

**List of Publications in BJSIR and Scopus/SCI/ ISI and Other Indexed Journals
For BCSIR Website (From 2009 to 2022)**

Total number of Publications in Scopus/SCI/ISI and Other Indexed Journals: 286

Number of publications in 2022: 37

***Corresponding Author.**

1. Rahman, M. A., ***Siddique, M. A. B.**, Khan, R., Reza, A. H. M. S., Khan, A. H. A. N., **Akbor, M. A.**, Islam, M. S., Hasan, A. B., Hasan, M. I., & Elius, I.B. (2022). Mechanism of arsenic enrichment and mobilization in groundwater from southeastern Bangladesh: Water quality and preliminary health risks assessment. *Chemosphere*, 294, 133556 <https://doi.org/10.1016/j.chemosphere.2022.133556>
2. Hossain, S., Anik, A. H., Khan, R., Ahmed, F. T., **Siddique, M. A. B.**, Khan, A. H. A. N., Saha, N., Idris, A. M., & Alam, M. (2022). Public Health Vulnerability Due to the Exposure of Dissolved Metal (oid) s in Tap Water from a Mega City (Dhaka, Bangladesh): Source and Quality Appraisals. *Exposure and Health*, 1-20, <https://doi.org/10.1007/s12403-021-00446-0>
3. Khan, M. R., Hoque, S. M., Hossain, K. F. B., **Siddique, M. A. B.**, Uddin, M. K., & Rahman, M. M. (2022). Green synthesis of silver nanoparticles using *Hibiscus sabdariffa* leaf extract and its cytotoxicity assay. *Inorganic and Nano-Metal Chemistry*, 1-11, <https://www.tandfonline.com/doi/abs/10.1080/24701556.2021.2025091>
4. Ferdousi, L., Sultana, N., Bithi, U. H., Lisa, S. A., Hasan, M. R., ***Siddique, M. A. B.** (2022). Nutrient Profile of Wild Black Soldier Fly (*Hermetia illucens*) Prepupae Reared on Municipal Dustbin's Organic Waste Substrate. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences*, 1-7, <https://doi.org/10.1007/s40011-021-01340-0>

5. Kibria, K. Q., Islam, M. A., Hoque, S., **Siddique, M. A. B.**, Hossain, M. Z., & Islam, M. A. (2022). Variations in cadmium accumulation among amon rice cultivars in Bangladesh and associated human health risks. *Environmental Science and Pollution Research*, 1-15, <https://doi.org/10.1007/s11356-022-18762-6>
6. Islam, M. S., Nakagawa, K., Abdullah-Al-Mamun, M., **Siddique, M. A. B.**, & Berndtsson, R. (2022). Is road-side fishpond water in Bangladesh safe for human use? An assessment using water quality indices. *Environmental Challenges*, 6, 100434, <https://doi.org/10.1016/j.envc.2021.100434>
7. Himu, M. M., Afrin, S., **Akbor, M. A.**, **Siddique, M. A. B.**, Uddin, M. K., & Rahman, M. M. (2022). Assessment of microplastics contamination on agricultural farmlands in central Bangladesh. *Case Studies in Chemical and Environmental Engineering*, 100195, <https://doi.org/10.1016/j.cscee.2022.100195>
8. Nasrin, S., Islam, M. N., Tayab, M. A., Nasrin, M. S., **Siddique, M. A. B.**, Emran, T. B., & Reza, A. S. M. A. (2022). Chemical profiles and pharmacological insights of *Anisomeles indica* Kuntze: An experimental chemico-biological interaction. *Biomedicine & Pharmacotherapy*, 149, 112842, <https://doi.org/10.1016/j.biopha.2022.112842>
9. Afrin, S., Rahman, M. M., **Akbor, M. A.**, **Siddique, M. A. B.**, Uddin, M. K., & Malafaia, G. (2022). Is there tea complemented with the appealing flavor of microplastics? A pioneering study on plastic pollution in commercially available tea bags in Bangladesh. *Science of the Total Environment*, 837(1), 155833, <http://dx.doi.org/10.1016/j.scitotenv.2022.155833>
10. Halder, M., Rahman, T., Mahmud, A., Jim, S. A., **Akbor, M. A.**, ***Siddique, M. A. B.**, & Joardar, J. C. (2022). Are the vegetables grown in the soil of municipal solid waste dumping sites safe for human health? An assessment from trace elements contamination

and associated health risks. *Environmental Nanotechnology, Monitoring & Management*, 18, 100731. <https://doi.org/10.1016/j.enmm.2022.100731>

11. Jannat, J. N., Khan, M. S. I., Islam, H. M. T., Islam, M. S., Khan, R., **Siddique, M. A. B.**, ... & Islam, A. R. M. T. (2022). Hydro-chemical assessment of fluoride and nitrate in groundwater from east and west coasts of Bangladesh and India. *Journal of Cleaner Production*, 372, 133675. <https://doi.org/10.1016/j.jclepro.2022.133675>
12. Anik, A. H., Khan, R., Hossain, S., **Siddique, M. A. B.**, Tamim, U., Islam, A. R. M. T., Idris, A. M., & Tareq, S. M. (2022). Reconciling the geogenic and non-crustal origins of elements in an Indo-Bangla transboundary river, Atrai: Pollution status, sediment quality, and preliminary risk assessment. *Environmental Research*, 214, 114134.
13. Hossain, S., Khan, R., Anik, A. H., **Siddique, M. A. B.**, Tamim, U., Islam, A. R. M. T., Idris, A. M., & Khaleque, M. A. (2022). Natural and anthropogenic contribution to the elemental composition and subsequent ecological consequences of a transboundary river's sediments (Punarbhaba, Bangladesh). *Environmental Research*, 114444.
14. Hasan, A. B., Reza, A. H. M. S., **Siddique, M. A. B.**, **Akbor, M. A.**, **Nahar, A.**, **Hasan, M.**, Zaman M. N., Hasan, M. I., & Moniruzzaman, M. (2022). Spatial distribution, water quality, human health risk assessment, and origin of heavy metals in groundwater and seawater around the ship-breaking area of Bangladesh. *Environmental Science and Pollution Research*, 1-26. <https://doi.org/10.1007/s11356-022-23282-4>
15. Haque, M. R., Ali, M. M., Ahmed, W., **Siddique, M. A. B.**, **Akbor, M. A.**, Islam, M. S., & Rahman, M. M. (2022). Assessment of microplastics pollution in aquatic species (fish, crab, and snail), water, and sediment from the Buriganga River, Bangladesh: An ecological risk appraisals. *Science of The Total Environment*, 159344.
16. Ul-Haque, J., **Siddique, M. A. B.**, Islam, M. S., Ali, M. M., Tokatli, C., Islam, A., ... & Islam, A. R. M. T. (2022). Effects of COVID-19 era on a subtropical river basin in

Bangladesh: Heavy metal (loid) s distribution, sources and probable human health risks. *Science of The Total Environment*, 159383.

17. Nasiruddin, M., Islam, A. R. M. T., **Siddique, M. A. B.**, Hasanuzaman, M., Hassan, M. M., **Akbor, M. A.**, ... & Kumar, S. (2022). Distribution, sources, and pollution levels of toxic metal (loid) s in an urban river (Ichamati), Bangladesh using SOM and PMF modeling with GIS tool. *Environmental Science and Pollution Research*, 1-25.
18. Islam, M. N., Ganguli, S., Saha, N., Khatun, F., Karim, R., Tanvir, E. M., Howlader, S., **Siddique, M. A. B.**, Peng, C., & Ng, J. C. (2022). Effects of shipwrecks on spatiotemporal dynamics of metal/loids in sediments and seafood safety in the Bay of Bengal. *Environmental Pollution*, 120452. <https://doi.org/10.1016/j.envpol.2022.120452>
19. Kormoker, T., Karmoker, R., Uddin, M., Kabir, M. H., **Siddique, M. A. B.**, Khan, R., Islam, M. S., Al, M. A., Alam, M., Ustaoglu, F., Islam, M., Idris, A. M. (2022). Toxic elemental abundances in the sediment of the Jamuna River, Bangladesh: pollution status, sources, toxicity, and ecological risks assessment, *International Journal of Environmental Analytical Chemistry*. <https://doi.org/10.1080/03067319.2022.2134781>
20. Chapter 8 - Metal contamination in groundwater of Bangladesh. Book Series: Current Directions in Water Scarcity Research (Elsevier, Scopus Indexed). Part of volume: Water Scarcity, Contamination and Management, 2022, 5, 109-131.
21. Md. Jainal Abedin, Mayeen Uddin Khandaker, **Md. Ripaj Uddin**, Md. Rezaul Karim, Md. Shahab Uddin Ahamad, Md. Ariful Islam, Abu Mohammad Arif, Abdelmoneim Sulieman, Abubakr Md. Idris, PPE pollution in the terrestrial and aquatic environment of the Chittagong city area associated with the COVID-19 pandemic and concomitant health implications, *Environmental Science and Pollution Research*, 17859(13), 17859, 2021. <https://doi.org/10.1007/s11356-021-17859-8>

22. Md. Jainal Abedin, Mayeen Uddin Khandaker, **Md. Ripaj Uddin**, Md. Rezaul Karim, Md. Shahab Uddin Ahamad, Md. Ariful Islam, Abu Mohammad Arif, Abdelmoneim Sulieman, Abubakr Md. Idris; Amassing the Covid-19 driven PPE wastes in the dwelling environment of Chittagong Metropolis and associated implications, *Chemosphere*, 134022 (297), 2022.
23. Tarek, Y.A., Debnath, S.C., **Uddin, M.R.**, Ahmed, S., Moniruzzaman, M., Jahan, T., Sultana, S., Hasan, M. and Jamal, A.S.I.M., 2022. Harvested Rainwater Quality of Dhaka and Its Importance as the Alternative to Surface and Groundwater. *ECS Transactions*, 107(1), p.18813.
24. Bushra Parvin Upoma, **Sabina Yasmin**,* Md. Aftab Ali Shaikh, Tajnin Jahan, Md. Anamul Haque, Mohammad Moniruzzaman, and **Md Humayun Kabir*** (2022). A Fast Adsorption of Azithromycin on Waste-Product-Derived Graphene Oxide Induced by H-Bonding and Electrostatic Interactions. *ACS Omega*.
25. Md. Habibullah-Al-Mamun, Sanjida Akter Tanima, Bijoya Paul, Md. Al Zahid, **Md. Humayun Kabir**, Shamim Ahmed, Shankar Chandra Mandal, Anwar Hossain (2022). Occurrence of Organochlorine Pesticides (OCPs) Residues in Farmed and Wild Fish in Bangladesh and Implications for Human Health. *Expo Health* .
26. Surya Akter, Sahinoor Islam, **Humayun Kabir**, Aftab Ali Shaikh, Abdul Gafur (2022). UV/TiO₂ photodegradation of metronidazole, ciprofloxacin and sulfamethoxazole in aqueous solution: An optimization and kinetic study. *Arabian Journal of Chemistry*.
27. **Sabina Yasmin**, Nipa Roy , **Md Humayun Kabir** , Seungwon Jeon (2022). Nitrogen-functionalized carbon nanotube based palladium nanoparticles as an efficient catalyst for oxygen reduction and ethanol oxidation reaction. *Applied Surface Science Advances* 9, 100235. <https://doi.org/10.1016/j.apsadv.2022.100235>

