

**Dr.J.SelwinRajadurai**

## List of Publications

Production and Characterization of biodiesel from Acacia nilotica seeds', SelwinRajadurai, J et al Int. Journal of Chem Tech Research, Vol.8(2), pp. 854 – 859	2015
Production of biodiesel from Waste cooking oil using two different Alkaline Catalysts' SelwinRajadurai, J et al Int. Journal of Chem Tech Research, Vol.8(2), pp. 754 – 759	2015
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Investigation of micro structure, mechanical and tribological properties of solid self-lubricating copper hybrid composites processed by solid state mixing techniques', S. Sundararajan&SelwinRajadurai, J Int. Journal of Engineering Tribology	2015
Study of thermal conductivity enhancement of aqueous suspensions containing silver nanoparticles", S. Iyahraja& J. SelwinRajadurai AIP Advances, vol.5, Article id: 057103, DOI: 10.1063/1.4919808.	2015
Stability of Aqueous Nanofluids Containing PVP-Coated Silver Nanoparticles S. Iyahraja& J. SelwinRajadurai Arabian Journal for Science and Engineering, vol. 41, no. 2 , pp. 653-660.	2015
Impact of solid self-lubricant and hardceramic reinforcements on tribologicalcharacteristics of microwave-sinteredCu hybrid composites processed by solid-state mixing technique S Sundararajan, J SelwinRajadurai and C Antony VasanthaKumar, Journal of Engineering Tribology, Volume: 231 issue: 5, page(s): 523-54	2015
Effect Of Fly Ash As Filler On Mechanical & Frictional Properties Of Jute Fiber Reinforced Composite, V. Manikandan, S. Richard, M. ChithambaraThanu, J. SelwinRajadurai, International Research Journal of Engineering and Technology (IRJET), Volume: 02 Issue: 07   Oct-2015	2015
Effect Of Warping Deformation Mode In The Prediction Of Free Edge Stresses In The Composite Laminates, S.Ramasamy, Arul Marcel Moshi A, Dr.J.SelwinRajadurai, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.62 (2015)	2015
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Influence of particle size and particle loading on mechanical and dielectric properties of biochar particulate reinforced polymer nano composites S. Richard, J. Selwin Rajadurai & V. Manikandan, International Journal of Polymer Analysis and Characterization, 2016, VOL. 21, NO. 6, 462–477	2016
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Influence Of Permacore T-18 Polyester Fibre Stitched Around Circular Hole In Woven Jute Fibre Reinforced Composite, M. Chithambara Thanu, T. Christopher, V. Manikandan, J. Selwin Rajadurai, International Journal of Advanced Engineering Technology, /Vol. VII/Issue II/April-June, 2016/	2016
Microscopical, physico-chemical, mineralogical, and mechanical characterization of Sansevieria zeylanica fibers as potential reinforcement of composite structures, P Ponnu Krishnan, J Selwin Rajadurai, Journal of Composite Materials,	2016
Performance enrichment on tribological characteristics of powder metallurgy processed aluminium particulate composites by inclusion of rutile (TiO <sub>2</sub> ), Antony Vasantha Kumar, C.; Selwin Rajadurai, J.; Sundararajan, S., Journal of Materials Research, vol. 31, issue 16, pp. 2445-2456	2016
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Numerical analysis of effective dielectric constant of hybrid glass microsphere filled epoxy composites, Supriya, S, J. Selwin Rajadurai, International Journal Of Printing Packaging And Allied Sciences, vol. 4, no. 4 pp. 2812-2818	2016
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A Numerical Study on the Determination of Mechanical and Thermal Properties of Hybrid Polymeric Composites, Supriya, Selwin Rajadurai, Jebakani International Journal of Engineering Technology Science and Research, Vol. 4, No. 11, pp. 884-892	2017
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Investigation on convective heat transfer and friction factor of silver–water nanofluid under laminar flow – an experimental study Iyahraja, S., SelwinRajadurai, J., Siva Subramanian, B., Sivasankar, P., Subash, S. Heat and Mass Transfer, 2019, 55(10), pp. 3029-3039	2019
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