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- K Rambabu, AA Edathil, GS Nirmala, SW Hasan, AF Yousef, PL Show Date-fruit syrup waste extract as a natural additive for soap production with enhanced antioxidant and antibacterial activity, *Environmental Technology & Innovation* 20, 101153, 2020
- J Pachiyappan, N Gnanasundaram, GL Rao, Preparation and characterization of ZnO, MgO and ZnO-MgO hybrid nanomaterials using green chemistry approach, *Results in Materials*, 100104, 5, 2020
- G Rajakumar, XH Zhang, T Gomathi, SF Wang, M Azam Ansari, G Mydhili Current Use of Carbon-Based Materials for Biomedical Applications—A Prospective and Review, *Processes* 8 (3), 355, 2020
- N Sureshkumar, S Bhat, S Srinivasan, N Gnanasundaram, M Thanapalan Continuous Phenol Removal Using a Liquid–Solid Circulating Fluidized Bed, *Energies* 13 (15), 3839, 2020
- H Anjum, K Johari, A Appusamy, N Gnanasundaram, M Thanabalan, Surface modification and characterization of carbonaceous adsorbents for the efficient removal of oil pollutants, *Journal of hazardous materials* 379, 120673, 2019
- G Nirmala, T Murugesan, K Rambabu, K Sathiyarayanan, PL Show, Adsorptive removal of phenol using banyan root activated carbon, *Chemical Engineering Communications*, 1-12 7, 2019
- M Oladipupo Kareem, AA Edathil, K Rambabu, G Bharath, F Banat , G. Nirmala, Extraction, characterization and optimization of high quality bio-oil derived from waste date seeds, *Chemical Engineering Communications*, 1-11, 2019
- K Rambabu, F Banat, GS Nirmala, S Velu, P Monash,, Activated carbon from date seeds for chromium removal in aqueous solution, *Desalin Water Treat* 156, 267-277 11, 2019
- AA Joaquin, G Nirmala, Statistical modeling and process optimization of coagulation-flocculation for treatment of municipal wastewater, *Desalination And Water Treatment* 157, 90-99, 2019
- H Anjum, K Johari, N Gnanasundaram, A Appusamy, M Thanabalan , Investigation of green functionalization of multiwall carbon nanotubes and its application in adsorption of benzene, toluene & p-xylene from aqueous solution, *Journal of Cleaner Production* 221, 323-338 10, 2019
- Z Rashid, CD Wilfred, N Gnanasundaram, A Arunagiri, T Murugesan, A comprehensive review on the recent advances on the petroleum asphaltene aggregation, *Journal of Petroleum Science and Engineering* 176, 249-268, 2019
- H Anjum, K Johari, N Gnanasundaram, A Appusamy, M Thanabalan, Impact of surface modification on adsorptive removal of BTX onto activated carbon, *Journal of Molecular Liquids* 280, 238-251, 2019
- R Safdar, N Gnanasundaram, R Iyyasami, A Appusamy, S Papadimitriou, Preparation, characterization and stability evaluation of ionic liquid blended chitosan tripolyphosphate microparticles, *Journal of Drug Delivery Science and Technology* 50, 217-225 7, 2019