

Ramesh Kumar Chidambaram

List of Publications by Year in descending order

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17
papers

564
citations

1040056

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h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

648
citing authors

#	ARTICLE	IF	CITATIONS
1	LPG diesel dual fuel engine " A critical review. AEJ - Alexandria Engineering Journal, 2015, 54, 105-126.	6.4	146
2	Polymer composites for thermal management: a review. Composite Interfaces, 2016, 23, 847-872.	2.3	99
3	A review on control system architecture of a SI engine management system. Annual Reviews in Control, 2016, 41, 94-118.	7.9	69
4	Study of performance and emission characteristics of a partially coated LHR SI engine blended with n-butanol and gasoline. AEJ - Alexandria Engineering Journal, 2013, 52, 285-293.	6.4	62
5	Experimental study on waste heat recovery from an IC engine using thermoelectric technology. Thermal Science, 2011, 15, 1011-1022.	1.1	56
6	Trends and future perspectives of electronic throttle control system in a spark ignition engine. Annual Reviews in Control, 2017, 44, 97-115.	7.9	37
7	Cause and Mitigation of Lithium-Ion Battery Failure" A Review. Materials, 2021, 14, 5676.	2.9	37
8	Numerical analysis of C.I engine to control emissions using exhaust gas recirculation and advanced start of injection. AEJ - Alexandria Engineering Journal, 2016, 55, 1881-1891.	6.4	13
9	An experimental study to analyze influence of porous media combustor on performance and emission characteristics of a DI diesel engine. Fuel, 2020, 280, 118645.	6.4	13
10	A Novel Emergent Intelligence Technique for Public Transport Vehicle Allocation Problem in a Dynamic Transportation System. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5389-5402.	8.0	11
11	Role of thermal barrier coating and porous medium combustor for a diesel engine: An experimental study. Fuel, 2020, 280, 118597.	6.4	7
12	Safety and Risk Analysis of Autonomous Vehicles Using Computer Vision and Neural Networks. Vehicles, 2021, 3, 595-617.	3.1	7
13	Neural Network- and Fuzzy Control-Based Energy Optimization for the Switching in Parallel Hybrid Two-Wheeler. World Electric Vehicle Journal, 2021, 12, 35.	3.0	4
14	AUTOMOTIVE HEADLAMP HIGH POWER LED COOLING SYSTEM AND ITS EFFECT ON JUNCTION TEMPERATURE AND LIGHT INTENSITY. Journal of Thermal Engineering, 2020, 6, 354-368.	1.6	3
15	Parametric analysis and optimization of convective fin with variable thermal conductivity using semi-analytical solution. International Journal of Heat and Technology, 2018, 36, 677-686.	0.6	0
16	Study of NOx Reduction Efficiency in NSR and NSR-SCR Combined Systems. , 0, , .		0
17	Estimation of Parallel Hybrid Scooter"™s Energy Consumption through Real Urban Drive Cycle Using IMU. Vehicles, 2022, 4, 297-315.	3.1	0