



DEPARTMENT OF CHEMISTRY

PUBLICATIONS IN CONFERENCES

2011

1	Sayeeda Sultana , Air pollution on public health, National Conference on Urban environmental pollution and public health, St.Peter's University, Nov 2011, Chennai, India
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2013

2	Sayeeda Sultana , S.Ramabadran, Sayeeda Sultana, R.Suganya, Efficacy of plant vetiver system (Vetiveria Zizanioides Monto) to treat sago industry effluent, National Conference on Scope of Advanced Materials in Energy & Environment, Aug 2013, Bengaluru, India.
3	M. Priya , The paper presentation at the National conference held at Presidency College, Chennai-05, Feb-2013.

2014

4	M. Priya The paper presentation at the National conference on Energy and Environment (EECON'14) held at Anna university-A.C. Tech., Chennai-600 025.
5	M. Priya , The paper presented at the National Conference on Recent Trends in Power Electronics & Power system (RTPEPS' 14) held at RMK Engineering College, Chennai, 2014.
6	M. Priya , Participated in National Seminar on Energy-Environment Interface at SRM University, Chennai, 2014.
7	M. Priya , , The paper presented at the International Conference on Emerging Trends in Science, Engineering and Technology (ICETSET - 2014) held at Jerusalem College of Engineering, Pallikaranai.
8	M. Priya , The paper presented at the International Conference on Advances in New materials (ICAN 2014) held at University of Madras, Chennai.

2015

9	M. Priya , , The paper presented at the National seminar on Recent Advanced on luminescent materials RALM-2015 held at Annamalai University , Annamalai Nagar Chidambaram and was Awarded Best Poster Presentation.
10	M. Priya , The Participation at the Workshop on Computational Fluid Dynamics held

	at SRM University, Kattankulathur, 2015.
11	M. Priya , The paper presented at 2 th National conference on New Renaissance in Chemical Research (NCNRCE-2015) at SRM University, Chennai, 2015.
12	M. Priya , The paper presented at the International Conference on Energy, Water and Environmental Science & Technology (ICEWEST – 2015) held at Presidency College, Chennai.

2016

13	Dr. Sayeeda Sultana and N. Balaji , Determination of hexyl methane sulfonate by GCMS in Active pharmaceutical ingredients, International conference on recent advances in applied sciences, St. Peter's University Feb 2016
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2017

14	Daisy Rani Angelin E, Sayeeda Sultana "Synthesis of copper nano particles from fenugreek seed (trigonella foenum graecum)". National Conference on Frontier Areas in Science and Humanities, St. Peter's University MAY 2017, ISSN: 2394-5842
15	Deepa E, Sayeeda Sultana "Microwave synthesis of organic compound by green chemistry " National Conference on Frontier Areas in Science and Humanities, St. Peter's University MAY 2017, ISSN: 2394-5842
16	Devanadhan M, Sayeeda Sultana , "Coordination chemistry of tertiary-butyl xantphos ligand with transition metals and their properties " National Conference on Frontier Areas in Science and Humanities, St. Peter's University MAY 2017, ISSN: 2394-5842
17	Janani, A.S. Venkatram , "Effects of heavy metals Ni and Pb on the plant growth and soil " National Conference on Frontier Areas in Science and Humanities, St. Peter's University MAY 2017, ISSN: 2394-5842
18	Malathi S, A.S. Venkatram , "Ceric ammonium nitrate supported on h-y zeolite catalyzed oxidative condensation reaction " National Conference on Frontier Areas in Science and Humanities, St. Peter's University MAY 2017, ISSN: 2394-5842
19	Malini V, A.S. Venkatram , "Fractionation of immunoglobulins from macromolecular weight proteins using ammonium sulphate and caprylic acid " National Conference on Frontier Areas in Science and Humanities, St. Peter's University MAY 2017, ISSN: 2394-5842
20	Mariyappan P, S. Ramabadran , "Nutritional evaluation study on different varieties of Papaya fruit pulp " National Conference on Frontier Areas in Science and Humanities, St. Peter's University MAY 2017, ISSN: 2394-5842
21	Priya G, S. Ramabadran , "Study of role of activated charcoal in the treatment of dye based industrial effluents " National Conference on Frontier Areas in Science and Humanities, St. Peter's University MAY 2017, ISSN: 2394-5842
22	Rajasekaran K, S. Ramabadran , "Synthesis of zinc sulphide nanocrystal and its characterisation " National Conference on Frontier Areas in Science and Humanities, St. Peter's University MAY 2017, ISSN: 2394-5842
23	Sarathkumar S, G. Kalpana , "Green Synthesis Of Metal Nanoparticles Comparing Five Metal (Gd, Ag, Cu, Zn, And Mn) Using Aqueous Extract Of Acalypha Indica And Its Antimicrobial Activity " National Conference on Frontier Areas in Science and Humanities, St. Peter's University MAY 2017, ISSN: 2394-5842
24	Shalini G, Sayeeda Sultana , "A new approach to geopolymer synthesis and its characterisation using advanced analytical techniques " National Conference on Frontier Areas in Science and Humanities, St. Peter's University MAY 2017,

