

Seunghyeon Cho

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Topology Optimization to Reduce Electromagnetic Force Induced Vibration for the Specific Frequency of PMSM Motor Using Electromagnetic-Structural Coupled Analysis. <i>Energies</i> , 2021, 14, 431. | 3.1 | 5 |
| 2 | Design of end coil angular position and centerline shape of C-type side load coil spring for reducing side load of MacPherson strut suspension. <i>Journal of Mechanical Science and Technology</i> , 2021, 35, 1153-1160. | 1.5 | 1 |
| 3 | Reliability-based robust design optimization for torque ripple reduction considering manufacturing uncertainty of interior permanent magnet synchronous motor. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 1249-1256. | 1.5 | 9 |
| 4 | Load analysis and structural strength evaluation of semi-submersible platform for wind turbines in Jeju Island sea states using hydrodynamic-structure interaction analysis. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 1227-1235. | 1.5 | 4 |
| 5 | Optimal design to reduce torque ripple of IPM motor with radial based function meta-model considering design sensitivity analysis. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 3955-3961. | 1.5 | 4 |
| 6 | Sequential Approximate Optimization of MacPherson Strut Suspension for Minimizing Side Load by Using Progressive Meta-Model Method. <i>International Journal of Automotive Technology</i> , 2018, 19, 455-461. | 1.4 | 4 |
| 7 | Kriging Model Based Optimization of MacPherson Strut Suspension for Minimizing Side Load using Flexible Multi-Body Dynamics. <i>International Journal of Precision Engineering and Manufacturing</i> , 2018, 19, 873-879. | 2.2 | 12 |
| 8 | A Study on Vibration Characteristics of Brushless DC Motor by Electromagnetic-Structural Coupled Analysis Using Entire Finite Element Model. <i>IEEE Transactions on Energy Conversion</i> , 2018, 33, 1712-1718. | 5.2 | 26 |
| 9 | Effects of mechanical deformation on energy conversion efficiency of piezoelectric nanogenerators. <i>Nanotechnology</i> , 2015, 26, 275402. | 2.6 | 10 |