

# Kan Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4131420/publications.pdf>

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11  
papers

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citations

1937685

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2053705

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11  
docs citations

11  
times ranked

161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computationally Efficient 3-D Finite-Element-Based Dynamic Thermal Models of Electric Machines. IEEE Transactions on Transportation Electrification, 2015, 1, 138-149.	7.8	27
2	Finite-Element-Based Computationally Efficient Scalable Electric Machine Model Suitable for Electrified Powertrain Simulation and Optimization. IEEE Transactions on Industry Applications, 2015, 51, 4435-4445.	4.9	23
3	A Hybrid Electric Vehicle Thermal Management System - Nonlinear Controller Design. , 0, , .		20
4	Computationally Efficient AC Resistance Model for Stator Winding With Rectangular Conductors. IEEE Transactions on Magnetics, 2020, 56, 1-9.	2.1	13
5	An electric motor thermal management system for hybrid vehicles: modelling and control. International Journal of Vehicle Performance, 2016, 2, 207.	0.4	9
6	Computationally-efficient 3D finite-element-based dynamic thermal models of electric machines. , 2013, , .		7
7	Computationally-efficient finite-element-based thermal models of electric machines. , 2011, , .		5
8	A Framework for Optimization of the Traction Motor Design Based on the Series-HEV System Level Goals. , 2014, , .		5
9	Finite-element-based computationally-efficient electric machine model suitable for use in electrified vehicle powertrain design optimization. , 2014, , .		3
10	A stator current locus approach to induction machine parameter estimation. , 2014, , .		2
11	Powerpack Optimal Design Methodology with Embedded Configuration Benchmarking. SAE International Journal of Alternative Powertrains, 2016, 5, 223-227.	0.8	2