28. G. M. M. Anwarul Hasan, **Md Humayun Kabir**, Mohammed Abdus Satter Miah (2022). Determination of heavy metals in raw and pasteurized liquid milk of Bangladesh to assess the potential health risks. *Food Research* 6(1):233-237.
29. Md. Golam Azam, **Md Humayun Kabir*** , Md. Aftab Ali Shaikh, **Shamim Ahmed**, Monika Mahmud, **Sabina Yasmin** (2022). A rapid and efficient adsorptive removal of lead from water using graphene oxide prepared from waste dry cell battery. *Journal of Water Process Engineering* 46, 102597. DOI: [10.1016/j.jwpe.2022.102597](https://doi.org/10.1016/j.jwpe.2022.102597)
30. Islam, Muhammad Saiful, Zahidul Islam, Rashed Hasan, and **AHM Shofiul Islam Molla Jamal**. "Acidic hydrolysis of recycled polyethylene terephthalate plastic for the production of its monomer terephthalic acid." *Progress in Rubber, Plastics and Recycling Technology* (2022): 14777606221128038
31. Assessment of Antioxidant, Antimicrobial, Cytotoxicity and Thrombolytic Potential of *Erythrina fusca* Lour Grown in Bangladesh, Adeeba Anjum, Md. Zakir Sultan, **Muhammad Abdullah Al Mansur**, Choudhury M. Hasan and Mohammad A. Rashid, *Bangladesh Pharmaceutical Journal* 25(1): 1-8, 2022
32. Farzana, M., Hossain, M. J., El-Shehawi, A. M., Sikder, M. A. A., Rahman, M. S., **Al-Mansur, M. A.**, ... & Rashid, M. A. (2022). Phenolic Constituents from *Wendlandia tinctoria* var. *grandis* (Roxb.) DC. Stem Deciphering Pharmacological Potentials against Oxidation, Hyperglycemia, and Diarrhea: Phyto-Pharmacological and Computational Approaches. *Molecules*, 27(18), 5957.
33. **Uddin, M. R*.**, Khandaker, M. U., Akter, N., Ahmed, M. F., Hossain, S. M. M., Gafur, A., & Idris, A. M. (2022). Identification and Economic Potentiality of Mineral Sands Resources of Hatiya Island, Bangladesh. *Minerals*, 12(11), 1436.

34. Snygdha Rani Das, Md. Azizul Haque, **Md. Ahedul Akbor**, Md. Abdullah-Al-Mamun, Gautam Chandra Debnath, Md. Shohorab Hossain, Zoherul Hasan, Aminur Rahman, Md. Atikul Islam, Md. Al-Amin Hossain, Shamima Yesmin, Mst. Nur-E-Nazmun Nahar & Kye Man Cho Organophosphorus insecticides mineralizing endophytic and rhizospheric soil bacterial consortium influence eggplant growth-promotion, 27 February 2022 Journal of Archive of Microbiology [Publisher: *Springer*, Q2Journal, Impact Factor: 2.552].
35. Nushrat Jahan Chowdhury, Mashura Shammi, Md. Mostafizur Rahman , **Md. Ahedul Akbor**, Md. Khabir Uddin “Seasonal Distributions, and Risk Assessment of Polychlorinated Biphenyls (PCBs) in the Surficial Sediments from the Turag River, Dhaka, Bangladesh, February 2022 Journal of Environmental Science and Pollution Research. <https://doi.org/10.1007/s11356-022-19176-0>
36. Sultan, M. B., Rahman, M. M., Khatun, M. A., Shahjalal, M., Akbor, M. A, Siddique, M. A. B., Huque, R., & Malafaia, G. (2022). Microplastics in different fish and shellfish species in the mangrove estuary of Bangladesh and evaluation of human exposure. *Science of The Total Environment*, 858 (1), 159754.
37. 21. Hossain, M. N., Rahman, M. M., Afrin, S., Akbor, M. A., Siddique, M. A. B., & Malafaia, G. (2022). Identification and quantification of microplastics in agricultural farmland soil and textile sludge in Bangladesh. *Science of The Total Environment*, 160118.

Book Chapter

1. AbulKhair, Gulam M. GulzarHossain, Mohammad S. Alam, Mahammad M.Hossain, **Mohammad H. Kabir**, Mohammad H. Rahman and AmalHalder. Novel Liquid Diffusion Tube Determines Electrolytes Relative Free Diffusion Velocities, Hydration Numbers and Overwhelmingly Revalidates Electrolytic Diffusion Law. <http://www.springer.com/chemistry/book/978-90-481-8649-5>

Number of publications in 2021: 18

*Corresponding Author.

1. Sarker, S., **Siddique, M. A. B.**, Bithi, U. H., Rahman, M. M., Rahman, M. S., & Akter, M. (2021). Diseases, metals and bioactive compounds in seaweeds of Bangladesh. *Regional Studies in Marine Science*, 48, 102021.
2. ***Siddique, M. A. B.**, Islam, A. R. M. T., Hossain, M. S., Khan, R., **Akbor, M. A.**, Hasanuzzaman, M., Sajid, M. W. M., Mia, M. Y., Mallick, J., Rahman, M., & Rahman, M.M. (2021). Multivariate Statistics and Entropy Theory for Irrigation Water Quality and Entropy-Weighted Index Development in a Subtropical Urban River, Bangladesh. *Environmental Science and Pollution Research*, 29, 8577-8596.
3. ***Siddique, M. A. B.**, Khan, R., Islam, A. R. M. T., Alam, M. K., Islam, M. S., Hossain, M. S., Habib, M. A., **Akbor, M. A.**, Bithi, U. H., Rashid, M. B., Hossain, F., Rahman, I. M. M, Elius, I. B., & Islam, M. S. (2021). Quality assessment of freshwaters from a coastal city of southern Bangladesh: irrigation feasibility and preliminary health risks appraisal. *Environmental Nanotechnology, Monitoring & Management*, 16, 100524.
4. Hasan, M. N., ***Siddique, M. A. B.**, Reza, A. S., Khan, R., **Akbor, M. A.**, Elius, I. B., Hasan, A. B., & **Hasan, M.** (2021). Vulnerability assessment of seawater intrusion in coastal aquifers of southern Bangladesh: Water quality appraisals. *Environmental Nanotechnology, Monitoring & Management*, 100498,
5. Sarker, S., **Akbor, M. A.**, **Nahar, A.**, **Hasan, M.**, Islam, A. R. M. T., & ***Siddique, M. A. B.** (2021). Level of pesticides contamination in the major river systems: a review on South Asian countries perspective. *Heliyon*, e07270.
6. Hasan, S. M. M., Akber, M. A., Bahar, M. M., Islam, M. A., Akbor, M. A., **Siddique, M. A. B.**, & Islam, M.A. (2021). Chromium contamination from tanning industries and Phytoremediation potential of native plants: a study of savar tannery industrial estate in

Dhaka, Bangladesh. *Bulletin of Environmental Contamination and Toxicology*, 106, 1024-1032. <https://doi.org/10.1007/s00128-021-03262-z>

7. Papri, N., Sarker, A., Hossain, M. L., Hossain, K. S., **Siddique, M. A. B.**, & Rahman, A. K. M. L. (2021). Synthesis, Characterization and Biological Applications of Mo (VI) and V (IV) Complexes of 2-[2-(2-aminoethoxy) ethoxy] ethanamine dithiocarbamate. *Chiang Mai Journal of Science*, 48(1), 196-206.
8. **Md. Ripaj Uddin**, Mayeen U Khandaker*, Jainal Abedin, Nahida Akter, **AHM Shofiul Islam Molla Jamal, Rokaia Sultana, Shahnaz Sultana, Mehedi Hasan**, Hamid Osman, Ahmad El Askary, M. I. Sayyed, Quality assessment of the bottled and unbottled drinking water in Bangladesh, *MDPI Water journal*, 13(15), 2026, 2021.
9. Sazia sultana, Md.Sahadat Hossain, Monika Mahmud, Mashrafi Bin Mubarak, **Md. HumayunKabir**, NahidSharmin, **Samina Ahmed** (2021). UV-assisted synthesis of hydroxyapatite from eggshells at ambient temperature: cytotoxicity, drug delivery and bioactivity. *RSC Adv.* 11. 5686-5694.
10. Uddin MA, Akter S, Ferdous M, Haidar B, Amin A, **Jamal Molla AHM**, Khan H, Islam MR. A plant endophyte *Staphylococcus hominis* strain MBL_AB63 produces a novel lantibiotic, homiocorcin and a position one variant. *Scientific reports.* 2021, 27;11(1):1-2.
11. Sarkar, A. M., Jahan, M. S., Nayeem, J., Arafat, K. M. Y., Rahman, M. M., Popy, R. S., **Jamal, AH** & Quaiyyum, M. A. (2021). Chemical and morphological characterization and pulping of *Casuarina equisetifolia*. *Nordic Pulp & Paper Research Journal*, 36(4), 559-569.
12. Khatun, M. C. S., Muhit, M. A., Hossain, M. J., **Al-Mansur, M. A.**, & Rahman, S. A. (2021). Isolation of phytochemical constituents from *Stevia rebaudiana* (Bert.) and

evaluation of their anticancer, antimicrobial and antioxidant properties via in vitro and in silico approaches. *Heliyon*, 7(12), e08475.

13. Anjum, A., Kuddus, M. R., Sultan, M. Z., Al Mansur, A., Hasan, C. M., & Rashid, M. A. (2021). Phytochemical and Biological Investigation of *Bridelia tomentosa* Blume Growing in Bangladesh. *Dhaka University Journal of Pharmaceutical Sciences*, 20(2), 213-218.
14. Islam, M., Avha, N. J., **Ahmed, S., Akbor, M.**, Mostafiz, F., & Habibullah-Al-Mamun, M. (2022). Trace metals and organochlorine pesticide residues in imported fishes in Bangladesh and human health risk implications. *Environmental Science and Pollution Research*, 29(12), 17499-17512.
15. Zaman, N. R., Chowdhury, U. F., Reza, R. N., Chowdhury, F. T., Sarker, M., Hossain, M. M., ... & Khan, H. (2021). Plant growth promoting endophyte *Burkholderia contaminans* NZ antagonizes phytopathogen *Macrophomina phaseolina* through melanin synthesis and pyrrolnitrin inhibition. *PloS one*, 16(9), e0257863.
16. Tasnim, U. F., Shammi, M., **Akbor, MA** & Uddin, M. (2021). Effect of Biochar Amended Vermicomposting of Food and Beverage Industry Sludge along with Cow dung and Seed Germination Bioassay. *Pollution*, 7(2), 355-365.
17. Hossain, Z. Z., **Sultana, R.**, Begum, A., & Jensen, P. K. M. (2021). Investigation of the Domestic Reservoirs of Diarrheogenic *Escherichia coli* in Diarrhea Case Households of Urban Bangladesh. *Current Microbiology*, 78(7), 2534-2547.
18. Sharmin Akhte, Aninda Kumar Nath, Anowara Jenny, Joysree Das, **Muhammad Abdullah Al-Mansur, Aynun Nahar** and Sukalyan Kumar Kundu. Preparation and invitro characterization of solid dispersion containing ibuprofen. *Jagannath University Journal of Life and Earth Sciences*, 6(1):1-10, 2021.

Number of publications in 2020: 24

*Corresponding Author.

