

Ramesh Kumar Chidambaram

List of Publications by Year in descending order

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17
papers

564
citations

1040056

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docs citations

17
times ranked

648
citing authors

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