

1. Macroalgae and microalgae as a potential source for commercial applications along with biofuels production: a biorefinery approach
T Suganya, M Varman, HH Masjuki, S Renganathan
Renewable and Sustainable Energy Reviews 55, 909-941
3. Green synthesis of iron oxide nanoparticles from Mimosa pudica root extract VA Niraimathee, V Subha, RSE Ravindran, S Renganathan International Journal of Environment and Sustainable Development 15 (3), 227-240 39 2016
4. Green synthesis of iron oxide nanoparticles from Mimosa pudica root extract VA Niraimathee, V Subha, RSE Ravindran, S Renganathan International Journal of Environment and Sustainable Development 15 (3), 227-240 39 2016
5. Comparison of the effect of PRP, PRF and induced bleeding in the revascularization of teeth with necrotic pulp and open apex: a triple blind randomized clinical trial
6. VY Shivashankar, DA Johns, RK Maroli, M Sekar, R Chandrasekaran, Journal of clinical and diagnostic research: JCDR 11 (6), ZC34 38 2017
7. Hydrothermal liquefaction of freshwater and marine algal biomass: a novel approach to produce distillate fuel fractions through blending and co-processing of biocrude with ...
M Lavanya, A Meenakshisundaram, S Renganathan, S Chinnasamy, ...Bioresource technology 203, 228-235 38 2016
8. Optimization of L-asparaginase production by Aspergillus terreus MTCC 1782 using response surface methodology and artificial neural network-linked genetic algorithm G Baskar, S Renganathan Asia-Pacific Journal of Chemical Engineering 7 (2), 212-220 36 2010
9. Ultrasonic assisted acid base transesterification of algal oil from marine macroalgae Caulerpa peltata: optimization and characterization studies S Tamilarasan, R Sahadevan Fuel 128, 347-355 26 2014
10. Global dynamics of SEIRS epidemic model with non-linear generalized incidences and preventive vaccination MA Khan, Q Badshah, S Islam, I Khan, S Shafie, SA Khan Advances in Difference Equations 2015 (1), 88 18 2015
11. An Eco-Friendly Catalyst Derived From Waste Shell Of Scylla Tranquebarica For Biodiesel Production P Sivakumar, P Sivakumar, K Anbarasu, R Mathiarasi, S Renganathan International journal of green energy 11 (8), 886-897 18 2014
12. Environmental sustainability using green technologies V Sivasubramanian CRC press 14 2016
13. Green synthesis of zinc oxide nanoparticles by Celosia argentea and its characterization J Vaishnav, V Subha, S Kirubanandan, M Arulmozhi, S Renganathan Journal of Optoelectronic and Biomedical Materials 9, 59-71 13 2017
14. Bio-Oil Separation from Potential Non-Edible Urban Waste Source Putranjiva roxburghii
15. N Subramanian, DK Mahendradas, R Kasirajan, R Sahadevan Separation Science and Technology 50 (13), 2066-2074 13 2015
16. Biosorption of reactive red 2 using positively charged Metapenaeus monoceros shells E Thiyagarajan, P Saravanan, P Saranya, NN Gandhi, S Renganathan Journal of Saudi Chemical Society 21, S1-S6 12 2017

