

## DC Member

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### Last five years publication

1. Arulazhagan Pugazhendi,Vimala Ebenezer, **S.Adishkumar**, Rajesh J Banu “Effect of deflocculation on the efficiency of low-energy microwave pretreatment and anaerobic biodegradation of waste activated sludge”, February 2015,Applied Energy 145(1):104-110
2. G. Selvabharathi, **S. Adishkumar**, S. Jenefa, G. Ginni, J. Rajesh Banuand Ick Tae Yeom.“Combined homogeneous and heterogeneous advancedoxidation process for the treatment of tannerywastewaters” June 2015,Journal of Water Reuse and Desalination doi:10.2166/wrd.2015.139(1).
3. **S. Adishkumar**, S. Kanmani,Rajesh J Banu, Ick Tae Yeom “Evaluation of bench-scale solar photocatalytic reactors for degradation of phenolic wastewaters”August 2015Desalination and water treatment 57(36):1-9 .
4. G Selvabharathi, **S.Adishkumar**,G. Ginni,S. Devi,“Treatment of Pulp and Paper Wastewater by Electro Fenton Process”January 2016,Asian Journal of Research in Social Sciences and Humanities 6(10):589 DOI: 10.5958/2249-7315.2016.01036.4.
5. V. Amudha,S. Kavitha,**C, S. Adishkumar**,Fernandez,Rajesh J Banu “Effect of deflocculation on the efficiency of sludge reduction by Fenton process”,October 2016,Environmental Science and Pollution Research 23(19),DOI: 10.1007/s11356-016-7118-y.
6. Muthuvel Ginnia,**S. Adishkumar**,Rajesh J Banu,Ick Tae Yeom,“Synergistic photodegradation of pulp and paper mill wastewater by combined advanced oxidation process” March 2017,Desalination and water treatment 68(68):160–169,DOI: 10.5004/dwt.2017.20337.
7. S. Devi, **S. Adishkumar**,Rajesh J Banu, “Efficiency analysis of electro-Fenton combined with coagulation process for the degradation of natural rubber latex processing and production wastewaters using bench-scale reactor, January 2018,Desalination and water treatment 105:132-143,DOI: 10.5004/dwt.2018.22023.
8. G. Selvabharathi,**S. Adishkumar**,Rajesh J Banu “Removal of chromium (III) from tannery wastewater by electrochemical peroxidation process in a bench scale reactor”,January 2019,Desalination and water treatment 156:340-348,DOI: 10.5004/dwt.2019.23935.
9. Rajesh J Banu,Dinesh Kumar,Gopikumar S.Do Khac Uan,**S. Adishkumar**,Rajesh J Banu “Constructed Wetlands: An Emerging Green Technology for the Treatment of Industrial Wastewaters” March 2020,DOI: 10.1007/978-981-15-1390-9\_2 ,Emerging Eco-friendly Green Technologies for Wastewater Treatment.