

CURRICULUM VITAE



Name Surname : Rasha Khalid Sabri MHEMID

Place and Date of Birth : Nineveh/Iraq 1983

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EDUCATION :

- **B.Sc.:** 2005, Mosul University, College of Engineering, Civil Engineering Department
- **M.Sc.:** 2008, Mosul University, College of Engineering, Environmental Engineering Department
- **PhD** : 2019, Istanbul Technical University, College of Environmental

PROFESSIONAL EXPERIENCE AND REWARDS:

- 2008-2013 Assistant Lecturer: Lecturing and conducting of research in the college of environmental science and technology/Mosul university
- In 2014, I got a granted scholarship from the Iraqi Ministry of Higher Education and Scientific Research to accomplish Ph.D. degree from Istanbul Technical University.

(Google scholar):

<https://scholar.google.com/citations?user=AjS1N28AAAAJ&hl=en>

ResearchGate:

<https://www.researchgate.net/profile/Rasha-Mhemid>

PUBLICATIONS, PRESENTATIONS AND PATENTS ON THE THESIS:

- **MHEMID, R.K.**, ALP, K., TURKER, M., AKMIRAZ, I., SHIHAB, M.S. 2018. Removal of Dimethyl Sulfide Via Bio-Scrubber Under Anoxic Condition, *environmental technology Journal*, DOI: 10.1080/09593330.2018.1545801.
- **MHEMID, R.K.**, SHIHAB, M.S., ALP, K., TURKER, M., AKMIRAZ, I. 2019. Ethanethiol gas removal in an anoxic bio-scrubber, *Journal of Environmental Management*, 233: 612–625. <https://doi.org/10.1016/j.jenvman.2018.12.017>

OTHER PUBLICATIONS, PRESENTATIONS AND PATENTS:

- B.Sc. Research Project (2005): Structure analysis using Stad pro. Software.
- M.Sc. Research Project (2007): Management and treatment of solid waste in Al-Khansa Hospital in Mosul city.
- YONUS, R.M., **MHEMID, R.K.**, QASIM, A.F. 2011: Effect Of Local Generator On Heavy Metals Concentrations In Some Soils Of Mosul City. Conference-Environmental and Pollution Control Research Center, November 10-15, 2011 Mosul, Iraq.
- **MHEMID, R.K.**, YONUS, R.M., QASIM, A.F. 2012. Effect of Air Pollutants on Rain Water Characteristics in Hammam Al-Aleel District/ Al-Erej Village South of Mosul City, *Tikrit Journal of Engineering Sciences*, 19(2), 1-12.
- **MHEMID, R.K.** 2013. Biological Treatment of Grey Water Using Sequencing Batch Reactor, *Environmental Science & Technology College/university of Mosul/ Mosul*, 31(4), 539-550.
- SHIHAB, M.S., ALP, K., TURKER, M., AKMIRAZ, I., **MHEMID, R.K.**, 2018. Removal of Ethanethiol using a Biotrickling Filter with Nitrate as an Electron Acceptor, *environmental technology Journal*, DOI: 10.1080/09593330.2018.1545804
- SHIHAB, M.S., AKMIRAZ, I., MHEMID, R.K., ALP, K., TURKER, M., 2019. Abatement of dimethyl sulfide using anoxic biotrickling filter, *J Chem Technol Biotechnol*, DOI 10.1002/jctb.6015
- ALOBAIDI R. A. K., ALTUNTAS K. U. , **MHEMID R.K.S** ,DEMIR N.M. and CINAR O., 2021. Biodegradation of Emerging Pharmaceuticals from Domestic Wastewater by Membrane Bioreactor: The Effect of Solid Retention Time, *Int. J. Environ. Res. Public Health* 2021, 18, 3395. <https://doi.org/10.3390/ijerph18073395>
- Biodegradation of Emerging Pharmaceuticals from Domestic Wastewater by Membrane Bioreactor: The Effect of Solid Retention Time NMDOC Raghad Asad Kadhim ALOBAIDI , Kubra ULUCAN-ALTUNTAS , Rasha Khalid ... *Int. J. Environ. Res. Public Health* 18 (1), 3395, 2021