

Publications

Research Publications

Books/ Manuals	Papers in Refereed International Journals	Written Discussions in Refereed International Journals	Contributed papers in Conference or Symposium
01	31	-	18

Citations: 23

h-index : 02

i10-index : 01

(a) List of Books / Manuals written

1. **Sadashiva Murthy, B. M.**, Mahadevaswamy M., Ramesh H. S, Transport & Fate of Fertilizer and Pesticide Residues in Sub-Soil, ISBN :978-3-639-51937-2.

(b) List of publications in the International Referred Journals : 29

Year: 2017

1. **Sadashiva Murthy B.M.**, and Yashas S.R., (October 2017) “Synergistic impact of Endocrine disrupting compounds (EDC’s) on Environmental Facilities: A Mini review” International Journal of Engineering Trends and Technology, Volume: 52, Issue: 1 ISSN:2231-5381
2. **Sadashiva Murthy, B.M.**, Madhuri G., Ravi Tej Hegde., and Srinivas rao R.T., (July 2017) “A Review on Water Footprint Study For Steel Industry” International Journal for Science and Advance Research In Technology, Volume: 3, Issue: 7 IJSARTV3I715897.
3. **Sadashiva Murthy, B. M.**, and Priyanka A.M., (July 2017) “ A Review on Bio-Gas Generation from Anaerobic Digestion of Paper Sludge and Factors Affecting the Bio-Gas Generation”International Journal for Science and Advance Research In Technology, Volume : 3, Issue : 7 IJSARTV3I715897.
4. **Sadashiva Murthy B. M.**, and Priyanka A.M., (August 2017) “Biogas Generation using Anaerobic Digestion of Pulp And Paper Sludge” International Journal for Science and Advance Research In Technology, Volume : 3, Issue : 8 ISSN [ONLINE]: 2395-1052

Year: 2016

1. **Sadashiva Murthy, B.M.**, Shahul Hameed K.P., and Hariprasad N.V., (Oct 2016) “Estimation of Volatile Organic Compound (VOC) Transport through Subsoil to Groundwater Using VLEACH Model“ International Journal of Innovative Research in Science, Engineering and¹ Technology (An ISO 3297: 2007 Certified

2. **Sadashiva Murthy, B.M.**, Udayashankara T.H., and Madhukar M., (Sep-2016) “Sources of Arsenic in Groundwater and its Health Significance- A Review” An International Quarterly Scientific Journal on Nature Environment and Pollution Technology, Vol 15, No.3, pp- 971-979, ISSN: 0972-6268, www.neptjournal.com.
3. **Sadashiva Murthy, B.M.**, Parameshwaramurthy P.M., and Kavya S., (Sep 2016) “Qualitative Characterization of Greywater from a Residential Complex in Bengaluru City, Karnataka, India”, International Journal of Engineering and Technical Research, Vol 5, Issue 09, pp194-199, ISSN: 2278-0181.
4. **Sadashiva Murthy, B.M.**, Chandrakanth R., and Nandlal B., (July 2016) “Nails Used as Biomarkers for Fluoride Exposure” International Research Journal of Engineering and Technology (IRJET) Vol. 3, Issue 7, pp 1672-1678.
5. **Sadashiva Murthy, B.M.**, and Revathi H.U., (July 2016) “Treatment of Domestic Wastewater using Geotextile as a Filter media” International Research Journal of Engineering and Technology (IRJET) Vol. 03 Issue 07, pp 1632-1637 www.irjet.net.
6. **Sadashiva Murthy, B. M.**, and Bharath. M. M., (July 2016) “Toxicity Assessment of Municipal Solid Waste: A Case Study“ International Research Journal of Engineering and Technology (IRJET) Vol.03 Issue 07 www.irjet.net p-ISSN: 2395-0072.
7. **Sadashiva Murthy, B.M.**, Parameshwaramurthy P.M., and Kavya S., (Mar 2016) “Greywater Treatment & Reuse: A Technological review”, Global Journal for research analysis An International Journal, Vol 5, Issue 03, ISSN: 2277-8160, DOI : 10.15373/22778160 www.worldwidejournals.com.
8. **Sadashiva Murthy, B.M.**, Parameshwaramurthy P.M., and Kavya S., (Mar 2016) “Greywater Reuse: A Sustainable Solution for water crisis in Bengaluru city, Karnataka, India”, Proceedings of the IICBE and IA-E International Conference on Environment, Agricultural and Civil Engineering (ICEACE-2016) pp 88-89, ISBN 978-93-84468-48-4.
9. **Sadashiva Murthy, B.M.**, Udayashankara T.H., and Madhukar M., (Feb 2016) “Impact of Climate Change on Rainfall Pattern and Reservoir Level” Journal of Water Resource Engineering and Management, Vol. 3, Issue 1, pp 10-14 www.stmjournals.com.
10. **Sadashiva Murthy, B.M.**, and Revathi H.U., (Jan-March 2016) “Treatment of Domestic Wastewater using Chemical Coagulation followed by Geotextile Filtration” International Journal of Recent Research in Interdisciplinary Science (IJRRIS), Vol.3, Issue 1, pp: (27-30) www.paperpublications.org.

