

Mehdi Mahmoodi-K

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

403
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

417
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized predictive energy management of plug-in hybrid electric vehicle based on traffic condition. Journal of Cleaner Production, 2016, 139, 935-948.	9.3	114
2	Development a new power management strategy for power split hybrid electric vehicles. Transportation Research, Part D: Transport and Environment, 2015, 37, 79-96.	6.8	93
3	Identification of tire forces using Dual Unscented Kalman Filter algorithm. Nonlinear Dynamics, 2014, 78, 1907-1919.	5.2	35
4	An optimal energy management development for various configuration of plug-in and hybrid electric vehicle. Journal of Central South University, 2015, 22, 1737-1747.	3.0	32
5	Optimization of the component sizing for a plug-in hybrid electric vehicle using a genetic algorithm. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2016, 230, 692-708.	1.9	31
6	Simultaneous multi-objective optimization of a PHEV power management system and component sizing in real world traffic condition. Energy, 2021, 233, 121111.	8.8	30
7	Multi-objective component sizing of plug-in hybrid electric vehicle for optimal energy management. Clean Technologies and Environmental Policy, 2016, 18, 1189-1202.	4.1	25
8	Design of an optimal active stabilizer mechanism for enhancing vehicle rolling resistance. Journal of Central South University, 2016, 23, 1142-1151.	3.0	20
9	Comparative study of different types of PHEV optimal control strategies in real-world conditions. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2018, 232, 1597-1610.	1.9	17