# Dan Shen

## List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 17<br>papers | 83<br>citations | 2682572<br>2<br>h-index | 2550090<br>3<br>g-index |
| 17<br>all docs | 17<br>docs citations | 17<br>times ranked | 34<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | A hybrid wind-solar-storage energy generation system configuration and control. , 2014, , . | | 15 |
| 2 | Distributed Stochastic Model Predictive Control With Taguchiâ€™s Robustness for Vehicle Platooning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15967-15979. | 8.0 | 10 |
| 3 | Test Scenarios Development and Data Collection Methods for the Evaluation of Vehicle Road Departure Prevention Systems. IEEE Transactions on Intelligent Vehicles, 2019, 4, 337-352. | 12.7 | 8 |
| 4 | Sliding mode extremum seeking control for maximum power point tracking in wind system. , 2016, , . | | 7 |
| 5 | Implementation and Performance Evaluation of In-vehicle Highway Back-of-Queue Alerting System Using the Driving Simulator. , 2021, , . | | 6 |
| 6 | Distributed Nonlinear Model Predictive Control for Heterogeneous Vehicle Platoons Under Uncertainty. , 2021, , . | | 6 |
| 7 | Study on the Cooling System of Super-Capacitors for Hybrid Electric Vehicle. Applied Mechanics and Materials, 0, 492, 37-42. | 0.2 | 5 |
| 8 | Modeling and control of a combined wind-solar microgrid. , 2014, , . | | 5 |
| 9 | Collision-Free Path Planning for Automated Vehicles Risk Assessment via Predictive Occupancy Map. , 2020, , . | | 5 |
| 10 | Sliding mode control of a DC distributed solar microgrid. , 2015, , . | | 4 |
| 11 | Roadside Boundaries and Objects for the Development of Vehicle Road Keeping AssistanceÂSystem. , 2018, , . | | 4 |
| 12 | The Color Specification of Surrogate Roadside Objects for the Performance Evaluation of Roadway Departure Mitigation Systems. , 0, , . | | 3 |
| 13 | Color and Height Characteristics of Surrogate Grass for the Evaluation of Vehicle Road Departure Mitigation Systems. , 0, , . | | 2 |
| 14 | Data Collection and Processing Methods for the Evaluation of Vehicle Road Departure Detection Systems. , 2018, , . | | 1 |
| 15 | Infrared Reflectance Requirements of the Surrogate Grass from Various Viewing Angles. , 0, , . | | 1 |
| 16 | A Practical View of the Similarity and Differences Among the Impaired Driver States in Legal Driving. Lecture Notes in Computer Science, 2020, , 207-220. | 1.3 | 1 |
| 17 | Analysis and Optimization of Marine Pumps Take-Off and Landing Platform Based on ANSYS. Applied Mechanics and Materials, 0, 455, 544-550. | 0.2 | 0 |