

Review of underhood aerothermal management: Toward

Applied Thermal Engineering

73, 842-858

DOI: [10.1016/j.applthermaleng.2014.08.037](https://doi.org/10.1016/j.applthermaleng.2014.08.037)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Innovative approach of determining the overall heat transfer coefficient of heat exchangers “ Application to cross-flow water-air types. Applied Thermal Engineering, 2016, 99, 1086-1092.	6.0	16
2	Effect of air temperature non-uniformity on water“air heat exchanger thermal performance “ Toward innovative control approach for energy consumption reduction. Applied Energy, 2016, 173, 481-493.	10.1	20
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4	A methodology for thermal analysis of complex integrated systems: Application to a micro-CHP plant. Applied Thermal Engineering, 2017, 112, 1510-1522.	6.0	7
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7	Enhancing the performance of vehicle cooling modules using diffusers. Case Studies in Thermal Engineering, 2018, 11, 120-124.	5.7	1
8	Full vehicle CFD investigations on the influence of front-end configuration on radiator performance and cooling drag. Applied Thermal Engineering, 2018, 130, 1328-1340.	6.0	43
9	A New Control Approach on Positioning of Heat Exchangers in Automotive Front End Cooling Module. , 2018, , .		0
10	Impact of underhood leakage zones on the aerothermal situation “ Experimental simulations and physical analysis. Applied Thermal Engineering, 2018, 145, 507-515.	6.0	5
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17	Domestic thermoelectric cogeneration drying system: Thermal modeling and case study. Energy, 2019, 170, 1036-1050.	8.8	14
18	Study of hybrid energy system coupling fuel cell, solar thermal system and photovoltaic cell. International Journal of Hydrogen Energy, 2020, 45, 13564-13574.	7.1	32

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21	The Effect of Blade Count on Body Force Model Performance for Axial Fans. Journal of Turbomachinery, 2021, 143, .	1.7	2
22	Application of boundary layer theory to enhanced heat transfer design of clean gas bus cabin. , 2021, , .		0
23	Development of a new method for estimating the overall heat transfer coefficient of heat exchangers â€œ Validation in automotive applications. Case Studies in Thermal Engineering, 2021, 28, 101434.	5.7	7
24	Analysis on the waste heat recovery in a light duty vehicle. Energy, 2022, 238, 121696.	8.8	4
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34	Simulation and Optimization for an SUV Cooling System. Lecture Notes in Electrical Engineering, 2023, , 1-13.	0.4	0
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