1. Khan, M. R., Hoque, S. M., Hossain, K. F. B., **Siddique, M. A. B.**, Uddin, M. K., & Rahman, M. M. (2020). Green synthesis of silver nanoparticles using *Ipomoea aquatica* leaf extract and its cytotoxicity and antibacterial activity assay. *Green Chemistry Letters and Reviews*, 13(4), 303-315.
2. ***Siddique, M. A. B.**, Alam, M. K., Islam, S., Diganta, M. T. M., **Akbor, M. A.**, Bithi, U. H., Chowdhury, A. I., & Ullah, A. K. M. A. (2020). Apportionment of some chemical elements in soils around the coal mining area in northern Bangladesh and associated health risk assessment. *Environmental Nanotechnology, Monitoring & Management*, 14, 100366.
3. **Akbor, M. A.**, Rahman, M. M., Bodrud-Doza, M., Haque, M. M., **Siddique, M. A. B.**, Ahsan M. A., Bondad, S. E. C., & Uddin, M.K. (2020). Metal pollution in water and sediment of the Buriganga River, Bangladesh: an ecological risk perspective. *Desalination and Water Treatment*, 193, 284-301,
4. Islam, A. R. M. T., Hasanuzzaman, M., Islam, H. T., Mia, M. U., Khan, R., Habib, M. A., Rahman, M. M., **Siddique, M. A. B.**, Moniruzzaman, M., & Rashid, M. B. (2020). Quantifying Source Apportionment, Co-occurrence, and Ecotoxicological Risk of Metals from Upstream, Lower Midstream, and Downstream River Sediments, Bangladesh. *Environmental toxicology and chemistry*, 39(10), 2041-2054.
5. Khan, R., Islam, M. S., Tareq, A. R. M., Naher, K., Islam, A. R. M. T., Habib, M. A., **Siddique, M. A. B.**, Islam, M. A., Das, S., Rashid, M. B., & Ullah, A. K. M. A., et al. (2020). Distribution, sources and ecological risk of trace elements and polycyclic aromatic hydrocarbons in sediments from a polluted urban river in central Bangladesh. *Environmental Nanotechnology, Monitoring & Management*, 14, 100318.

6. **Akbor, M. A.,** Rahman, M. M., Akter, R., Hossain, S., Ahmed, S., **Siddique, M. A. B.,** Nahar, A., & Uddin, M. (2020). Interfering effects of Iron (II) and Arsenic (III) in the Cerium-based adsorption technology in Bangladesh. *Pollution*, 6(3), 513-519.
7. Uddin, A. K. M. R., ***Siddique, M. A. B.,** Rahman, F., Ullah, A. K. M. A., & Khan, R. (2020). *Cocos nucifera* Leaf Extract Mediated Green Synthesis of Silver Nanoparticles for Enhanced Antibacterial Activity. *Journal of Inorganic and Organometallic Polymers and Materials*, 1-12.
8. Biswas, P., Islam, M. S., **Siddique, M. A. B.,** & Halder, M. (2020). Organic carbon content and Fe-organo association in soils under rice dominant cropping system in Bangladesh. *Bangladesh Journal of Botany*, 49(1), 185-190,
9. Habib, M. A., Islam, A. R. M. T., Bodrud-Doza, M., Mukta, F. A., Khan, R., **Siddique, M. A. B.,** Phoungthong, K., & Techato, K. (2020). Simultaneous appraisals of pathway and probable health risk associated with trace metals contamination in groundwater from Barapukuria coal basin, Bangladesh. *Chemosphere*, 242, 125183.
10. Moula, M. T., Nath, R. K., Chowdhury, M. M., & **Siddique, M. A. B.** (2020). An Overview of River Side Pollutants and their Effects on Physico-Chemical Changes in Water Quality of River Halda, Bangladesh. *Asian Journal of Chemistry*, 32(4), 827-834.
11. Islam, A. R. M. T., Islam, H. T., Mia, M. U., Khan, R., Habib, M. A., Bodrud-Doza, M., **Siddique, M. A. B.,** & Chu, R. (2020). Co-distribution, possible origins, status and potential health risk of trace elements in surface water sources from six major river basins, Bangladesh. *Chemosphere*, 249, 126180.
12. Hasan, A. B., Reza, A. S., Kabir, S., ***Siddique, M. A. B., Ahsan, M. A., & Akbor, M. A.** (2020). Accumulation and distribution of heavy metals in soil and food crops around

the ship breaking area in southern Bangladesh and associated health risk assessment. SN Applied Sciences, 2(2), 155.

13. **Akbor, M.A.**, Rahman, M.M., Akter, R., Hossain, S., **Ahmed, S.**, **Siddique, M.A.B.**, **Nahar, A.** and Uddin, M., 2020. Interfering effects of Iron (II) and Arsenic (III) in the Cerium-based adsorption technology in Bangladesh. *Pollution*, 6(3), pp.513-519.
14. **Md. Ripaj Uddin***, Md. Moazzem Hossain , Shakila Akter, Muhammad Edris Ali, **Md. Aminul Ahsan**, Assessment of some physicochemical parameters and determining the corrosive characteristics of the Karnaphuli estuarine water, Chittagong, Bangladesh, *Water Science*, 34(1), 164-180, 2020.
15. Kazi Mohammad Anamoul Haque, Mohd Nur E Alam Siddique, **A. H. M. Shofiul Islam Molla Jamal***, Md Anwarul Islam, “Mobilization and Distribution of Arsenic with Other Metal Ions at Upstream and Downstream of River Meghna”, *Advanced Journal of Chemistry-Section A*, 2020, Volume 3, Issue 3, Page 358-369.
16. **A. H. M. Shofiul Islam Molla Jamal***, **Md. Aminul Ahsan**, **Shamim Ahmed**, **Shakila Akter**, **Rokaia Sultana**, **Aynun Nahar**, **Md. Ripaj Uddin**, Physicochemical and Microbiological Quality of Potable Water Supplied by DWASA in Dhaka City of Bangladesh, *American Journal of Biological and Environmental Statistics* 6(1): 1-6, 2020.
17. **A. H. M. Shofiul Islam Molla Jamal***, **Shamim Ahmed**, **Shakila Akter**, **Aynun Nahar**, **Rokaia Sultana**, **Md. Ripaj Uddin**, **Tajnin jahan**, **Shahnaz Sultana**, **Mehedi Hasan**, Spatial Variation of Rainwater Quality Parameters at Khulna City of Bangladesh, *Journal of Environment Pollution and Human Health*, 2020, 8(2): 49-54.
18. **A. H. M. Shofiul Islam Molla Jamal***, **Shamim Ahmed**, **Shakila Akter**, **Aynun Nahar**, **Rokaia Sultana**, **Md. Ripaj Uddin**, **Mehedi Hasan**, **Tajnin jahan**, **Shahnaz Sultana**, "Chemistry of Pre-Monsoon and Monsoon Rain Water in Rajshahi City of

Bangladesh", International Journal of Academic Scientific Research, 2(8), 2272-6446, 2020.

19. **Mohammad Nazmul Haque, A. H. M. Selim Reza , Sohail Kabir , Md. Aminul Ahsan , Sudip Saha, Md Ahedul Akbor** “International Journal of Advanced Geosciences: Assessment of heavy metals contamination of the water resources in the vicinity of Barapukuria Coal Mine, Phulbari, Dinajpur, NW Bangladesh, October 2020, International Journal of Advanced Geo sciences, 8 (2) (2020) 214-218, DOI: [10.14419/ijag.v8i2.31103](https://doi.org/10.14419/ijag.v8i2.31103)
20. **MR Uddin, MA Ahsan, S Akter, MA Akbor, N Akter, S Ahmed, RH Bhuiyan, ME Ali** .Assessment of seasonal varriation in water quality of various khal in chittagong port city, Bangladesh, *International Journal of Technical Research & Science*, 5 (14) (30):2454-2024.
21. Jahan, F., Momen, M. A., Happy, A. A., Hossain, M. H., **Akbor, M. A., & Ahmed, S.** (2020). Formulation and evaluation of herbal ultrasound gel for ultrasonography. *J. Dis. Med. Plants*, 6, 11-15.
22. Nipa Roy, **Sabina Yasmin**, A. Ejaz, H.S. Han, S. Jeon Influence of pyrrolic and pyridinic-N in the size and distribution behaviour of Pd nanoparticles and ORR mechanism. *Applied Surface Science* 533 (2020) 147500. **I.F=6.70**
23. Nipa Roy, **Sabina Yasmin**, S. Jeon, Effective electrochemical detection of dopamine with highly active molybdenum oxide nanoparticles decorated on 2, 6 diaminopyridine/reduced graphene oxide. *Microchemical Journal* Volume 153, March 2020, 104501. **I.F=4.82**
24. Rahman, M. M., Al-Mansur, M. A., Easmin, S., Afroz, T., Haque, M. S., Rahman, M. M., & Haque, M. A. Chemical and Biological Screening of Endophytes from Bark of *Gynura procumbens*. *Jagannath University Journal of Science*. 7 (1): 9-13, 2020.

Number of publications in 2019: 17

*Corresponding Author.

1. Islam, M. E., Reza, A. S., Sattar, G. S., **Ahsan, M. A., Akbor, M. A., & Siddique, M. A. B.** (2019). Distribution of arsenic in core sediments and groundwater in the Chapai Nawabganj district, Bangladesh. *Arabian Journal of Geosciences*, 12(3), 99. <https://doi.org/10.1007/s12517-019-4272-9>
2. **Ahsan, M. A.,** Satter, F., ***Siddique, M. A. B., Akbor, M. A., Ahmed, S.,** Shajahan, M., & Khan, R. (2019). Chemical and physicochemical characterization of effluents from the tanning and textile industries in Bangladesh with multivariate statistical approach. *Environmental monitoring and assessment*, 191(9), 575. <https://doi.org/10.1007/s10661-019-7654-2>
3. Aziz, S., **Siddique, M. A. B.,** & Uddin, S. J. (2019). Proximate and Mineral Composition of Leaf, Stem, Flower and Seed of *Cassia sophera* Linn. *International Journal of Pharmaceutical Sciences Review and Research*. 57(1), 49-54.
4. Islam, M., Halder, M., **Siddique, M. A. B.,** Razir, S. A. A., Sikder, S., & Joardar, J. C. (2019). Banana peel biochar as alternative source of potassium for plant productivity and sustainable agriculture. *International Journal of Recycling of Organic Waste in Agriculture*, 8(1), 407-413 <https://doi.org/10.1007/s40093-019-00313-85>
5. **M. R. Uddin,** R. H. Bhuyain, **S. Yeasmin, M. A. Ahsan,** M. E. Ali “Characterization of some physicochemical parameters and status of *Escherichia coli* of Karnaphuli River in Bangladesh” *Journal of Environmental Science, Computer Science and Engineering & Technology, Sec. A*; 8(4):343-357, 2019.

6. **Md. Ripaj Uddin**, Riyadh Hossen Bhuyain, Muhammad Edris Ali, **Aminul Ahsan** “Pollution and ecological risk evaluate for the environmentally impact on Karnaphuli river, Bangladesh” *International Journal of Fisheries and Aquatic Research*, 4(3):28-48, 2019.
7. **Ahmed Shamim**, Akter Tania, **Ahsan Md. Aminul**, **Yasmin Sabina**, **Jamal AHM Shafiul Islam Molla**, **Uddin Md. Ripaj** and Shajahan Md, “Textile dyeing and tannery industries effluent physico-chemicals conditions before discharge to river around Dhaka, Bangladesh” *International Journal of Scientific & Engineering Research*, 10(7): 1029-1045, 2019.
8. Md. Moshfekus Saleh-e-Ina, Ayan Roya, **Muhammad Abdullah Al-Mansur** , Choudhury Mahmood Hasan , Md. Matiur Rahim , Nasim Sultana , Shamim Ahmed , Md. Rabiul Islam , Johannes van Staden : Isolation and in silico prediction of potential drug-like compounds from *Anethum sowa* L. root extracts targeted towards cancer therapy, *Computational Biology and Chemistry*, 78 (1): 242-259, 2019.
9. Mahfuza Afroz Soma, mohammad firoz khan, faiza tahia, **Md Abdullah Al-Mansur** ,Mohammad Sharifur Rahman and Mohammad Abdur Rashid : Cyclooxygenase-2 Inhibitory Compounds from the Leaves of *Glycosmis pentaphylla* (Retz.) A. DC.: Chemical and in silico Studies. *Asian Journal of Chemistry*; 31, 6 (2019), 1260-1264.
10. Mohammad Anwarul Karim, md khalid hossain, **Md Abdullah Al-Mansur**, Md Shafiullah Shajib and Mohammad A Rashid : isolation of zizyberenalic acid and biological studies of *ziziphus mauritiana* lam. growing in bangladesh. *Bangladesh J. Bot.* 48(1): 163-168, 2019.
11. Tahia, F., Sikder, M. A. A., **Al-Mansur, M. A.**, & Rashid, M. A. (2019). Bioactivities of *Adina cordifolia* (Roxb.) Hook. f.-growing in Bangladesh. *Bangladesh Journal of Botany*, 48(2), 307-313.

