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Publications

1. Paskalis Sahaya Murphin Kumar, Vinoth Kumar Ponnusamy, Deepthi Koolath Ramakrishnan,Gopalakrishnan kumar, Arivalagan Pugazhendhi, Hideki Abe, Sivakumar Thiripuranthagan, Umapada pal and Siva Kumar Krishnan (2018) "Controlled synthesis of Pt nanoparticle supported TiO2 nanorods as efficient and stable electrocatalyst for oxygen reduction reaction" Journal of Material Chemistry A
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4. Sudhakar R, Sivakumar T,(2018) "Synthesis of nanosized ZSM-5/AlKIT-6 composite catalysts for biofuel production from non-edible Jatropha Curcas oil" Journal of Nanoscience and nanotechnology (Accepted)
5. Amala Infant Joice J, Aishwarya S, Sivakumar T,(2018) "Nano structured Ni and Ru impregnated TiO_2 photocatalysts: Synthesis, characterization and photocatalytic degradation of neonicotinoid insecticides, Journal of Nanoscience and nanotechnology (Accepted)
6. E. Elangovan, T. Sivakumar, A. Brindha, K. Thamaraiselvi, K. Sakthivel, K. Kathiravan and S. Aishwarya,(2018) " Visible active N-Doped TiO_2/WS_2 heterojunction nano rods: synthesis, characterization and photocatalytic activity. Journal of Nanoscience and nanotechnology (Accepted)
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9. Arulselvan Devarajan, Sivakumar Thiripuranthagan, Ramakrishnan Radhakrishnan and Sakthivel Kumaravel, (2018) "Solvent free transesterification of glycerol into glycerol carbonate over nano structured CaAl hydrotalcite catalyst" Journal of Nanoscience and Nanotechnology. 18, 4588–4599
10. Radhika N, Steplin Paul Selvin S, Amala Infant Joice J, Sivakumar T, Princy Merlin, Sharmila Lydia, (2018) "Fluorescent Biomolecules capped ZnSe Quantum Dots and their photocatalytic Activities" Journal of Nanoscience and Nanotechnology. 18(7),4634-4642
11. Vaithiyanathan. R, Kathiravan.K, and Sivakumar.T, (2018) "Photocatalytic Degradation of Textile Reactive Dyes - A Comparative Study Using Nano Silver Decorated Titania-Silica Composite Photocatalysts" Journal of Nanoscience and Nanotechnology. 18(4),2921-2930
12. Amala Infant Joice Joseph and Sivakumar Thiripuranthagan, (2018) "Non-metal doped titania photocatalysts for the degradation of neonicotinoid insecticides under visible irradiation" Journal of Nanoscience and Nanotechnology. 18 (5), 3158–3164
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15. Brindha, A, Sivakumar. T, Thamaraiselvi, K, Sakthivel, K & Elangovan, E,(2018) 'Facile synthesis, characterization and outstanding photocatalytic activities of $NiWO_4$/nitrogen doped reduced graphene oxide nanocomposites', Journal of NanoScience and Nano technology, Accepted.

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17. Brindha, A, T.Sivakumar, T, Priyanka, Suresh & Pavitra, S,(2017) 'Novel band gap engineered $Bi_5Nb_3O_{15}$ / N-rGO composite catalyst for photo degradation of reactive dyes', MSB-S-17-02114, Materials Science and Engineering: B, Under revision.(Impact Factor: 2.552)
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