

## Publication records of **Dr.K.A.Ramesh Kumar**

1. Ramesh Kumar KA, Balamurugan K , Gnanaraj D,Ilangovan S, A Study on the Effect of SiC Reinforcement on the Surface and Tribological Behavior on Al-Metal Matrix Composites , Applied Mechanics and Materials , 392(0), 51-56, 2013, Trans Tech Publications
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3. Ramesh Kumar KA, Balamurugan K, Arungalai Vendan S,Bensam Raj J , Investigations on thermal properties, stress and deformation of Al/SiC metal matrix composite based on finite element method , Carbon – Science and Technology , 3(6), 1-13, 2014, Applied Science Innovations Pvt. Ltd., India (0.1280)
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7. Ramesh Kumar KA, D Gnanaraj, Investigation of Performance Characteristics of a Polymer Coated Suspension Spring, International Journal of Machine and Construction Engineering (IJMCE), 2(3), 1-4, 2015, Bonfay Publications(3.4700)
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  13. Ramesh Kumar KA, -, Experimental Investigation Of Net Heat Release Rate Of A Variable Compression Ratio Diesel Engine Operating With Honge Oil Blends For Different Crank Angles, International Journal of Advance Research and Innovative Ideas in Education, 2(4), 1086-1094, 2016, -(4.0600)
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  15. Ramesh Kumar KA, -, Performance Studies on Single Flow Channel Proton Exchange Membrane Fuel Cell under Different Cell Potentials , International Journal for Innovative Research in Science & Technology , 3(5), 132-137, 2016, (4.3710)
  16. K Ramya, K. A. Ramesh Kumar, Smart Power Gen using renewable sources with Intelligent Energy Storage system in grid

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  - 18.D.Gnanaraj, R.Vijayan, A.Saravanan, K.A.Rameshkumar\*, Enhancing Convective Heat Transfer in a Double Glazing V-Trough Solar Collector Using Horizontal And Vertical Wing Cut Twisted Tape Inserts , Perspectivas em Ciencia da Informacao , 22(5), 312-342, 2017,
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  - 21.S.G. Rahula, G. Dhivyasria, P. Kavithaa, S. Arungalai Vendana, K.A. Ramesh Kumar\*, Akhil Garg, Gao Liang, Model reference adaptive controller for enhancing depth of penetration and bead width during Cold Metal Transfer joining process, Robotics and Computer Integrated Manufacturing, 53(0), 122-134, 2018, elsevier(3.4640)
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  27. T. Yuvaraja, K. A. Ramesh Kumar, "Fuzzy Control In H-Bridge Mli For Solar Pv System To Enhance Load Sharing" , International Journal of Electrical Engineering Education , 0(0), 0-0, 2018, SAGE Journals (0.5930)
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