12. Aziz, F., **Al-Mansur, M. A.**, Hasan, C. M., & **Ahsan, M.** Phytochemical Investigation and in vitro Bioactivity Analysis of Lindenbergia Indica. *British Journal of Medical and Health Research*, 6(8): 2394-2967, 2019.
13. Islam, S., Shajib, M., Rashid, R. B., Khan, M. F., **Al-Mansur, M.**, Datta, B. K., & Rashid, M. A. (2019). Antinociceptive activities of Artocarpus lacucha Buch-ham (Moraceae) and its isolated phenolic compound, catechin, in mice. *BMC complementary and alternative medicine*, 19(1), 1-13.
14. Islam, M., Akber, M., Limon, S. H., & **Akbor, M.** (2019). Characterization of solid biofuel produced from banana stalk via hydrothermal carbonization. *Biomass Conversion and Biorefinery*, 9(4), 651-658.
15. Mohammad Majedul Haque, Md. Rashed Hasan, **Shakila Akter**, Md. Khabir Uddin Sarker, Shamima Akther Eti and Shahin Sultana: Phytochemical Screening, Proximate Composition and Heavy Metals of Camellia Sinensis Leaves. *International Journal of Advanced Research (IJAR)*, Vol. 7(7), pp. 195-201, 2019.
16. Jahan, M. S., Al-Maruf, A., **Ahsan, M. A.**, & Mun, S. P. (2019). Characterisation of lignin extracted from six mangrove species grown in Bangladesh. *Cellulose Chemistry and Technology*, 53(1-2), 63-70.
17. Hasina Begum Bina , SM Mizanur Rahman , Anath Chandra Roy , Tofail Ahmad Chowdhury , Md. Hasanur Rahman , **Abdullah Al-Mansur** , Md. Eyazul Haque.: Phytochemical Constituents of *Pleurotus ostreatus*. *International Journal of Advanced Chemistry Research*, 1 (2):14-16, 2019.

Number of publications in 2018: 17

*Corresponding Author.

1. Md. Musfiqur Rahman, Han Sol Lee, A.M. Abd El-Aty, **Md. HumayunKabir**, Hyung Suk Chung, Mi-Ra Kim, Ji Hyun Kim , Ho-Chul Shin , Jae-Han Shim (2018). Determination of endrin and δ -ketoendrin in five food products of animal origin using GC- μ ECD: A modified QuEChERS approach to traditional detection. *Food Chemistry*. 263. 59-66.
2. **Md. HumayunKabir**, A.M. Abd El-Aty, Md. Musfiqur Rahman, Hyung Suk Chung, Han Sol Lee, Jing Wang, Hee-Ra Chang, Ho-Chul Shin, Sung Shik Shin, Jae-Han Shim (2018). Dissipation kinetics, pre-harvest residue limits, and dietary risk assessment of the systemic fungicide metalaxyl in Swiss chard grown under greenhouse conditions. *Regulatory Toxicology and Pharnmacology*. 92 (201-206).
3. Md. Musfiqur Rahman, A. M. Abd El-Aty, **Md. Humayun Kabir**, Hyung Suk Chang, Han Sol Lee, FazilHacmuftuoglu, Ji HoonJeong, Byung-Joon Chang, Ho-Chul Shin, Jae-Han Shim. (2018). A quic and effective methodology for analyzing dinotefuran and its highly polar metabolites in plum using liquid chromatography-tandem mass spectrometry. *Food Chemistry*. 239. 1235-1243.
4. Akhter, S., Rony, S. R., **Al-Mansur, M. A.**, Hasan, C. M., Rahman, K. M., & Sohrab, M. (2018). Lawsonol, a new bioactive naphthoquinone dimer from the leaves of *Lawsonia alba*. *Chemistry of Natural Compounds*, 54(1), 26-29.
5. Anath Chandra Roy, Md. Eyazul Haque, Shakila Rahman, **Muhammad Abdullah Al-Mansur** : Piperine and isoflavan-4-one from the stems of *Piper chaba* Hunter and their *in vitro* antimicrobial activities. *Journal of Pharmacognosy and Phytochemistry* 2018; 7(1): 2653-2662.

6. **Muhammad Abdullah Al-Mansur**, M. Mahboob Ali Siddiqi and Koushik Saha : Analgesic, Antidiarrheal and Antidepressant Activities of *Anethum sowa* Linn. in Swiss-Albino Mice Model . *Bangladesh Pharmaceutical Journal* 21(1): 1-6, 2018.
7. **Muhammad Abdullah Al-Mansur** , M. Mahboob Ali Siddiqi and Koushik Saha : Thrombolytic, Membrane Stabilizing and Hypoglycemic Activities of *Anethum sowa* Linn. *Dhaka Univ. J. Pharm. Sco.* 17(2): 237-241, 2018.
8. **Ahsan, M. A., Siddique, M. A. B., Munni, M. A., Akbor, M. A., Bithi, U. H., Mia, M. Y., & SIDDIQUE, M.** (2018). Analysis of major heavy metals in the available fish species of the Dhaleshwari River, Tangail, Bangladesh. *Int J Fish Aquat Stud*, 6(4), 349-354.
9. Dilara Khatun., **M.A. Akbor, M.A Ahsan.**, Laneral Variation of Physicochemical Properties of surface Water around Dhaka Export Processing Zone(DEPZ), Savar, Bangladesh” *Journal of Emerging Technologies and Innovative Research (JETIR)*, 2018, 5 (11):661-692.
10. **Ahsan, M. A., Siddique, M. A. B., Munni, M. A., Akbor, M. A., Akter, S., & Mia, M. Y.** (2018). Analysis of physicochemical parameters, anions and major heavy metals of the Dhaleshwari River water, Tangail, Bangladesh. *American Journal of Environmental Protection*, 7(2), 29-39.
11. Ratul, A. K., Hassan, M., Uddin, M. K., Sultana, M. S., Akbor, M. A., & Ahsan, M. A. (2018). Potential health risk of heavy metals accumulation in vegetables irrigated with polluted river water. *International food research journal*, 25(1) 362-380.
12. **Sabina Yasmin**, S. Cho, S. Jeon, Electrochemically reduced graphene-oxide supported bimetallic nanoparticles highly efficient for Oxygen Reduction Reaction with excellent methanol tolerance. *Applied Surface Science* 434 (2018) 905-912. **I.F=6.70**

13. M. Mostafa., **S. Ahmed** and AJ Afloyan (2018). Antioxidant activity of *Clematis brachiata* Thunb. leaf. *Bangladesh J. Sci. and Ind. Res.* 53(3), 185-192.
14. Abukawsar, M. M., Saleh-e-In, M. M., Ahsan, M. A., Rahim, M. M., Bhuiyan, M. N. H., Roy, S. K., ... & Naher, S. (2018). Chemical, pharmacological and nutritional quality assessment of black pepper (*Piper nigrum* L.) seed cultivars. *Journal of Food Biochemistry*, 42(6), e12590.
15. J. B. Islam, **S. Akter**, A. C. Bhowmick, M. N. Uddin and M. Sarkar: Hydro-environmental pollution of Turag River in Bangladesh. *Bangladesh Journal of Scientific and Industrial Research (BJSIR)*, Vol. 53(3), pp. 161-168, 2018.
16. Hossain, Z. Z., Leekitcharoenphon, P., Dalsgaard, A., **Sultana, R.**, Begum, A., Jensen, P. K. M., & Hendriksen, R. S. (2018). Comparative genomics of *Vibrio cholerae* O1 isolated from cholera patients in Bangladesh. *Letters in applied microbiology*, 67(4), 329-336.
17. **Sultana, R.**, Sarkar, P. C., Khan, J., & Datta, S. (2018). Prevalence of multi-drug resistance pattern of *Escherichia coli* in different ages and gender of urinary tract infected patients. *MRJI*, 24(2), 1-10.

Number of publications in 2017: 31

*Corresponding Author.

1. **Kabir, M. H.**, Abd El-Aty, A. M., Rahman, M. M., Chung, H. S., Lee, H. S., Kim, S. W., & Shim, J. H. (2018). Chromatographic determination, decline dynamic and risk assessment of sulfoxaflo in Asian pear and oriental melon. *Biomedical Chromatography*, 32(3), e4101.
2. **Kabir, M. H.**, Abd El-Aty, A. M., Rahman, M. M., Kim, S. W., Choi, J. H., Lee, Y. J., ... & Shim, J. H. (2017). The disappearance rate and risk assessment of thiacloprid residues in Asian pear using liquid chromatography confirmed with tandem mass spectrometry. *Biomedical Chromatography*, 31(5), e3861.
3. **Md. Humayun Kabir**, A.M.Abd El-Aty, Sung-Woo Kim, Md.Musfiqur Rahman, Hyung Suk Chung, Han Sol Lee, Ho-Chul Shin, Jae Han Shim (2017). Decline pattern and risk assessment of cyenopyrafen in different varieties of Asian pear using liquid chromatography and tandem mass spectrometry. *Food Science and Biotechnology*, 26(2), 537-543.
4. Md. Musfiqur Rahman, A. M. Abd El-Aty, Tae-Woong Na, Joon-Seong Park, **Md. Humayun Kabir**, Hyung Suk Chung, Han Sol Lee, Ho-Chul Shin, Jae-Han Shim. (2017) Simultaneous quantification of methiocarb and its metabolites, methiocarb sulfoxide and methiocarb sulfone, in five food products of animal origin using tandem mass spectrometry. *Journal of Chromatography B*. 1060. 387-394.
5. Hyung Suk Chung , Young-Jun Lee , Md. Mufiqur Rahman , A.M. Abd El-Aty, Han Sol Lee, **Md. Humayun Kabir**, SungWoo Kim, Byung-Jun Park, Jang-EokKim, FazilHacımuftüoğlu , NilufarNahar, Ho-Chul Shin , Jae-Han Shim (2017) Uptake of the veterinary antibiotics chlortetracycline, enrofloxacin, and sulphathiazole from soil by radish. *Science of the Total Environment*. 605–606, 322–331

6. Hyung Suk Chung, **Md. Humayun Kabir**, A.M. Abd El-Aty, Han Sol Lee, Md. Musfiqur Rahman, Byung-Joon Chang, Ho-Chul Shin, Jae-Han Shim (2017) Dissipation kinetics and pre-harvest residue limit of pyriofenone in oriental melon (*Cucumismelo* Var. *makuwa*)grown under regulated climatic conditions. *Biomedical Chromatography*. e3965.
7. Hyung Suk Chung, Young Jun Lee, Han Sol Lee, Md. Musfiqur Rahman, **Md. Humayun Kabir**, Byung-Jun Park, Jang-Eok Kim, Jae Han Shim (2017). Development of simultaneous analytical method of veterinary antibiotics in manure using liquid chromatography coupled with tandem mass spectrometry. *Korean Journal of Environmental Agriculture*. 36(3), 201-210.
8. Kim, I. K., Kim, S. W., AM, A. E. A., Rahman, M., **Kabir, M.**, Lee, H. S., .& Shim, J. H. (2017). Decline patterns and risk assessment of 10 multi-class pesticides in young sprout amaranth (*Amaranthus mangostanus*) under greenhouse growing conditions. *Environmental Science and Pollution Research*, 24(32), 24880-24895.
9. Farha, W., Abd El-Aty, A. M., Rahman, M. M., **Kabir, M. H.**, Chung, H. S., Lee, H. S., ... & Shim, J. H. (2018). Dynamic residual pattern of azoxystrobin in Swiss chard with contribution to safety evaluation. *Biomedical Chromatography*, 32(2), e4092.
10. **Kabir, M. H.**, Abd El-Aty, A. M., Rahman, M. M., Chung, H. S., Lee, H. S., Kim, M. R., ... & Shim, J. H. (2018). Residual dynamic and risk assessment of dimethomorph in Swiss chard grown at two different sites. *Biomedical Chromatography*, 32(2), e4053.
11. Md. Humayun Kabir, A.M. Abd El-Aty, Md.Musfiqur Rahman, HyungSukchung, Han Sol Lee, Sun-Hyang Park, FazilHacumuftuoglu, Byung-Joon Chang, Ho-Chul Shin, Jae-Han Shim. (2017) Dissipation pattern and risk quotients assessment of amisulbrom in Korean melon cultivated in plastic house conditions. *Environmental Monitoring and Assessment*. 189:302.