Year: 2015

11. **Sadashiva Murthy, B.M.**, Udayashankara T.H., and Madhukar M., (Nov 2015) “Floating Plant clustrs for urban runoff pollution abatement system (FPC-UROPAS): A Bench scale study”, International Journal of Scientific Research, Vol. 4, Issue 11, ISSN: 2277-8179, DOI : 10.5373/22778179 www.worldwidejournals.com.

12. **Sadashiva Murthy, B.M.**, and Regin Raj., (Sep-2015) “Increasing the Sludge Treatment Efficiency of a Food Processing Industry” International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 02 Issue: 06 www.irjet.net p-ISSN: 2395-00.
13. **Sadashiva Murthy, B.M.**, Udayashankara T.H., Vanitha T.K., and Madhukar M., (Jul 2015) “A Study on Quality of Drinking Water in Hotels at Mysuru, INDIA”, International Research Journal of Engineering and Technology (IRJET) Volume: 02 Issue: 04 www.irjet.net.

Year: 2014

14. **Sadashiva Murthy, B.M.**, Udayashankara T.H., and Adarsh S.V., (Dec 2014) “A Review on Bio Degradation of VOC’s in Subsoil”, International Journal of Engineering Research & Technology, Vol. 3, Issue 12, ISSN: 2278-0181 www.ijert.org.
15. **Sadashiva Murthy, B.M.**, Vedapradha R., Mahadevaswamy M., Madhukar M., (Nov. 2014) “Study on the degradation of Fertilizers and Pesticides using Lysimeter”, International Journal of Research in Engineering and Technology, Vol.3, Issue: 11, eISSN: 2319-1163 | pISSN: 2321-7308, www.ijret.org.
16. **Sadashiva Murthy, B.M.**, and Shahul Hameed K.P., (Aug 2014) “A Review on Transport Modeling of VOCs in Subsoil”, International Journal of Innovative Research in Science, Engineering and Technology (An ISO 3297:2007 Certified Organization) Vol. 3, Issue 8, ISSN: 2319 - 8753 www.ijirset.com. DOI:10.15680/IJIRSET.2014.0308019.
17. **Sadashiva Murthy, B.M.**, and Chaithra.K.M., (2014) “Bio Medical Waste Management system for Mandya City”, International Journal of Science and Research (IJSR), (An ISO 3297: 2007 Certified Organization) Vol. 3, Issue 5, ISSN: 2319-8753. www.ijirset.com.
18. **Sadashiva Murthy, B.M.**, Udayashankara T.H., and Madhukar M., (2014) “A Review on Conventional and Alternative Methods for Defluoridation of Water”, Journal of Water Pollution & Purification Research, Volume 1, Issue 2 www.stmjournals.com.
19. **Sadashiva Murthy, B.M.**, and Chaithra K.M., (July 2014) “Biomedical Waste Management System for Mandya”, International Journal of Science and Research (IJSR), Vol. 3, Issue 7, ISSN 2319-7064 www.ijsr.net.

Year: 2009

20. **Sadashiva Murthy, B.M.**, Ramesh, H.S., and Mahadevaswamy, M., (2009) “Pollution Migration Study in Subsurface Environment”, “International Journal of Environmental Research (IJER)”, 3, 4, 545-556. ICID:893822

21. **Sadashiva Murthy, B.M.**, Ramesh, H.S., and Mahadevaswamy, M., (2009) “Fate of Fertilizers in Agricultural Sub-Soil Environment”, Journal of Indian Association for Environmental Management (IAEM), 3, 1, 52-56.

