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Publication:

1. Sankar, Vijaya K; Ashok, M; Effect of preparation method on structural, morphological, optical properties and photocatalytic activities of visible light active semiconductor $\text{PbBi}_2\text{Nb}_2\text{O}_9$ for various organic pollutant dyes, Materials Science in Semiconductor Processing, Volume: 106, Page no: 104773, 2020.
2. Helen Selvi, M; Reddy Vanga, Pradeep; Harinee, S; Ashok, M; Synthesis of bulk $\text{g-C}_3\text{N}_4/\text{Bi}_2\text{WO}_6$ nanocomposite for effective photocatalytic reaction and for antimicrobial activity by hydrothermal method, Research on Chemical Intermediates, Volume: 46, Page no: 1165–1181, 2020.
3. Sankar, Vijaya K; Ashok, M; Significantly enhanced photo catalytic activities of $\text{PbBi}_2\text{Nb}_2\text{O}_9(\text{Bulk})/\text{TiO}_2(\text{Nano})$ hetero structured composites for methylene blue dye degradation under visible light, Materials Chemistry and Physics, Volume: 244, Page no: 122659, 2020.
4. Nikhil, V P; Wiston, Biny R; Ashok, M; Flaw detection and monitoring over corroded surface through ultrasonic C-scan imaging, Engineering Research Express, Volume: 2, Page no: 1, 2020.
5. Manojkumar P; Lokeshkumar E; Saikiran A; Govardhanan B; Ashok M; Rameshbabu N; Visible light photocatalytic activity of metal (Mo/V/W) doped porous TiO_2 coating fabricated on Cp-Ti by plasma electrolytic oxidation, Journal of Alloys and Compounds, Volume: 154092, 2020.
6. Ashok, M; Deepika, S; Sowndharya, P; Muthukumar, K; Cotton candy driven chitosan and gelatin coated poly(styrene-co-acrylonitrile) microfibers for anti-microbial wound dressing applications, Materials Research Express, Volume: 6, Page no: 12, 2019.

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10. Harinee, S; Muthukumar, K; Abirami, A; Amrutha, K.; Dhivyaprasath, K; Ashok, M; UV-light Photocatalytic Activity of Biocompatible Nanoparticles Provide Multiple Effects, *Advanced Materials Proceedings*, Volume: 4, Page no: 115-118, 2019
11. Sangeetha, K; Vidhya, G; Girija, E K; Ashok, M; Fabrications of magnetic responsive hydroxyapatite platform: In vitro release of chemo drug for cancer therapy, *Materials Today Proceeding*, 2019
12. Srinivasan, S. SaiGuru; Govardhanan, B; Aabel, P; Ashok, M; Santhosh Kumar, M C; Effect of oxygen partial pressure on the tuning of copper oxide thin films by reactive sputtering for solar light driven photocatalysis, *Solar Energy*, Volume: 187, Page no: 368-378, 2019
13. Wiston, Biny R; Ashok, M; Electrochemical activity of nickel-iron layered double hydroxide synthesized via different synthesis strategies, *AIP Conference Proceedings*, Volume: 2115, Page no: 030556, 2019
14. Praveena, P; Ashok, M; Synthesis of carbon dots/layered double hydroxide composites for non-enzymatic electrochemical sensing of hydrogen peroxide, *AIP Conference Proceedings*, Volume: 2115, Page no: 030085, 2019
15. Sangeetha, K; Ashok, M; Girija, E K; Development of multifunctional cobalt ferrite/hydroxyapatite nanocomposites by microwave assisted wet precipitation method: A

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