12. Hyung Suk Chung, A. M. Abd El-Aty, Sung-Woo Kim, Han Sol Lee, Md. Musfiqur Rahman, **Md. Humayun Kabir**, Ho-Chul Shin, Jae-Han Shim (2017) Simultaneous determination of sulfoxaflor and its metabolites, X11719474 and X11721061, in brown rice and rice straw after field application using LC-MS/MS. *International Journal of Environmental Analytical Chemistry*, 97. 2, 99–111.
13. Sung-Woo Kim, Md. Musfiqur Rahman, A.M. Abd el-Aty, **Md. Humayun Kabir**, Tae Woong Na, Jeong-Heui Choi, Ho-Chul Shin, Jae-Han Shim (2017) Simultaneous detection of sulfoxaflor and its metabolites, X11719474 and X11721061, in lettuce using a modified QuEChERS extraction method and liquid chromatography-tandem mass spectrometry: Residue analysis of sulfoxaflor and its metabolites in lettuce. *Biomedical Chromatography*. e3885.
14. Han Sol Lee, Sung-Woo Kim, A.M. Abd El-Aty, Hyung Suk Chung, **Md. Humayun Kabir**, Md. Musfiqur Rahman, Ji HoonJeong, Byung-Joon Chang, Ho-Chul Shin, Jae-Han Shim (2017) Liquid chromatography–tandem mass spectrometry quantification of acetamiprid and thiacloprid residues in butterbur grown under regulated conditions. *Journal of Chromatography B*. 1056. 172-177.
15. **Md. Humayun Kabir**, A.M. Abd El-Aty, Md. Musfiqur Rahman, Sung-Woo Kim, Han Sol Lee, Hyung Suk Chung, Jung Ah Do, Ji HoonJeong, Byung-Joon Chang, Moon Ik Chang, Ho-Chul Shin, Jae-Han Shim (2017). Dissipation kinetics, pre-harvest residue limits, and hazard quotient assessments of pesticides flubendiamide and fluopicolide in Korean melon (*Cucumis melo* L. var. *makuwa*) grown under regulated conditions in plastic greenhouses. *Environ Sci Pollut Res* 24; 22241-22250.
16. **Md. Humayun Kabir**, Md. Musfiqur Rahman, A.M. Abd El-Aty, Hyung Suk Chung, Han Sol Lee, Sun Hyang Park, Fazil Hacumifuoglu, Byung-joon Chang, Ho-Chul Shin, Jae-Han Shim (2017). Residue analysis of picoxystrobin in oriental melon using gas chromatography coupled with electron capture detection and mass spectrometric

confirmation: application to dissipation kinetics and risk assessment. *Food Science and Biotechnology*, 26(4), 1145-1153.

17. Syed Md Akram Hussain, Md Hossain Sohrab, Abu Kholdun Al-Mahmood, Md Shuayb, **Muhammad Abdullah Al-Mansur** and Choudhury Mahmood Hasan : Clinical use of *Carica papaya* leaf extract in chemotherapy induced thrombocytopenia; *Int J Clin Exp Med*, 2017;10(2):3752-3756.
18. Khan, Z. R., Moni, F., **Sharmin, S., Al-Mansur, M. A.**, Gafur, A., Rahman, O., & Afroz, F. (2017). Isolation of bulk amount of piperine as active pharmaceutical ingredient (API) from black pepper and white pepper (*Piper nigrum* L.). *Pharmacology & Pharmacy*, 8(7), 253-262.
19. **Muhammad Abdullah Al-Mansur**, M. Mahboob Ali Siddiqi, **Md. Ahedul Akbor** and Koushik Saha : Phytochemical Screening and GC-MS Chemical Profiling of Ethyl Acetate Extract of Seed and Stem of *Anethum sowa* Linn. *Dhaka Univ. J. Pharm. Sci.* 16(2): 187-194, 2017.
20. Mohammed Ibrahim, Md. Ruhul Kuddus, Md. Aslam Hossain, **Muhammad Abdullah Al-Mansur** and Mohammad A. Rashid : Preliminary Phytochemical Screenings and Pharmacological Activities of Three Medicinal Plants of Bangladesh. *Dhaka Univ. J. Pharm. Sci.* 16(2): 195-203, 2017.
21. Akhtaruzzaman Chowdhury, Md. Ashraful Alam, Md. Shafiullah Shajib, **Muhammad Abdullah Al-Mansur** and Mohammad A. Rashid : Chemical Constituents and Protection of Biodiversity of *Corypha taliera* Roxb., a Critically Endangered Plant of Bangladesh. *Bangladesh Pharmaceutical Journal* 20(2) : 213-220, 2017.
22. Akbor, M. A., Uddin, M. K., & Ahsan, M. A. (2017). Investigation of water quality parameters at different points in the Buriganga river, Bangladesh. *Journal of Environmental Science and Natural Resources*, 10(1), 75-80.

23. **Sabina Yasmin**, M.S. Ahmed, S. Jeon, A noble silver nanoflower on nitrogen doped carbon nanotube for enhanced oxygen reduction reaction. *International Journal of Hydrogen Energy*, 42 (2017) 1075-1084. **I.F=5.816**
24. **Sabina Yasmin**, Y. Joo, S. Jeon, 2,3-diaminopyridine functionalized reduced graphene oxide-supported palladium nanoparticles with high activity for electrocatalytic oxygen reduction reaction. *Applied Surface Science* 406 (2017) 226–234. **I.F=6.70**
25. Rexona Khanom, Mohammad Anwar Arfien Khan, Abdul Gafur, **Shakila Akter**, **Shamim Ahmed**, **Mohammad Shahjahan**, Mohammad Raqibul Qadir: Synthesis of SnO₂ Nanopowders for Advanced Ceramics and Electronic Sensor Transducer Devices and Characterization and Band Gap. *Nanoscience and Nanometrology*, Vol. 3(1), pp. 12-19, 2017.
26. Saleh-e-In, M. M., **Sultana, N.**, Rahim, M. M., **Ahsan, M. A.**, Bhuiyan, M. N. H., Hossain, M. N., & Islam, M. R. (2017). Chemical composition and pharmacological significance of Anethum Sowa L. Root. *BMC complementary and alternative medicine*, 17(1), 1-17.
27. Aziz, S., Saha, K., **Sultana, N.**, Nur, H. P., **Ahsan, M. A.**, **Ahmed, S.**, & Hossain, M. K. (2016). Comparative studies of elemental composition in leaves and flowers of *Catharanthus roseus* growing in Bangladesh. *Asian Pacific Journal of Tropical Biomedicine*, 6(1), 50-54.
28. M Sarower Jahan., M Azharul Islam., M Mostafizur Rahman., Jannatun Nayeem., **Shamim Ahmed** and M.A Quaiyyum. Stem and hot water prehydrolysis of bamboo and its effect residual lignin structure and pulping. *Cellulose Chem. Technol.* 51 (5-6), 455-463.
29. Uddin MN., Majumder AK., **Ahmed S.**, Saha BK and Motalab M (2017). Development of Method for Rapid Quantification of Glucose, Fructose and Sucrose in Mango Juice by Chemometric Techniques in De-noised FTIR Spectroscopic Data. *Int. J of Food Sci Nutr Diet. (IJFS)* 6 (1), 338-344.

30. M.N. Uddin., A.K. Majumder., **S. Ahmed.**, B.K. Saha and B. Mumtaz. Chemometrics assisted method for classification of mango juice by FTIR spectroscopic data. *Bangladesh J. Sci. and Ind. Res.* 52(2), 73-80.
31. Tanvir Rahman, M. A., Saadat, A. H. M., Islam, M., **Al-Mansur, M., & Ahmed, S.** (2017). Groundwater characterization and selection of suitable water type for irrigation in the western region of Bangladesh. *Applied Water Science*, 7(1), 233-243.

Number of publications in 2016: 27

1. **Kabir, M. H.**, Abd El-Aty, A. M., Kim, S. W., Lee, H. S., Rahman, M. M., Lee, Y. J., ... & Shim, J. H. (2016). Residual determination and risk assessment of buprofezin in plum (*Prunus domestica*) grown in open-field conditions following the application of three different formulations. *Biomedical Chromatography*, 30(11), 1721-1727.
2. Truong, L. T., Kim, S. W., Abd El-Aty, A. M., **Kabir, H.**, Rahman, M., Choi, J. H., & Shim, J. H. (2016). Various extraction methods for detection of bistrifluron residues in Asian pear using high-performance liquid chromatography: Application to dissipation patterns under open-field conditions. *Biomedical Chromatography*, 30(10), 1535-1540.
3. Da-I Jung, WazihaFarha, A.M. Abd El-Aty, Sung-Woo Kim, Md. Musfiqur Rahman, Jeong-Heui Choi, **Md. Humayun Kabir**, So JeongIm, Young-Jun Lee, Lieu. T.B. Truong, Ho-Chul Shin, Geon-Jae Im, Jae-Han Shim. (2016) Effect of light shading and climatic conditions on the metabolic behavior of flonicamid in red bell pepper. *Environmental Monitoring and Assessment*. 188, 144-152.
4. WazihaFarha, Md. Musfiqur Rahman, A.M. Abd El-Aty, Sung-Woo Kim, Da-I Jung, So JeongIm, Jeong-Heui Choi, **Md. Humayun Kabir**, Kang-Bong Lee, Ho-Chul Shin, Jae-Han Shim. (2016) Analysis of mandipropamid residual levels through systematic method

optimization against the matrix complexity of sesame leaves using HPLC/UVD. *Biomedical Chromatography*. 30(7), 990-995.

