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List of Publications for last 5 years

1. B.R. Saikishorekumar, S. Sumathi*, P.S. Raghavan*, "Synthesis, characterization and catalytic activity studies of nanoZnO deposited on sintered calcium phosphate (ZnO/SCaP)", *International Journal of Scientific & Engineering Research*, Volume 6 (2015) 89.
2. B. Gajalakshmi, S. Induja and P.S. Raghavan, "Selective catalytic reduction of NO_x from automobile exhaust in the absence of reductant on non-noble metal oxide catalyst", *International Journal of Science, Technology & Management*, Volume 4 (2015) 685.
3. B. Gajalakshmi, S. Induja and P.S. Raghavan, "Copper oxide containing crystalline polyphosphate for control of CO from automobile exhaust", *International Journal of Applied Engineering Research*, Volume 91 (2015) 22-24.
4. B. Gajalakshmi, S. Induja*, N. Sivakumar and P.S. Raghavan, "Guar Gum Stabilized Copper Oxide Nanoparticles with Enhanced Thermal and Antimicrobial Properties", *Asian Journal of Chemistry*, Volume 30 (2018) 1099-1101.
5. B. Gajalakshmi, S. Induja*, V. Vigneshwaran, A.L. SriramSudhan and P.S. Raghavan, "Calcium-boro-phosphates supported NiO catalyst for enhanced oxidation of carbon monoxide and hydrocarbons", *RASAYAN Journal of Chemistry*, Volume 11 (2018) 718-727.
6. T. Hephzibah, S. Induja, P.S. Raghavan, P.V. Rajeev, "Enhanced Thermal Conductivity and Superior Antimicrobial Activity by Cu/Ni Nanofiber Dispersed Fluids with Prolonged Stability", *International Journal of Engineering and Advanced Technology*, Volume-9(2), 2019, 4950-53.
7. Kambampati Manoj, Sravan Joshkoka, Ramakrishnappa Gari Karthik, P.S. Raghavan*, "Performance and Emission Studies of Blended Plastic Oil Prepared using CuO/CaP Catalyst in Diesel Engine", *International Journal of Applied Engineering Research*, ISSN 0973-4562 Volume 15, Number 4 (2020) pp. 347-351
8. P. Ratheshkumar¹, S. Induja¹, R. Ravishankar² and P.S. Raghavan^{1*}, "One-Step Synthesis of Thermally Stable Solid Molybdenum Blue Using Boron Phosphate", *Rasayan J. Chem.*, 13(2), 803-809(2020).
9. A.L. Arunachalam, S. Induja, J. Sakthidasan, P.S. Raghavan*, "Calcium borates incorporated with silver and zinc as promising antibacterial agents", *Materials Letters* 275 (2020) 128130
10. P. Ratheshkumar, S. Induja and P.S. Raghavan*, "Selective Catalytic Oxidation of Organic Sulfides to Sulfoxides without Forming Sulfones over Solid Molybdenum Blue: Kinetic and Thermodynamic Studies", *Asian Journal of Chemistry*; Vol. 32, No. 9 (2020), 2267-2274