	ISSN: 2394-5842
25	Vasanthi G, S. Ramabadran, “Physico-chemical characteristics of ground water in pappankuppam village from industrial area “ National Conference on Frontier Areas in Science and Humanities, St.Peter’s University MAY 2017, ISSN: 2394-5842
26	N. Balaji, Sayeeda Sultana, “GC-MS Detection of Alkyl Mesylates In Active Pharmaceutical Ingredients “National Conference on Frontier Areas in Science and Humanities, St.Peter’s University, MAY 2017, ISSN: 2394-5842
27	M.Priya, Regional workshop in Research based pedagogical tools (RBPTs) centre of excellence in science and mathematics education (COESME) at India Institute of science education and Research (Pune) and SRM University, Ramapuram, Chennai, September 2017



DEPARTMENT OF CHEMISTRY

PUBLICATIONS IN INTERNATIONAL JOURNALS

2008

1	Sayeeda Sultana , Synthesis and molecular mechanics calculation of copolyesters. International Journal of Chem. Sci., 2008,6(4), 2202 – 2206. (SCOPUS)
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2009

2	Sayeeda Sultana , Synthesis and spectral analysis of copolyesters, International Journal of Chem. Sci., 2009, 7(3),2165-2168. (SCOPUS)
3	Sayeeda Sultana , Synthesis and NMR analysis of copolyesters, International Journal of Chem. Sci., 2009, 7(3),2193-2197. (SCOPUS)

2015

4	Sayeeda Sultana , S. Ramabadrhan, P.R.Swathi, Photo catalytic degradation of azo dye using ferric oxide nanoparticle, International Journal of Chemtech Research ,2015,8(3),1243-1247 IF:0.515
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2016

5	Sayeeda Sultana , Trace level determination and quantification of potential genotoxic impurities in dasatinib drug substance by UHPLC/infinity LC., International journal of pharmacy and pharmaceutical sciences, International Journal of Pharmacy and Pharmaceutical Sciences,2016,8(10),209-216 IF 0.51
6	Sayeeda Sultana , LC determination of diastereomeric impurities of entecavir in drug substances and drug products. Research journal of pharmaceutical, biological and chemical sciences,2016, 7(4)1848-1859,IF : 0.25

2017

7	N.Balaji, Sayeeda Sultana , Ultra-High Performance Liquid Chromatographic Determination Of Genotoxic Impurities in Febuxostat Drug Substance And Products , Asian Journal of Pharmaceutical and Clinical Research,2017, 10(1),324-330,IF :0.40
8	N Balaji, Sayeeda Sultana , Sensitive Determination Of Related Substances In Pioglitazone Hydrochloride By HPLC, International Journal of Applied Pharmaceutics,2017, 9(2),34-41,IF 1.45
9	N Balaji , Sayeeda Sultana Reversed-Phase UHPLC Enantiomeric Separation of Rasagiline Salts Using A Chiralpak® Agp Column & , Scientia Pharmaceutica 2017, 85, 26; 1-13, I.F – 1.07
10	N Balaji , Sayeeda Sultana ,GC and GC – MS detection of Alkyl Mesylates in Active Pharmaceutical Ingredients, International Journal of pharmaceutical sciences review and research, Accepted

2014

11 **Priya M**, Arun A, Elumalai M, Kiruthika S, Muthukumaran B, “A development ethanol/percarbonate membraneless fuel cell”, Advances in Physical Chemistry, 2014; Article ID 862691:1-8.

12 **Priya M**, Elumalai M, Kiruthika S, Muthukumaran B, “Enhanced performance ZnO/C electrocatalysts for membraneless fuel cell”, International Journal of Innovative Research in Science & Engineering 2014;2(1):562-565.

13 Elumalai M, **Priya M**, Kiruthika S, Muthukumaran B, “Effect on acid and alkaline media on membraneless fuel cell sodium borohydride as fuel”, Afinidad, 2014;5(3):73-81.

2015

14 **Priya M**, Muthukumaran B. “Enhanced performance an ethanol membraneless fuel cell in acidic medium”, International Journal of Chem.Tech Research, 2015;7(7):3026-3032.

2016

15 **Priya M**, Kiruthika S, Muthukumaran B, “Synthesis and characterization of Pt-Sn-Ce/MC catalysts for ethanol oxidation in membrane less fuel cell”. International Journal of Ionics the Science and Technology of Ionics Motion. Ionics-2016-0820.R1, DOI: 10.1007/s 11581-016-1940.

16 **Priya M**, Kiruthika S, Muthukumaran B, “Mesoporous carbon supported Pt-Sn-W ternary electrocatalysts for membraneless ethanol fuel cell”, J. Mater. Environ. Sci. 2016, 7 (y) 2656-2016.

17 **Priya M**, Kiruthika S, Muthukumaran B, “Mesoporous carbon supported Pt-Sn-W ternary electrocatalysts for membraneless ethanol fuel cell”, J. Mater. Environ. Sci. 2016, 7 (y) 2656-2016.

2017

18 Elumalai M, **Priya M**, Kiruthika S, Muthukumaran B, “Graphene supported Pt-Ru-Sn Electrocatalysts for borohydride oxidation in membraneless borohydride fuel cell,” International Journal of Modern Science and Technology 2017;2(3):105-116