5. **Humayun Kabir, M.**, AM, A. E. A., Im, S. J., Rahman, M., Kim, S. W., Farha, W., ... & Shim, J. H. (2016). Determination of residual levels of metrafenone in lettuce grown under greenhouse conditions using gas chromatography with a micro-electron capture detector. *Applied Biological Chemistry*, 59(1), 43-49.
6. **Al-Mansur, M. A.**, Saha, K., **Sultana, N.**, & **Siddiqi, M. M. A.** (2016). Comparative studies on cytotoxic, antibacterial and antioxidant activity among different extracts of seed and stem of *Anethum sowa* L. available in Bangladesh. *World Journal of Pharmaceutical Research*, 5(4), 1-10.
7. Farhana Ahmed, Mohammad Sharifur Rahman, **Muhammad Abdullah Al-Mansur** and Mohammad A. Rashid: Triterpenoids and Steroid from the Leaves of *Callistemon citrinus* (Curtis.). Dhaka Univ. J. Pharm. Sci. 15(1): 1-5, 2016.
8. Nargis Sultana Chowdhury, Md Sohel Rana, Md Hossain Sohrab, Choudhury Mahmood Hasan, **Muhammad Abdullah Al-Mansur** and Nazia Hoque : Bioactive metabolites from two aquatic plants of Bangladesh and their associated endophytic fungi. *J Pharma Care Health Sys* 2016, 3 (2): 90.
9. Md. Mubarak Hossain, Faiza Tahia, **Md. Abdullah Al-Mansur** and Mohammad A. Rashid: 7-Methoxy-8-Prenylated Coumarins from *Murraya koenigii* (Linn.) Spreng. Dhaka Univ. J. Pharm. Sci. 15(2): 155-159, 2016.
10. Adeeba Anjum, Md. Zakir Sultan, Md. Al Amin Sikder, Choudhury M. Hasan, **Muhammad Abdullah Al-Mansur** and Mohammad A. Rashid: Bioactive Steroid and Triterpenoids from *Bridelia stipularis* (L) Blume. Dhaka Univ. J. Pharm. Sci. 15(2): 221-225, 2016.
11. M.I.Manirul, R. Begum, **M.A.Akbor**, H.Mehrajand A.F.M.JamalUddin “Arsenic Accumulation by Rice from Different Concentration of Arsenic Contaminated Soil” world Applied Sciences Journal, 34(1):84-88, 2016.

12. M. A. Akbor, M. A. Ahsan “Synthesis, Coordination and structure of Mixed Ligand Copper (II) Complexes of Di-carboxylic as primary and Heterocyclic bases as Secondary Ligands” International journal of Applied research, 4(2).
13. Ahmed, F., Hossain, M. S., Abdullah, A. T., **Akbor, M. A., & Ahsan, M. A.** (2016). Public health risk assessment of chromium intake from vegetable grown in the wastewater irrigated site in Bangladesh. *Pollution*, 2(4), 425-432. doi: 10.7508/pj.2016.04.005
14. **Sabina Yasmin**, M.S. Ahmed, D. Park S. Jeon, Nitrogen-Doped Graphene-Supported Cobalt Oxide for Sensitive Determination of Dopamine in Presence of High-Level Ascorbic Acid *Journal of The Electrochemical Society*, 163 (2016) B491-B498. **I.F=4.315**
15. **Sabina Yasmin**, M.S. Ahmed, S. Jeon, Nitrogen-Doped Graphene-Supported Cobalt Oxide Nanocomposite as High-Performance Electrocatalyst for Oxygen Reduction Reaction. *Journal of Nanoscience and Nanotechnology*. 16 (2016) 1–8, **I.F=1.5**
16. Disha, Jinat; Begum, Most, Shawan; Mohammad; Khatun, Nazia; **Ahmed, Shamim**, Islam, Muhammad; Karim, Md; Islam, Md; Hossain, Md; Hasan, Md. Ashraful. (2016). Preparation and Characterization of Xanthan Gum-based Biodegradable Polysaccharide Hydrogels. *Research Journal of Material Sciences* 4(4), 13-18.
17. Salehd Ahmed., Md. Mostafizur Rahman., Ashikur Rahman Rabbi., Md. Kausar Ahmed., S.M Saiful Islam., Muhammad Younus., Bimal Bhusan Chakraborty., **Shamim Ahmed.**, and Nasim Sultana. Synthesis, Characterization and liquid crystalline properties of a series hydroxybiphenyl benzoate and biphenyl bis (benzoate). *Journal of Molecular liquids* 224 (2016), 265-273.

18. Aziz, S., Saha, K., Sultana, N., Nur, H. P., Ahsan, M. A., Ahmed, S., & Hossain, M. K. (2016). Comparative studies of elemental composition in leaves and flowers of *Catharanthus roseus* growing in Bangladesh. *Asian Pacific Journal of Tropical Biomedicine*, 6(1), 50-54.
19. Md. Younus Mia, Md. Raisul Islam, Nurany Sadia, Rezuana Afrin and **Shakila Akter**: Assessment of Water quality parameters of the Bhairab River: a case study on Shaikh Akij and Family (SAF) Leather Industry, Abhaynagar, Jessore, Bangladesh, *Journal of SUB*, Vol. 6, pp. 64-77, 2016.
20. Md. Younus Mia, Md. Imran Sarkar, Khodeza Khatun, Rezuana Afrin, **Shakila Akter** and Ashraful Azam Khan: Nutrients and Pollutants removed efficiency of Phytoremediation process using Lettuce (*Pistia stratiotes*) and Water Hyacinth (*Eichhornia crassipes*), *SUB Journal of Sustainable Environment and Development*, Vol. 1, pp. 41-50, 2016.
21. M. Sarkar, J.B. Islam, **S. Akter**: Pollution and ecological risk assessment for the environmentally impacted Turag River, Bangladesh. *J. Mater. Environ. Sci.*, Vol. 7(7), pp. 2295-2304, 2016.
22. Zaman, M., **Sultana, N.**, Husain, M., & Naser, M. N. (2016). Pesticide residue in fishes from Rangpur. *Bangladesh Journal of Zoology*, 44(1), 1-8.
23. Saleh-e-In, M. M., **Sultana, N.**, Hossain, M. N., Hasan, S., & Islam, M. R. (2016). Pharmacological effects of the phytochemicals of *Anethum sowa* L. root extracts. *BMC complementary and alternative medicine*, 16(1), 1-14.
24. Hanssen, B. L., **Siraj, S.**, & Wong, D. K. (2016). Recent strategies to minimise fouling in electrochemical detection systems. *Reviews in Analytical Chemistry*, 35(1), 1-28.

25. **Siraj, S.**, McRae, C. R., & Wong, D. K. (2016). Effective activation of physically small carbon electrodes by n-butylsilane reduction. *Electrochemistry Communications*, *64*, 35-41.
26. Aziz, S., Nur, H. P., **Ahmed, S., Ahsan, A., & Bakar, A.** (2016). Proximate and Mineral Compositions of Leaves and Seeds of Bangladeshi Bombax ceiba Linn. *World Journal of Pharmaceutical Research*, *5*(7), 1-13.
27. Im, S. J., Rahman, M. M., Abd El-Aty, A. M., Kim, S. W., **Kabir, H.**, Farha, W., & Shim, J. H. (2016). Simultaneous detection of fluquinconazole and flusilazole in lettuce using gas chromatography with a nitrogen phosphorus detector: decline patterns at two different locations. *Biomedical Chromatography*, *30*(6), 946-952.

Number of publications in 2015: 13

1. Farha, W., Rahman, M. M., Abd El-Aty, A. M., Jung, D. I., Kabir, M. H., Choi, J. H., ... & Shim, J. H. (2015). A combination of solid-phase extraction and dispersive solid-phase extraction effectively reduces the matrix interference in liquid chromatography–ultraviolet detection during pyraclostrobin analysis in perilla leaves. *Biomedical Chromatography*, *29*(12), 1932-1936.
2. Rahman, M. M., Farha, W., Abd El-Aty, A. M., **Kabir, M. H.**, Im, S. J., Jung, D. I., ... & Shim, J. H. (2015). Dynamic behaviour and residual pattern of thiamethoxam and its metabolite clothianidin in Swiss chard using liquid chromatography–tandem mass spectrometry. *Food Chemistry*, *174*, 248-255.
3. Aziz, S., Saha, K., **Sultana, N.**, Ahmed, N. U., **Amin, R.**, & **Al-Mansur, A.** (2015). Comparative studies on proximate analysis and amino acid composition of leaf and flower proteins conducted on medicinal plant, Catharanthus Roseus: available in Bangladesh. *World J Pharm Res*, *4*(11), 296-309.

4. Faiza Tahia, Md. Al Amin Sikder, Mohammad Rashedul Haque, Jamil A. Shilpi, Khalijah Awang, **Md. Abdullah Al-Mansur** and Mohammad A. Rashid: Alkaloids, Coumarin and Cinnamic Acid Derivative from *Murraya Koenigii* (Linn.) Spreng. Dhaka Univ. J. Pharm. Sci. 14(1): 29-33, 2015.
5. Afrin, R., Mia, M. Y., **Ahsan, M. A., & Akbor, A.** (2015). Concentration of Heavy Metals in Available Fish Species (Bain, Mastacembelus armatus; Taki, Channa punctatus and Bele, Glossogobius giuris) in the Turag River, Bangladesh: Heavy Metal Concentration in Bangladesh Fish. *Biological Sciences-PJSIR*, 58(2), 104-110.
6. Hossain, M. S., Ahmed, F., Abdullah, A. T. M., **Akbor, M. A., & Ahsan, M. A.** (2015). Public health risk assessment of heavy metal uptake by vegetables grown at a waste-water-irrigated site in Dhaka, Bangladesh. *Journal of Health and Pollution*, 5(9), 78-85.
7. Afrin, R., Mia, M. Y., **Ahsan, M. A., Akbor, M. A., & Akter, S.** (2015). Status of water pollution in respect of physicochemical parameters and anions in the Turag river of Bangladesh. *Bangladesh Journal of Environmental Science*, 28, 113-118.
8. **Sabina Yasmin**, M.S. Ahmed, S. Jeon, Determination of Dopamine by Dual Doped Graphene-Fe₂O₃ in Presence of Ascorbic Acid, Journal of The Electrochemical Society, 162 (14) (2015) B363-B369. **I.F=4.315**
9. Rhaman, M. T., Haque, M. A., Rouf, **M. A., Siddique, M. A. B.** and Islam, M. S. (2015). Preparation and characterization of activated carbon & amorphous silica from rice husk. *Bangladesh Journal of Scientific and Industrial Research*, 50(4), 263-270.
10. Shahin Aziz., Kousik Saha., Nasim Sultana., Husna Parveen Nur., Mala Khan and **Shamim Ahmed**. Comparative Studies on the fatty acid composition of petroleum ether extract of leaves and flowers of Catharanthus roseus available in Bangladesh by GC-MS analysis. *Int. J. Chem Sci.*: 13(2), 2015, 955-962.
11. Saha, A., Tasnim, J., Ahmed, S., Muslim, T., Rahman, M. A., & **Sultana, N.** (2015). **ANTIMICROBIAL, CYTOTOXICITY, FREE RADICAL SCAVENGING**

ACTIVITIES AND COMPOUNDS ISOLATED FROM THE ROOTS OF HEMIDESMUS INDICUS (LINN.) R. BR. *International Journal of Pharmaceutical Sciences and Research*, 6(1), 117-122.

12. Aziz, S., Saha, K., **Sultana, N.**, Khan, M., Nada, K., & Afroze, M. (2015). Comparative studies of volatile components of the essential oil of leaves and flowers of *Catharanthus roseus* growing in bangladesh by GC-MS analysis. *Indian Journal of Pharmaceutical and Biological Research*, 3(1), 6.
13. Rahman, S. H., Yesmin, R. A., Islam, S. N., **Siraj, S.**, Adyel, T. M., & Ahmed, M. S. (2015). Removal of Lead from Battery Effluent by Electrocoagulation. *Journal of Bangladesh Academy of Sciences*, 39(2), 125-134.

Number of publications in 2014: 16

1. Uddin, M. N., Salam, M. A., Chowdhury, D. A., & **Siddique, M. A. B.** (2014). Binuclear Tetrahedral Dimeric Mg (II) Complexes of Dibasic Tridentate Schiff Base Ligands and Their Microbial Studies. *Chiang Mai University Journal of Natural Sciences*, 13(1), 23-35. DOI:10.12982/cmujns.2014.0017
2. Iftekhar Ahmed, Ridwan Islam, Md. Al Amin Sikder, Mohammad Rashedul Haque, **Md. Abdullah Al-Mansur** and Mohammad A. Rashid.: Alkaloid, Sterol and Triterpenoids from *Glycosmis pentaphylla* (Retz.) DC. *Dhaka Univ. J. Pharm. Sci.* 13 (2) : 115-118, 2014.
3. Aziz, S., Saha, K., **Sultana, N.**, **Ahmed, S.**, & **Al-Mansur, A.** (2014). Phytochemical and elemental screening on leaves and flowers of *Catharanthus roseus*: an important medicinal plant of Bangladesh. *International Journal of Chemical Sciences*, 12(4), 1328-1336.

