power Electronics, 2020, 35, 11352-11362.  | 7.9  | 7         |
| 8  | Comparison and analysis of permanent magnet vernier motors for low-noise in-wheel motor application. IET Electric Power Applications, 2020, 14, 274-281.  | 1.8  | 6         |
| 9  | A novel flux oriented V/f control method of induction motor based industrial adjustable speed drives. , 2018, , .   |      | 5         |
| 10 | Strategy of efficiency optimization of PMSM-DTC system used for EVs. , 2014, , .  |      | 4         |
| 11 | Highly effective leakage magnetic field suppression by using a reactive coil in perfectly aligned EV wireless charging systems. Journal of Power Electronics, 2020, 20, 11-21.                                  | 1.5  | 4         |
| 12 | A novel thyristor assisted diverter switch for on load transformer tap changer. , 0, , .  |      | 3         |
| 13 | Improving Quality Factor of Ferrite-Core Inductors Applied in Inductive Power Transfer. , 2021, , .   |      | 2         |
| 14 | Analytical and experimental investigations of optimal load impedance in LCC-compensated inductive power transfer systems. ETransportation, 2022, 11, 100153.  | 14.8 | 2         |
| 15 | Development and application of fuel cell hybrid powertrain simulation platform. , 2008, , .   |      | 1         |
| 16 | Development of HIL test platform based on veristand for hybrid powertrain controller. , 2014, , .   |      | 1         |
| 17 | Finite Element Analysis-Aided Optimization of Rectangular Coil Assemblies Applied in Electric Vehicle Inductive Chargers. World Electric Vehicle Journal, 2021, 12, 219.  | 3.0  | 1         |
| 18 | The digital control of auxiliary DC-DC converter on fuel cell vehicle. , 2008, , .  |      | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Research on control method of induction motor for fuel cell hybrid vehicles. , 2011, , .   |     | 0         |
| 20 | Equivalence-Principle-Based Modeling and Analysis of Coil Assemblies Applied in Electric Vehicle Inductive Chargers. IEEE Transactions on Magnetics, 2022, 58, 1-13. | 2.1 | 0         |