Department of Chemistry

Publications: 2020-21 AY

Al-Masum

1. [Microwave Irradiated Palladium-Catalyzed Cascade Type Cross Coupling of Phenols and Halides for the Synthesis of Polyphenolic Ethers](https://www.scirp.org/Journal/paperinformation.aspx?paperid=104379). [Mohammad Al-Masum](https://www.scirp.org/journal/articles.aspx?searchcode=Mohammad++Al-Masum&searchfield=authors&page=1), [Houra A. Alalwan](https://www.scirp.org/journal/articles.aspx?searchcode=Houra+A.++Alalwan&searchfield=authors&page=1). [*International Journal of Organic Chemistry*](https://www.scirp.org/Journal/journalarticles.aspx?journalid=527) [Vol.10 No.4](https://www.scirp.org/Journal/home.aspx?issueid=14623),  November 26, 2020 DOI: [10.4236/ijoc.2020.104010](https://doi.org/10.4236/ijoc.2020.104010)

2. Beni, R.; Guha, S.; Hawrami, S.; Radioactive Contaminants in U.S Drinking Water and Water Quality Disparities, *J. Geosci. Enviro. Protect.,* 2020, Accepted, In print.

3. Boadi W.Y., Stevenson C., Johnson D. Flavonoids reduce lipid peroxides in pooled human liver microsomes: Comparative analysis of single and combined doses. *Manuscript in preparation and to be submitted to the American College of Clinical Nutrition on May 17, 2021.*

4. Boadi W. Y., Mohammed M. 2021. Effect of low doses of luteolin on reduced and oxidized glutathione in pooled liver microsomes. *Manuscript in preparation and to be submitted to Drug and Chemical Toxicology in 2021.*

5. Boadi W.Y., Garcia A.S., Myles E.L. Phospho Tensin Homolog (PTEN) in Cancer Cells and Lipid Peroxides in Peripheral Blood Mononuclear Cells (PBMCs) Following Exposure to Flavonoids. J. Am. Coll. Nutr. 39(2):135-146, 2020.

6. Guha, S.; Karim, K.; Beni, R.; Potable Water in the United States, Contaminants and Treatment: A Review, *Voice of the Publisher,* 2020, Accepted, In print.

7. Guha, S.; Karim, K.; Beni, R.; Chemical Industry and Chemist’s Jobs After the COVID-19 Pandemic: A Long-Term Prediction of Employment Outlook for Chemical Professionals, *Voice of the Publisher,* 2020,6, 69-83.

8. Karim, K.; Guha, S.; Beni, R.; Comparative Analysis of Chemical, Physical and Biological Contaminants in Drinking Water in Various Developed Countries around the World, *Journal of Water Resource and Protection*, 2020, 12, 714-728.

9. Karim, K.; Guha, S.; Beni, R.; Globalism after COVID-19 pandemic: a turning point in the separation of social and economic aspects, *Voice of the Publisher,* 2020, 6, 7-17.

10. Karim, K.; Guha, S.; Beni, R.; Total Trihalomethane Levels in Major Watersheds Across the United States, *J. Geosci. Enviro. Protect.,* 2020, 8, 1-14.

11. Karim, K.; Guha, S.; Beni, R.; Comparative Analysis of Water Quality Disparities in the United States in Relation to Heavy Metals and Biological Contaminants, *Water,* 2020, 12, 967.

12. K. Karim, S. Guha, and R. Beni, “Potable Water in the United States, Contaminants and Treatment: A Review,” *Voice of the Publisher,* vol. 6(4), pp. 183-198, published on December 31, 2020.

13. K. Karim, S. Guha, and R. Beni, “Radioactive Contaminants in U.S. Drinking Water and Water Quality Disparities,” *Journal of* *Geoscience and Environment Protection,* vol. 8(11), pp. 238-251, published on November 27, 2020.

14. S. Guha, K. Karim, and R. Beni, “Chemical Industry and Chemist’s Jobs After the COVID-19 Pandemic: A Long-Term Prediction of Employment Outlook for Chemical Professionals,” *Voice of the Publisher,* vol. 6(3), pp. 69-83, published on September 4, 2020.

15. K. Karim, S. Guha, and R. Beni, “Comparative Analysis of Chemical, Physical, and Biological Contaminants in Drinking Water in Various Developed Countries around the World,” *Journal of* *Water Resource and Protection,* vol. 12(8), pp. 714-728, published on August 19, 2020.

16. K. Karim, S. Guha, and R. Beni, “Total Trihalomethane Levels in Major Watersheds Across the United States,” *Journal of Geoscience and Environment Protection,* vol. 8(11), pp. 1-14, published on June 12, 2020.

17. K. Karim, S. Guha, and R. Beni, “Globalism after COVID-19 Pandemic: A Turning Point in the Separation of Social and Economic Aspects,” *Voice of the Publisher,* vol. 6, pp. 7-17, published on June 4, 2020.

18. Oyedele, A.S.; Bogan, D.N.; Okoro, C. O. Synthesis, biological evaluation and virtual screening of some acridone derivatives as potential anticancer agents. Bioorganic & Medicinal Chemistry 28(2020) 115426.

19. Bashiyar Almarwani, Nsoki Phambu, Yahia Z. Hamada, and Anderson Sunda-Meya. Interactions of an Anionic Antimicrobial Peptide with Zinc(II): Application to Bacterial Mimetic Membranes. <https://dx.doi.org/10.1021/acs.langmuir.0c02306> Langmuir XXXX, XXX, XXX−XXX (Dec. 2020).

20. Sushak, L., Gabure, S., Maise, J., Arnett, J., Whalen, M.M. 2020. Dibutyltin alters immune cell production of the pro-inflammatory cytokines interleukin (IL) 1β and IL-6: role of mitogen-activated protein kinases and changes in mRNA. J. Appl. Toxicol. 40:1047-1059.

21. Wilburn, W., Jamal, S., Ismail, F., Brooks, D., Whalen, M.M. 2021. Evaluation of Triclosan exposure on secretion of pro-inflammatory cytokines from human immune cells. Environ. Toxicol. Pharm. In press