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List of Publications (Last 5 years)

1. A. Mahalakshmi, **G. Baskar**, Green synthesis and characterization of cadmium-tellurium quantum dots using pomelo peel aqueous extract, Journal of Electronic Materials, Published online. (IF-1.566). <https://doi.org/10.1007/s11664-019-07352-x>
2. R. Naveenkumar, **G. Baskar**, Optimization and kinetics of biodiesel production from Calophyllum inophyllum oil using zinc doped calcium oxide nanocatalyst synthesized from waste plaster of paris, Bioresource Technology, Vol. 280 (2019) 493-496. (IF-5.807). <https://doi.org/10.1016/j.biortech.2019.02.078>.
3. G. Kalavathy, **G. Baskar**, Synergism of clay with zinc oxide as nanocatalyst for production of biodiesel from marine Ulva lactuca” Bioresource Technology, Vol. 281 (2019) 234-238. (IF-5.807). <https://doi.org/10.1016/j.biortech.2019.02.101>.
4. J. Iyyappan, B. Bharathiraja, **G. Baskar**, E. Kamalanaban, Process optimization and kinetic analysis of malic acid production from crude glycerol using Aspergillus niger Bioresource Technology, Vol. 281 (2019) 18-25. (IF-5.807). <https://doi.org/10.1016/j.biortech.2019.02.067>.
5. E. Raja Sathendra, **G. Baskar**, R. Praveenkumar, Edgard Gnansounou, Bioethanol Production from Palm wood using Trichoderma reesei and Kluyveromyces marxianus, Bioresource Technology, Vol. 271 (2019) 345-352. (IF-5.807). <https://doi.org/10.1016/j.biortech.2018.09.134>.
6. K. Satya, R. Saravanathamizhan, **G. Baskar**, Green synthesized iron and iron based nanoparticle in Environmental and Biomedical application-A Review, IET Nanobiotechnology, Vol. 12, (2018) 1003-1008. (IF-2.059). <https://doi.org/10.1049/iet-nbt.2018.5048>.
7. K. Sathya, R. Saravanathamizhan, **G. Baskar**, ANN Modeling for scale up of green synthesis of iron oxide nano particle and its application for decolorization of dye effluent, Desalination and Water Treatment, Vol. 121 (2018)158-165. (IF-1.631). <https://doi.org/10.5004/dwt.2018.22380>
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9. **G. Baskar**, R. Naveenkumar, N. Mohanapriya, S. Roselin Nivetha, R. Aiswarya, Optimization and kinetics of Biooil Extraction from Madhuca indica seeds, Industrial Crops and Products, Vol. 124 (2018) 954-959. (IF-3.849). <https://doi.org/10.1016/j.indcrop.2018.08.081>
10. **G. Baskar**, K. Lalitha, R. Aiswarya, R. Naveenkumar, Synthesis and Characterization of Cerium-Selenium Nanobiocomposite of fungal L-Asparaginase for Curbing Lung

- Cancer, Materials Science and Engineering C: Materials for Biological Applications, Vol. 93 (2018) 809–815. (IF-5.080). <https://doi.org/10.1016/j.msec.2018.08.051>
11. K. Sathya, R. Saravanathamizhan, **G. Baskar**, Ultrasonic assisted Green synthesis of Fe and Fe/Zn bimetallic nanoparticles for invitro cytotoxicity study against Hela cancer cell line, Molecular Biology Reports, Vol. 45 (2018) 1397-1404 (IF-1.889). <https://doi.org/10.1007/s11033-018-4302-9>
 12. S. Swaminathan, A. Muthumanickam, **G. Baskar**, N. M. Imayathamizhan, Removal of methylene blue using Polyacrylonitrile yarn waste/Carboxylic group Functionalized Multiwall Carbon nanotube Nanofibrous composite, Desalination and Water Treatment, Vol. 113 (2018) 244–253. (IF-1.631). <https://doi.org/10.5004/dwt.2018.22176>
 13. **G. Baskar**, R. Aiswarya, Overview in Mitigation of acrylamide in starchy fried and baked foods, Journal of the Science of Food and Agriculture, Vol. 98 (2018) 4385–4394. (IF-2.379). <https://doi.org/10.1002/jsfa.9013>.
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 17. B. Bharathiraja, J. Iyyappan, R. Praveenkumar, **G. Baskar**, Significant Contribution In Biotechnology By The Indian Scientist Professor Ashok Pandey-An Scientometric Analysis. International Journal of Recent Scientific Research, Vol. 9, No. 2, (2018) 23774-23780. DOI: <http://dx.doi.org/10.24327/ijrsr.2018.0902.1535>.
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 21. M. Karthikeyan, S. Renganathan, **G. Baskar**, Production of biodiesel from waste cooking oil using MgMoO₄-supported TiO₂ as a heterogeneous catalyst, Energy Sources, Part A: Recovery, Utilization and Environmental Effects, Vol. 39, No. 21, (2017) 2053-2059. DOI:10.1080/15567036.2017.1371815. (IF-0.527).
 22. M. Karthikeyan, S. Renganathan, **G. Baskar**, S. Nambirajan, Extraction of non-edible oil from Catharanthus roseus seeds and kinetics on oil extraction, Energy Sources, Part

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