4. Ridwan Islam, Iftekhar Ahmed, Al Amin Sikder, Mohammad Rashedul Haque, **Abdullah Al-Mansur**, Mansoor Ahmed, Aunawar Rasheed and Mohammad A. Rashid. : Chemical Investigation of *Mesua nagassarium* (Burm. f.) Kosterm. *Journal of Basic & Applied Sciences*, 2014, 10, 124-128.
5. Budrun Neher, Md. Abdul Gafur, **Muhammad Abdullah Al-Mansur**, Md. Mahbubur Rahman Bhuiyan, Md. Rakibul Qudir and Farid Ahmed. : Investigation of the Surface Morphology and Structural Characterization of Palm Fiber Reinforced Acrylonitrile Butadiene Styrene (PF-ABS) Composites. *Materials Sciences and Applications*, 2014, 5, 378-386.
6. Hemayet Hossain, **Abdullah Al-Mansur**, Sanjida Akter, Umme Sara, Md. Ranzu Ahmed and Abu Anis Jahangir. : Evaluation of Anti-inflammatory activity and Total Tannin content from the leaves of *Bacopa monnieri* (Linn.). *IJPSR*, 2014, 5 (4) : 1246-1252.
7. Hossain, F., Afrin, R., Mia, M. Y., **Akbor, M. A., & Ahsan, M. A.** (2014). Investigation of chemical parameters and major anions of two selected aquaculture ponds at Santosh Region, Tangail, Bangladesh. *Journal of Environmental Science and Natural Resources*, 7(2), 89-92.
8. Hossain, F; Afrin, Rezuana, Mia, Md; **Akbor, Md.Ahedul; Ahsan, Md.** (2015). “Investigation of heavy metals in pond water,cultured fishes and used fish feed samples of two selected ponds at santosh, Tangail, Bangladesh” *Bangladesh J. Environ. Sci.*, 27, 37-42, 2014.
9. S.Akter.,M.A.Akbor, S Ahmes. (2014) “Seasonal variation of some physicochemical properties of river water around Dhaka City”. *Jahangirnagar University Journal of Science* , 36 (2):93-104, 2014.
10. Tasnim, J., Saha, A., **Ahmed, S., Sultana, N.**, Muslim, T., & Rahman, M. A. (2014). Biological studies of the bark of *Albizia lebeck* (L.) Benth. *International Journal of Pharmaceutical Sciences and Research*, 5(11), 4969.

11. Urmella Sarker., Md. Aminul Haque., **Shamim Ahmed**, Antibacterial, Antioxidant and Cytotoxic activity of the bark of endophyte of Terminalia Bellirica. Jagannath University of Journal of Sciences., 3(1), 97-104, 2014.
12. Chowdhury, M. Z. A., Siddique, Z. A., Hossain, S. A., Kazi, M. A. I., & **Ahsan, M. A.** Determination of trace and toxic metals in pulses, spices and sauces. National University Journal of Science 1 (2), 2014.
13. Mazumder, Q. H., Jahan, C. S., Mazumder, F., Islam, M. A., Jaman, S., Ali, M. N., & **Ahasan, A.** (2014). Geoelectric model and hydrochemistry of salinity affected lower Atrai floodplain aquifer, NW Bangladesh: An approach for irrigation management. *Journal of the Geological Society of India*, 84(4), 431-441.
14. R. Afrin, M. Y. Mia, **S. Akter**: Investigation of Heavy Metals (Pb, Cd, Cr, Cu, Hg and Fe) of the Turag River in Bangladesh. *J. Environ. Sci. & Natural Resources*, 7(2): 133-136, 2014.
15. Aziza, S., Saha, K., **Sultana, N.**, Ahmed, N. U., & Parveen, S. (2014). Comparative studies on cytotoxic, antibacterial and free radical scavenging activity among different extracts of leaves and flowers of Catharanthus roseus available in Bangladesh. *INTERNATIONAL JOURNAL OF PHARMACEUTICAL AND PHYTOPHARMACOLOGICAL RESEARCH*, 4(3), 169-172.
16. **Rashid, M. M.**, Fakruddin, M., Mazumdar, R. M., Fatema, K., & Chowdhury, M. A. (2014). Anti-bacterial activity of pigments isolated from pigment-forming soil bacteria. *British Journal of Pharmaceutical Research*, 4(8), 880-894.

Number of publications in 2013: 14

1. **H. Kabir**, F. Nigar , S. Ahmed, S. F. Kabir, A.I. Mustafa, M.Ahsan. Fluoride doped bioceramic from egg shell: A promising biomaterial for bone tissue engineering. Trends Biomater Artif Organs. 27 (4) 182-184(2013)
2. Mst. Taslima Khatun, M. Mahboob Ali Siddiqi, **Al-Mansur M.A.**, M. H. Sohrab, A.F.M. Mustafizur Rahman, Choudhury M. Hasan and A.M. Sarwaruddin Chowdhury.: New Diarylheptanoid from *Garuga pinnata* Roxb. Dhaka Univ. J. Sci. 61 (2): 131-134, 2013 (July).
3. Taslima Akter, M. Mahboob Ali Siddiqi, **Al-Mansur M.A.**, M. H. Sohrab, A.M. Sarwaruddin Chowdhury and Choudhury M. Hasan.: Four Compounds Isolated from *Polygonum lanatum* Roxb. Dhaka Univ. J. Sci. 61 (2): 213-214, 2013 (July).
4. Akhtaruzzaman Chowdhury, Md. Ashrafal Alam, Ridwan Bin Rashid, **Muhammad Abdullah Al-Mansur**, Mohammad S. Rahman and Mohammad A. Rashid : Steroids and Triterpenoids from *Corypha taliera* Roxb: A Critically Endangered Palm Species of Bangladesh. Research Journal of Medicinal Plant 7 (2): 125-129, 2013.
5. Sharmin, T., Islam, F., Kaiser, M. A., **Al-Mansur, M. A.**, Sikder, M. A. A., & Rashid, M. A. (2014). Chemical and biological investigations of *Albizia chinensis* (Osbeck.) Merr. *Journal of Physical Science*, 25(2), 29.
6. A J M Tahuran Negar **M.A.Akbor**, Studies on the Technology of arsenic Removal from Arsenic contaminated ground water, Jagannath University Journal of Science, 2 (2), 2013.
7. **Haque, M. M., Ahsan, M. A., Akbor, M. A., Rashid, M. M., & Sultana, N.** (2013). Phytochemical screening of some Bangladeshi medicinal plants. *Bangladesh Journal of Scientific and Industrial Research*, 48(3), 193-196.
8. Hasan, A. B., Kabir, S., Reza, A. S., Zaman, M. N., **Ahsan, M. A., Akbor, M. A., & Rashid, M. M.** (2013). Trace metals pollution in seawater and groundwater in the ship

breaking area of Sitakund Upazilla, Chittagong, Bangladesh. *Marine pollution bulletin*, 71(1-2), 317-324.

9. Momtaz, H., Alam, F., **Ashan, M. A.**, Alam, A. K. M. R., **Sultana, N.**, **Siraj, S.** & **Rashid, M. M.** (2013). Treatment of metal-containing effluents from textile-dyeing industries by aquatic macrophytes to improve surface water treatment systems. *Bangladesh Journal of Scientific and Industrial Research*, 48(2), 89-96.
10. Chowdhury, M. T., Razzaque, M., **Sultana, N.**, Mustafiz, **S.**, **Akter, S.**, & Akter, A. (2013). Chlorinated pesticide residue status in some winter vegetables. *Intl. J. Agric. Crop Sci*, 6(11), 667-675.
11. Nandi, S., Saleh-e-In, M. M., Rahim, M. M., Bhuiyan, M. N. H., **Sultana, N.**, **Ahsan, M. A.**, & Roy, S. K. (2013). Quality composition and biological significance of the Bangladeshi and China ginger (*Zingiber officinale* Rosc.). *Journal of microbiology, biotechnology and food sciences*, 2(5), 2283-2290.
12. Hasan, A. B., Kabir, S., Reza, A. S., Zaman, M. N., **Ahsan, A.**, & **Rashid, M.** (2013). Enrichment factor and geo-accumulation index of trace metals in sediments of the ship breaking area of Sitakund Upazilla (Bhatiary–Kumira), Chittagong, Bangladesh. *Journal of Geochemical Exploration*, 125, 130-137.
13. A.J.M Tahuran Neger., **Shamim Ahmed** et al. Studies on the technology of Arsenic Removal from Arsenic Contaminated Ground water. Jagannath University of Journal of Sciences. 2 (2), 97-106, 2013.
14. Shahjahan, M., Solaiman, A. H. M., **Sultana, N.**, & Kabir, K. (2013). Effect of organic fertilizers and spacing on Growth and Yield of Kalmegh (*Andrographis paniculata* Nees). *International Journal of Agriculture and Crop Sciences*, 6(11), 769.

Number of publications in 2012: 26

1. Shirin A. Jahan, ShahnajParveen, Samina Ahmed, **Humayun Kabir**, Development and characterization of organophilic clay from bentonite, *Materials Science: An Indian Journal*, 8(2),67-72, 2012.
2. Hemayet Hossain, Md. Ruhul amin **Abdullah Al-Mansur**, and Md. Akbor Hossain : Nitric oxide scavenging activity, Total flavonoid and Tannin Content of the leaves of *Cerbera odollam* Gaertn. Journal of Dhaka International University, 4 (1) 93-99, 2012.
3. Hemayet Hossain, A.F.M Shahid-Ud-Daula, Kamrul Hasan, **Abdullah Al-Mansur** and Muhammad Mahbubul Haq : Anti-inflammatory activity, total flavonoids and tannins content from the ethanolic extract of *Spilanthes paniculata* leaf growing in Bangladesh. International Journal of Pharmacy. 2012, 2(2) : 271-277.
4. Md. Musfizur Hassan, A.F.M Shahid-Ud-Daula, Ismet Ara Jahan, Ishrat Nimmi, Tarek Adnan, **Abdullah Al-Mansur** and Hemayet Hossain : Anti-inflammatory Activity, Total Flavonoids and Tannins Content from the Ethanolic Extract of *Ageratum conyzoides* Linn. Leaf. *Int.J.Pharm.Phytopharmacol.Res.* 2012, 1(5): 234-241.
5. Rumzhum, N. N., Sohrab, M. H., **Al-Mansur, M. A.**, Rahman, M. S., Hasan, C. M., & Rashid, M. A. (2012). Secondary metabolites from *Jatropha podagrica* Hook. *J Phys Sci*, 23(1), 29-37.
6. **Shamim Ahmed**, A. Rahman, T. Muslim, M. H. Sohrab, **Md. Ahedul Akbor**, **Shajahan Siraj**, **Nasim Sultana** and **M. A. Al-Mansur**: Antimicrobial, Cytotoxic and Phytochemical Activities of *Spilanthes acmella*. Bangladesh Journal of Scientific and Industrial Research.,47 (4), 737-440, 2012.
7. Hemayet Hossain, **Abdullah Al-Mansur**, Altaf Hossain, Md. Sariful Islam Howlader, Shubhra Kanti Dey, Arpone Hira and Arif Ahmed: In – vitro Antioxidant Activities and Total Phenolic Content of the Ethanolic leaf Extract of *Croton Sparsiflorus* Growing in Bangladesh. International Journal of Advances Drug Delivery, 2 (1-2):1-9, 2012.

