

Seunghyeon Cho

List of Publications by Year in descending order

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docs citations

9
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citing authors

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