

PUBLICATIONS FOR LAST FIVE YEARS

1. T. Ramya, S. Anbazhagi and **M. Muthukumar**, “Optimaization of electrooxidation process for the treatment of acid Yellow 36 using graphite electrode”, Madras Agricultural Journal (ISSN:0024-9602), 102: 10-12 (2015).
2. K. Rajkumar, **M. Muthukumar** and R.V. Mangalaraja, “Electrochemical degradation of C.I. Reactive Orange 107 using Gadolinium (Gd^{3+}), Neodymium (Nd^{3+}) and Samarium (Sm^{3+}) doped cerium oxide nanoparticle”, International Journal of Industrial Chemistry (ISSN: 2228-5547), 6(4): 285 - 295 (2015).
3. K. Rajkumar, and **M. Muthukumar**, “Response surface optimization of electro-oxidation process for the treatment of CI Reactive Yellow 186 dye: reaction pathways”, Applied Water Science (ISSN: 2190-5495), DOI 10.1007/s13201-015-0276-0 (2015) (In Press).
4. T.Ramya, S.Anbazhagi and **M.Muthukumar**,“Electrochemical oxidation of Fipronil contaminated wastewater by $RuO_2/IrO_2/TaO_2$ coated titanium anode and sorbent nano hydroxyapatite”, Materials Today: Proceedings (ISSN: 2214-7853), 3: 2509-2517(2016).
5. Joshu Amirtharaj Richard, Sabitha Bose, Anbazhagi Muthukumar and **Muthukumar Muthuchamy**, “Ground water quality assessment among the selected blocks of Wayanad district, Kerala”, Journal of Chemical and Pharmaceutical Research (ISSN : 0975-7384), 8(3):29-36 (2016).
6. K. Ramarajan, S. Anbazhagi, P. Selvendiran, P. Hariprasad, and **M. Muthukumar**, “Optimization of antimony leaching from food packaging covers made of low density polyethylene using response surface methodology”, International Research Journal of Engineering and Technology (ISSN: 2395-0072), 3(1):1041-1056 (2016).
7. K Rajkumar, **M Muthukumar**, K Rajkumar, Statistical Optimization of Electro Oxidation Process for Removal of Textile Dye CI Reactive Blue 198”, International Journal of Environmental Sciences & Natural Resources,vol.1,Issue 4,pp-115-126(2017).
8. Periyasamy Selvendiran, **Muthuchamy Muthukumar**, Electrochemical Oxidation of Psychoactive Pharmaceutical Caffeine in Aqueous Medium Using $RuO_2/IrO_2/TaO_2$ Coated Titanium Anode”,ECS Meeting Abstracts Vol 1, Issue 20,pp.1072 (2017).
9. K Usharani, **M Muthukumar**, Aqueous Methylparathion Removal by Ozonation and Optimization of Variables Using Central Composite Design of Experiments”, Journal of Current Environmental Engineering (Vol. 3, Number 3, 2016, pp. 249-266(2018).
10. G Anju, B Subha, **M Muthukumar**, T Sangeetha, Application of Response Surface Methodology for Sago Wastewater Treatment by Ozonation”, Iranian (Iranica) Journal of Energy & Environment,vol.10,Issue 2,pp.96-103(2019).