17. **Microbial fuel cells: recent developments in design and materials** G Bhargavi, V Venu, S Renganathan IOP Conference Series: Materials Science and Engineering 330 (1)11 2018
18. **A study on cellulase production from a mixture of lignocellulosic wastes** NK Ramamoorthy, TR Sambavi, S Renganathan Process Biochemistry 83, 148-158 102019
19. **A novel approach for extraction of algal oil from marine macroalgae *Ulva fasciata*** T Veeranan, R Kasirajaan, B Gurunathan, R Sahadevan Renewable Energy 127, 64-73 102018
20. **Review on the Extraction Methods of Crude oil from all Generation Biofuels in last few Decades**G Bhargavi, P Nageswara Rao, S Renganathan IOP Conference Series: Materials Science and Engineering 330 (1) 102018
21. **Histological and biochemical evaluation of wound regeneration potential of *Terminalia chebula* fruits** S Kirubanadan, R Bharathi ASIAN JOURNAL OF PHARMACEUTICAL AND CLINICAL RESEARCH 9, 228-233 92016
22. **Production of bioethanol by an innovative biological pre-treatment of a novel mixture of surgical waste cotton and waste card board** NK Ramamoorthy, TR T r, R Sahadevan Energy Sources, Part A: Recovery, Utilization, and Environmental Effects 42 ...82020
23. **Comparison of acupuncture with ibuprofen for pain management in patients with symptomatic irreversible pulpitis: A randomized double-blind clinical trial**H Murugesan, S Venkatappan, SK Renganathan, S Narasimhan, M Sekar Journal of Acupuncture and Meridian Studies 10 (6), 396-401 82017
24. **A comparative study on dielectric, structure, and thermal behavior of micro-and nano-sized CCTO in nylon 6, 9 matrix** ER Ramaswami Sachidanandan, T Paramanandam, R SahadevanPolymer Composites 38 (5), 927-935 82017
25. **Production of biodiesel from waste cooking oil using $MgMoO_4$ -supported TiO_2 as a heterogeneous catalyst** M Karthikeyan, S Renganathan, G Baskar Energy Sources, Part A: Recovery, Utilization, and Environmental Effects 39 ... 72017
26. **Studies on the structural, thermal, and dielectric properties of fabricated Nylon 6, 9/CaCu₃Ti₄O₁₂ nanocomposites** RSE Ravindran, P Thomas, S Renganathan Science and Engineering of Composite Materials 24 (2), 185-194 62017
27. **Effect of single and two step application of antioxidant incorporated bleaching agents on bond strength of resin composite and surface changes in enamel** M Nair, R Nesamani, K Sanjeev, M Sekar, S Renganathan Biol Med (Aligarh) 8 (348), 262016
28. **An eco-friendly approach for synthesis of silver nanoparticles using ipomoea pes-caprae root extract and their antimicrobial properties** V Subha, RS Ernest Ravindran, P Sruthi, S Renganathan Asian J Pharm Clin Res 8 (5), 103-106 62015
29. **Production of bio-ethanol from an innovative mixture of surgical waste cotton and waste card board after ammonia pre-treatment** N Ramamoorthy, S Ravi, R Sahadevan Energy Sources, Part A: Recovery, Utilization, and Environmental Effects 40 ...52018
30. **Effect on dielectric, structural and thermal behaviour of in a Nylon 11 matrix** RSE Ravindran, P Thomas, S Renganathan Bulletin of Materials Science 42 (1), 28 42019
31. **Applications of iron oxide nano composite in waste water treatment–dye decolourisation and anti–microbial activity** V Subha, K Divya, S Gayathri MOJ Drug Des. Develop. Ther 2, 178-18442018
32. **Biofabrication of manganese nanoparticle using *Aegle marmelos* fruit extract and assessment of its biological activities** K Sivanesan, P Jayakrishnan, S Abdul Razack, P Sellaperumal, ...Nanomedicine Research Journal 2 (3), 171-178 42017

33. Optimization of nonedible oil extraction from *Cassia javanica* seeds K Murugesan, R SahadevanEnergy Sources, Part A: Recovery, Utilization, and Environmental Effects 39 ... 42017
34. Marine brown macroalga *Sargassum wightii* as a novel biosorbent for removal of brilliant green dye from aqueous solution: kinetics, equilibrium isotherm modeling and Vigneshpriya, N Krishnaveni, S Renganathan Desalination Water Treat 78 (2017), 300-312 42017
35. Impact of untreated and *Sargassum wightii*-treated brilliant green dye exposure on Indian major carp, *Labeo rohita* Ham.: hematology, biochemistry, enzymology ...D Vigneshpriya, N Krishnaveni, S Renganathan, ...International Journal of Phytoremediation 22 (8), 819-82632020
36. Untreated and *Sargassum wightii*-treated brilliant green dye toxicity impact on microflora and *Allium cepa* L.D Vigneshpriya, N Krishnaveni, S Renganathan Applied Water Science 9 (1), 16 32019
37. Microalgae—a source for third-generation biofuels G Baskar, S Soumiya, R Aiswarya, S RenganathanBioprocess Engineering for a Green Environment, 297-30632018
38. Bioceramics—An introductory overview K Shanmugam, R SahadevanFundamental Biomaterials: Ceramics, 1-4632018
39. Sustained drug delivery of capecitabine using natural (bee wax) and synthetic polymer (PLGA)V Subha, W Arulsha, S Kirubanandan, S RenganathanMOJ Drug Des. Dev. Ther 2, 156-16232018
40. Greener synthesis of silver nanoparticle from *Chordia dichotoma* leaf extract and its antimicrobial activity P Kalainila, RSE Ravindran, V Hemachandran, S Renganathan International Journal of Nanoparticles 9 (2), 132-142 32017
41. Green synthesis of silver nanoparticles from a novel medicinal plant source roots extract of *Mukia maderaspatana* V Subha, S Kirubanandan, S Renganathan Colloid and Surface Science 1 (1), 14-17 32016