Year: 2007

22. **Sadashiva Murthy, B.M.**, Madhu, S.M. and Swaminathan, P., (2007), “Reclamation and Reuse of Filter Backwash Water - A Case Study of the Kalliseri Water Treatment Plant in Kerala State, India”, published in the Journal of Water and Wastewater Asia, pp. 48-51, July / August 2007.

Year: 2005

23. **Sadashiva Murthy, B.M.**, Swaminathan, P., Madhu S.M., and Lokesh M., (2005), “Reclamation and Reuse of Filter Backwash Water – A Case Study of Kalliseri Water Treatment Plant in Kerala State”, paper published in the Journal of the Institution of Public Health Engineers, India, Vol. 2005, No. 3, pp. 9-13, July-September, 2005.

Year: 2004

24. **Sadashiva Murthy, B.M.**, Girijamma A.R., and Mr. Rajesh S. Bejankiwar, (2004), “Development of an Evaluation Criteria for Rural Water Supply and Environmental Sanitation Programme in Project and Non-Project Villages – A Case Study” Journal of Environmental Science and Engineering, 46(1): 41-48.
25. **Sadashiva Murthy, B.M.**, Mahadevaswamy, M., and Girijamma A.R., (2004), Performance Evaluation of Up-flow Anaerobic Sludge Blanket (UASB) Reactor for Treatment of Paper Mill Wastewater”, Journal of Environmental Sciences, 16(2): 194-198.

Year: 2002

26. **Sadashiva Murthy, B.M.**, and Rajesh S. Bejankiwar, Keerthi D’Souza and Rajesh Singru., (2002), “Electrochemical Removal of Endosulfan from Groundwater Samples Using Iron and Steel Electrodes”, Journal of the Institution of Public Health Engineers, India, Vol. 2002, No. 3.
29. **Sadashiva Murthy, B.M.**, Mahadevaswamy, M., and Madhu, S.M., (2002), “Comparative Sorption Kinetic Studies of O-Cresol on Bagasse Flyash with and without Impregnation”, published in Water & Environmental Management Series, Biological Wastewater Treatment, IWA-WAPDEC, Section-1, pp. 797-812.

(c) List of publications in the International / National Conferences/ Symposia

1. **Sadashiva Murthy B.M.**, Madhuri G, Srinivasarao R.T, and Ravitej Hegde (July 2017) “Water Footprint For Integrated Steel Plant – JSW Steel Ltd, Ballari” Souvenir of International Conference on Environment, Health and Policy Nexus (ICEHPN 2017) Mysuru, India.
2. **Sadashiva Murthy B.M.**, Parameshwaramurthy P.M., and Kavya S., (Mar 2016) “Greywater Reuse: A Sustainable Solution for water crisis in Bengaluru city, Karnataka, India”, Proceedings of the IICBE and IA-E International Conference on Environment, Agricultural and Civil Engineering (ICEACE-2016) pp 88-89, ISBN 978-93-84468-48-4

