

## **LIST of CSIR-NEERI 2016 SCI PAPERS**

1. Agarwal, S., Mandal, P., Majumdar, D., Aggarwal, S. G., & Srivastava, A. (2016). Characterization of Bioaerosols and their Relation with OC, EC and Carbonyl VOCs at a Busy Roadside Restaurants-Cluster in New Delhi. *Aerosol and Air Quality Research*, 16(12), 3198-3211.
2. Agarwal, S., Mandal, P., & Srivastava, A. (2016). Quantification and Characterization of Size-segregated Bioaerosols at Municipal Solid Waste Dumping Site in Delhi. In S. K. Ghosh (Ed.), *Waste Management for Resource Utilisation* (Vol. 35, pp. 400-407).
3. Alimba, C. G., Gandhi, D., Sivanesan, S., Bhanarkar, M. D., Naoghare, P. K., Bakare, A. A., & Krishnamurthi, K. (2016). Chemical characterization of simulated landfill soil leachates from Nigeria and India and their cytotoxicity and DNA damage inductions on three human cell lines. *Chemosphere*, 164, 469-479.
4. Aravinthan, A., Arkatkar, A., Juwarkar, A. A., & Doble, M. (2016). Synergistic growth of *Bacillus* and *Pseudomonas* and its degradation potential on pretreated polypropylene. *Preparative Biochemistry & Biotechnology*, 46(2), 109-115.
5. Amrani, M. A., Srikanth, V. V. S. S., Labhsetwar, N. K., Al-Fatesh, A. S., Shaikh, Hamid (2016). Engineering and Structural materials Phoenix dactylifera mediated green synthesis of Cu<sub>2</sub>O particles for arsenite uptake from water. *Science and Technology of Advanced Materials*, 17(1), 760-768.
6. Archana, G., Dhodapkar, R., & Kumar, A. (2016). Offline solid-phase extraction for preconcentration of pharmaceuticals and personal care products in environmental water and their simultaneous determination using the reversed phase high-performance liquid chromatography method. *Environmental Monitoring and Assessment*, 188(9).
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10. Bartholameuz, E. M., Hettiaratchi, J. P. A., & Kumar, S. (2016). Enhanced performance of the aerobic landfill reactor by augmentation of manganese peroxidase. *Bioresource Technology*, 218, 46-52.
11. Bhagchandani, S. P., Kubade, S., Nikhare, P. P., Manke, S., Chandak, N. H., Kabra, D., . . . Kashyap, R. S. (2016). Nested PCR Assay for Eight Pathogens: A Rapid Tool for Diagnosis of Bacterial Meningitis. *Molecular Diagnosis & Therapy*, 20(1), 45-54.

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16. Chattaraj, S., Purohit, H. J., Sharma, A., Jadeja, N. B., & Madamwar, D. (2016). Treatment of Common Effluent Treatment Plant Wastewater in a Sequential Anoxic-Oxic Batch Reactor by Developed Bacterial Consortium VN11. *Applied Biochemistry and Biotechnology*, 179(3), 514-529.
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23. Gandhi, D., Tarale, P., Naoghare, P. K., Bafana, A., Kannan, K., & Sivanesan, S. (2016). Integrative genomic and proteomic profiling of human neuroblastoma SH-SY5Y cells reveals signatures of endosulfan exposure. *Environmental Toxicology and Pharmacology*, 41, 187-194.
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25. Gholap, P. N., Kale, D. S., Krishnamurthi, K., Sirothia, A. R., & Kothekar, M. D. (2016). Screening the partial coding region of metallothionein isoform-2 gene in Zebu cattle. *Iranian Journal of Veterinary Research*, 17(3), 155-159.

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27. Goel, M. D. (2016). Numerical investigation of the axial impact loading behaviour of single, double and stiffened circular tubes. *International Journal of Crashworthiness*, 21(1), 41-50.
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32. Kadaverugu, R., Shingare, R. P., Raghunathan, K., Juwarkar, A. A., Thawale, P. R., & Singh, S. K. (2016). The role of sand, marble chips and Typha latifolia in domestic wastewater treatment - a column study on constructed wetlands. *Environmental Technology*, 37(19), 2508-2515.
33. Kapley, A., Tanksale, H., Sagarkar, S., Prasad, A. R., Kumar, R. A., Sharma, N., Qureshi, A., Purohit, H. J. (2016). Antimicrobial activity of Alcaligenes sp. HPC 1271 against multidrug resistant bacteria. *Functional & Integrative Genomics*, 16(1), 57-65.
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