# Xiaowei Xu

List of Publications by Year
in descending order



| 14 | 85 | 1684188 5 | 1474206 9 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 71 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Review of the Current Status of Ammonia-Blended Hydrogen Fuel Engine Development. Energies, 2022, 15, 1023. | 3.1 | 22 |
| 2 | Review of the Fault Mechanism and Diagnostic Techniques for the Range Extender Hybrid Electric Vehicle. IEEE Access, 2017, 5, 14234-14244. | 4.2 | 17 |
| 3 | Review of intelligent fault diagnosis for permanent magnet synchronous motors in electric vehicles. Advances in Mechanical Engineering, 2020, 12, 168781402094432. | 1.6 | 16 |
| 4 | Misfire Fault Diagnosis of Range Extender Based on Harmonic Analysis. International Journal of Automotive Technology, 2019, 20, 99-108. | 1.4 | 11 |
| 5 | Fault Diagnosis of Permanent Magnet Synchronous Motor Based on Stacked Denoising Autoencoder. Entropy, 2021, 23, 339. | 2.2 | 5 |
| 6 | Fractional Order Adaptive Fast Super-Twisting Sliding Mode Control for Steer-by-Wire Vehicles with Time-Delay Estimation. Electronics (Switzerland), 2021, 10, 2424. | 3.1 | 4 |
| 7 | Dynamics Analysis of Misalignment and Stator Short-Circuit Coupling Fault in Electric Vehicle Range Extender. Processes, 2020, 8, 1037. | 2.8 | 3 |
| 8 | Analysis of Intrinsic Mechanistic of Stability-Tracking Control for Distributed Drive Autonomous Electric Vehicle. Electronics (Switzerland), 2021, 10, 3010. | 3.1 | 3 |
| 9 | Smooth iteration online support tension machine algorithm and application in fault diagnosis of electric vehicle extended range. Advances in Mechanical Engineering, 2018, 10, 168781401881656. | 1.6 | 2 |
| 10 | Application of support higher-order tensor machine in fault diagnosis of electric vehicle range-extender. , 2017, , . | | 1 |
| 11 | Dynamic Analysis of Misfire and Stator Short Circuit Coupling Fault in Electric Vehicle Range Extender. International Journal of Automotive Technology, 2022, 23, 413-426. | 1.4 | 1 |
| 12 | Fault Feature Extraction Method of a Permanent Magnet Synchronous Motor Based on VAE-WGAN. Processes, 2022, 10, 200. | 2.8 | 0 |
| 13 | A New Deep Model for Detecting Multiple Moving Targets in Real Traffic Scenarios: Machine Vision-Based Vehicles. Sensors, 2022, 22, 3742. | 3.8 | 0 |
| 14 | Fault data expansion method of permanent magnet synchronous motor based on Wasserstein-generative adversarial network. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622210973. | 2.1 | 0 |