3. **Sadashiva Murthy B.M.**, Mahadevaswamy M. and Ramesh H.S., “Fate of Nitrate and Phosphate through Agricultural Sub-soil Environment”, presented at the “International Workshop on Geoenvironment and Geotechnics - GEOENV 2008 , held during, September 7-9, 2008, at Milos Conference center George Eliopoulos, Milos island, Greece.
4. **Sadashiva Murthy B.M.**, Mahadevaswamy M., Ramesh H.S. and Pavithra M., (2007), “Applications of Sensitivity Analysis – A One-Dimensional Analytical Model for the Parameter Estimation for describing the Behaviour of the Sensitivities in Time and Space”, presented at the International Conference IAHS Groundwater Quality 2007 (GQ07) held at Fremantle, Western Australia, 2-7 December, 2007.
5. **Sadashiva Murthy B.M.**, Mahadevaswamy M., Ramesh H.S., and Archana R.K., (2007), “Multi-Component Fate and Transport of Pollutants in the Agricultural Sub-Soil Development and Validation of the Analytical Model”, presented at the International Conference IAHS Groundwater Quality 2007 (GQ07) held at Fremantle, Western Australia, 2-7 December, 2007.
6. **Sadashiva Murthy B.M.**, Mahadevaswamy M., and Ramesh H.S., (2007), “Development of Screening Level Contaminant Transport Model” presented at the 3rd International Conference on Environmental Science and Technology, at Wyndham Greenspoint Hotel, Houston, Texas, USA, August 6-9, 2007.
7. **Sadashiva Murthy B.M.**, Mahadevaswamy M., and Ramesh H.S., abstract was accepted on the title “Modelling Methods and Techniques in Hydraulics, Hydrology, Eco-hydraulics and Water Quality”, for the 7th International Conference on Hydroinformatics (HIC 2006), held in NICE, France.
8. **Sadashiva Murthy B.M.**, Mahadevaswamy M., and Pavithra M., (2006), “Development of Analytical Mass Transport Model for the Pollutant Migration in the Subsurface Environment”, was presented in World National Congress, held at Omaha, Nebraska, 25-26 May, 2006.
9. **Sadashiva Murthy B.M.**, Mahadevaswamy M., Pavithra M., and Archana R.K., “Leaching Characteristics of Pollutants in Agricultural Subsoil Environment”, published in the proceedings of the All India Seminar on “Providing Urban Facilities in Rural Areas (PURA)”, at the Institute of Engineers, Mysore Local Centre, Mysore, on 12th March 2006.
10. **Sadashiva Murthy B.M.**, Manonmani H.K., Madhu Malini H.S., Savitha B., Shanthala C, and Sahana B, (2005), “Studies on Microbial Degradation of Methyl Parathion”, paper was abstracted in the souvenir and presented at State Level Conference on “Environmental Pollution and Management – Future Challenges”, organized by Department of Microbiology, JSS College of Arts, Commerce and Science, Mysore, during July 29-30, 2005.
11. **Sadashiva Murthy B.M.**, Madhu S.M., and Swaminathan P., (2005), “Reclamation and Reuse of Filter Backwash Water: A Case Study of Kalliseri Water Treatment Plant in Kerala State” paper presented at 1st IWA-ASPIRE (Asia Pacific Regional Group) Conference and Exhibition, at Pan Pacific Hotel, Singapore, during 10-15 July 2005.

12. **Sadashiva Murthy B.M.**, Madhu S.M., Ramesh H.S., and Mahadevaswamy M.,(2005), "Impact of Pesticides and Fertilizers on the Quality of Freshwater and Human Health – A Review", paper presented under the theme "Agriculture and Water" in the International Conference on "Water & Health", held at S.J. College of Engineering, Mysore, during 22-23 January 2005.
13. **Sadashiva Murthy B.M.**, Prasanna Raj P., and Vijay Kumar G.S.,(2005), "Study of Water Distribution Systems during Investigation of Typhoid Epidemic in Mysore City", paper presented under the theme "Physical, Chemical and Microbial Aspects of Water" in the International Conference on "Water & Health", held at S.J. College of Engineering, Mysore, during 22-23 January 2005.
14. **Sadashiva Murthy B.M.**, Istalingamurthy D., Madhu S.M., and Girijamma A.R., (2004) "Present Secnario of Solid Waste Management in Mysore City - A Case Study", paper presented and published in the proceedings of the abstracts of the International Conference on Environment and Development, at Science City, Kolkata, during 4-8 February 2004.
15. **Sadashiva Murthy B.M.**, Girijamma A.R., Preethi S.and Srikanth C., (2003) "Biomedical Waste Management – A Case Study of Mysore City", presented at National Conference on "Innovative Approaches in the Management of Environment", organized jointly by Delhi College of Engineering and IAEM, Nagpur, during 17-18 October 2003.
16. **Sadashiva Murthy B.M.**,Rajesh S. Bejankiwar and Deepa M.P., "Electrochemical Pre-treatment of Wastewater from Color Photograph Processing Unit", presented at 28th WEDC Conference Sustainable Environmental Sanitation and Water Services on "Wastewater & Drainage" Session, during 18-22 November 2002, Kolkata.
17. **Sadashiva Murthy B.M.**, and Malini M., (2001), "Present Scenario of Solid Waste Management in Mysore City", Presented at National Seminar on "Environmental Hazard – Priorities and Protection in the 21st Century", held at Department of Studies in Environmental Science, University of Mysore, Manasagangothri, Mysore, on 2-3 March 2001.
18. **Sadashiva Murthy B.M.**, Lokesh K.S., and Malini M., (2001), "Ex-situ Bioremediation of Soil Contaminated with Polyaromatic Hydrocarbons", presented a paper for poster session in the 3-day conference on "Hazardous Wastes Management", 4th Annual Conference, ENVIROVISION-2001, May 31-June 2, 2001, at Centrum Hall, Caffé Parade, Mumbai