8. Rahman, S. H., Khanam, D., Adyel, T. M., Islam, M. S., **Ahsan, M. A., & Akbor, M. A.** (2012). Assessment of heavy metal contamination of agricultural soil around Dhaka Export Processing Zone (DEPZ), Bangladesh: implication of seasonal variation and indices. *Applied sciences*, 2(3), 584-601.
9. Momtaz, H., Alam, F., Ahsan, M. A., Akbor, M. A., & Rashid, M. M. (2012). Surface water quality around DEPZ industrial area, Savar, Dhaka. *Bangladesh Journal of Scientific and Industrial Research*, 47(3), 279-286.
10. Hossain, M. B., Yousuf, M. A., Islam, M. R., Salam, M. A., Rahman, **M. A., & Akbor, M. A.** (2012). Synthesis and characterization of mixed ligand complexes of Co (II) and Fe (III) ions with malic acid and heterocyclic amines. *Bangladesh Pharmaceutical Journal*, 15(2), 177-181.
11. Khanam, D., Rahman, S. H., Islam, M. S., **Ahsan, M. A.,** Shaha, B., **Akbor, M. A., &** Adyel, T. M. (2011). Seasonal implication of heavy metal contamination of surface water around Dhaka Export Processing Zone (DEPZ), savar, bangladesh. *Jahangirnagar Univ. J. Sci*, 34(2), 21-35.
12. S.Akter., **M.A.Akbor, Ahsan, M. A.,** Shaha, B., Determination of Phosphate in various water samples with digestion procedure by UV-Visible spectro-photometry, *Jahangirnagar University Journal of Science*. 33(1): 139-146, 2012.
13. Brazendranath Sarkar., S.M Abu Raihan., **Nasim Sultana.,** Raquibur Rahman., Mohammad Emdadul Islam., **Shamim Ahmed.,** Shakila Akhter. Cytotoxic, Antibacterial and Free radical scavenging activity studies of the solvent extracts of aerial stems of *Equisetum debile roxb.* *Int. J. Chem Sci* 10(1):19-26.

14. Md. Al-Amin., M. Islam., M. Siddique., **N. Sulatana.**, M.M. Haque., **S. Ahmed.**, S.Akter., and A.M. Chowdhury. Neoandrographolide Isolated from the leaves of *Adhatoda vasica*. *Dhaka Uni. J. Sci.* 60(1), 1-3.
15. Rahman, A. K. M. L., Islam, M., Hossain, M. Z., & **Ahsan, M. A.** (2012). Study of the seasonal variations in Turag river water quality parameters. *African Journal of pure and applied Chemistry*, 6(10), 144-148.
16. Sharmin, F., Fakhrudin, A. N. M., Islam, M. S., **Akter, S.**, Aminul, M., **Ahsan, M.**, & Momtaz, H. (2012). Removal of Ammonia and Phosphate Pollution from Fertilizer Factory Effluents using Aquatic Macrophytes. *Bangladesh Journal of Environmental Research*, 10, 59-68.
17. Yasmeen, S., Islam, M. S., **Ahsan, M. A.**, Rahaman, M. H., & Meghla, N. T. (2012). Assessment of water qualities in the Buriganga River of Dhaka city corporation area. *Bangladesh J. Environ. Sci*, 23, 151-158.
18. Mansur Rahman, Ayesha Akhter, Shakila Akter and **Aminul Ahsan**, Chemical analysis of water hyacinth (*Eichhornia crassipes*) based Manure, *Int. J. Sustain. Agril. Tech.* 8(10): 32-34, 2012
19. Md. Jamaluddin ahmed, Md. Khorshed Ali, Muzammel Hossain, **Shajahan siraj** and **Md. Aminul Ahsan**. Determination of trace metals in air of Chittagong city-Bangladesh, *European Journal of Chemistry* 3(4) (2012) 416-420.
20. **Siraj, S.**, Islam, M. M., Das, P. C., Masum, S. M., Jahan, I. A., & Shajahan, M. (2012). Removal of chromium from tannery effluent using chitosan-charcoal composite. *Journal of the Bangladesh Chemical Society*, 25(1), 53-61.
21. Zaman, M., Naser, M. N., Hossain, M., Husain, M., Islam, A., Islam, K. A., & **Sultana, N.** (2012). Pesticide residues and harmful organic pollutants in some freshwater fishes

from Matlab floodplain area, Bangladesh. *Bangladesh Journal of Zoology*, 40(1), 101-108.

22. Haque, M. Z., Rouf, M. A., Jalil, M. A., Islam, M. B., Islam, M. M., & **Ahsan, M. A.** (2012). Studies on the production of musabbar from Aloe vera. *Journal of advanced scientific Research*, 3(1), 51-54.
23. Mahfuza S. Sultana, Kulsum U., **Shakila A.** and Islam M. S: Toxic Metal Contamination on the River near Industrial Area of Dhaka. *Universal Journal of Environmental Research and Technology*, 2 (1): 56-64, 2012.
24. Monirul Islam, Md. Al-Amin, M. Mahboob Ali Siddiqi, **Shakila Akter**, Mohammad Majedul Haque, Nasim Sultana and A.M. Sarwaruddin Chowdhury: Isolation of Quercetin-3-o-beta-d-glucopyranoside from the Leaves of *Azadirachta Indica* and Antimicrobial and Cytotoxic screening of the Crude Extracts. *Dhaka University Journal of Science*, 60(1):11-14, 2012.
25. Zaman, M., Naser, M. N., Hossain, M., Husain, M., Islam, A., Islam, K. A., & Sultana, N. (2012). Pesticide residues and harmful organic pollutants in some freshwater fishes from Matlab floodplain area, Bangladesh. *Bangladesh Journal of Zoology*, 40(1), 101-108.
26. Chowdhury, N. S., Islam, F. M. M., Zafreen, F., Begum, B. A., Sultana, N., Perveen, S., & Mahal, M. (2011). Effect of surface area of dialyzer membrane on the adequacy of haemodialysis. *Journal of Armed Forces Medical College, Bangladesh*, 7(2), 9-11.

Number of publications in 2011: 18

1. Alam F, Haque M, Sohrab MH, **Mansur MA**, Hasan CM and Ahmed N: Antimicrobial and Cytotoxic Activity from *Lasia spinosa* and Isolated Lignan. *Latin American Journal of Pharmacy*. 30 (3) : 550-3 (2011).
2. M. Khalid Ahammed Khan, Mahmood Alam, Muhammad Qumrul Hassan, M. Shahidul Islam and **Al-Mansur M.A.** : Environmental pollution around Dhaka EPZ and its impact on surface and groundwater. *Bangladesh Journal of Scientific and Industrial Research*. 46(2), 153-162, 2011.
3. Mahfuza.S. Sultana, Shahrin Rahman, M. Shahidul Islam and **Al-Mansur M.A.** : Study of surface water and soil quality affected by heavy metals of pabna sadar. *Bangladesh Journal of Scientific and Industrial Research*. 46(1), 133-140, 2011.
4. Akbor, M. A., Islam, M. S., Akhter, N., Ahmed, S., & Siraj, S. (2011). Studies on antibacterial and antifungal activities and minimum inhibitory concentrations of mixed ligand transition metal complexes of dibasic acids as primary and heterocyclic bases as secondary ligands. *Bangladesh Journal of Scientific and Industrial Research*, 46(3), 365-368.
5. Safarzadeh-Amiri, A., Fowlie, P., Kazi, A. I., Siraj, S., Ahmed, S., & Akbor, A. (2011). Validation of analysis of arsenic in water samples using Wagtech Digital Arsenator. *Science of the total environment*, 409(13), 2662-2667.
6. **Siraj, S., Kazi, A. I., Ahmed, S., Akbor, M. A., & Ahsan, A.** (2011). Manganese Removal Status by Arsenic Removal Technologies Available in Bangladesh: Manganese Removal Treatment by Sodium Hypochlorite. *Bangladesh Journal of Scientific and Industrial Research*, 46(3), 291-296.
7. Momotaz Begum, M.H. Sohrab, Farhana Afroz, **Shakila Akter**, Choudhury M. Hasan and A.M. Sarwaruddin Chowdhury: Phytochemical Investigations on the Leaves of *Jatropha curcas*. *Dhaka University Journal of Science*, 59(1): 61-63, 2011.

8. Mahfuza S. Sultana, Nushrat Jahan, **Shakila Akter** and Mala Khan: Impact of Wastewater and Soil of Fertilizer Production Plant on the Water of the Meghna River. *Bangladesh Journal of Environmental Research*, 9 (1):17-26, 2011.
9. **Shakila Akter**, M. Sahidul Islam, **Nasim Sutana**, **M. Aminul Ahsan**, **Shajahan Siraj**, **Shamim Ahmed** and **Md. Ahedul Akbor**: Determination of Phosphate in Various Water Samples with Digestion Procedure by UV-Visible Spectrophotometry. *Jahangirnagar University Journal of Science*, 34(1): 85-94, 2011.
10. N. Sultana, M.M. Rahman, S. Ahmed, **S. Akter**, M.M. Haque, S. Parveen and S.M. I. Moeiz: Antimicrobial Compounds from the Rhizomes of *Sansevieria hyacinthoides*. *Bangladesh J. Sci. and Ind. Res.* Vol. 46(3), pp. 329-332, 2011.
11. Chowdhury M. Z. A., Ahsan M. A. *et al*, Determination of Essential and Toxic Metals in Meats, Meat Products and Eggs by Spectrophotometric Method. *Journal of Bangladesh Chemical Society*, Vol. **24(2)**. 2011, pp. 165-172.
12. Haque M. Z., Ahsan M. A. *et al*, Studies on the Production of Musabbar from Aloe Vera. *Journal of Advanced Scientific Research*. Vol. **34(1)**, 2011, pp. 85-94.
13. Rahman M. N., Ahsan M. A. *et al*, Correlation of Carbohydrate Content with the Changes in Amylase, Invertase and β -Galactosidase Activity of Ripe Mango Pulp During Storage under Different Temperatures. *Bangladesh J. Sci. Ind. Res.* Vol. **46(4)**, 2011, pp. 443-446.

14. Chowdhury M. Z. A., Ahsan M. A. Biochemical and Toxicological Investigation on Different Milks and Sweetmeats Available in Chittagong. *Journal of Bangladesh Chemical Society*, Vol. **24(1)**: 37-45, 2011.
15. Siraj S., Ahsan M. A. *et al*, Manganese Removal Status by Arsenic Removal Technologies Available in Bangladesh: Manganese Removal Treatment by Sodium Hypochlorite. *Bangladesh J. Sci. Ind. Res.* Vol. **46(3)**, 2011, pp. 291-296.
16. Hoque, M. M., Shafiullah, S., Sultana, P., & **Sultana, N.** (2011). Performance of Plasma B-Type Natriuretic Peptide as a Diagnostic Biomarker in Heart Failure. *Cardiovascular Journal*, 3(2), 126-130.
17. **Sultana, N.**, & Afolayan, A. J. (2011). A new depsidone and antibacterial activities of compounds from *Usnea undulata* Stirton. *Journal of Asian natural products research*, 13(12), 1158-1164.
18. Awais, M., Pervez, A., Alam, F., & **Siraj, S.** (2011). Biotechnology helps in improvement of environment. *World Applied Sciences Journal*, 14(9), 1359-1368.

Number of publications in 2010: 14

1. M. Saifur Rahman, M. Mahboob Ali Siddiqi, **Al-Mansur M.A.**, M. H. Sohrab, A.M. Sarwaruddin Chowdhury and Choudhury M. Hasan.: Chemical and Biological Investigations of *Stereospermum chelonoides*. Dhaka Univ. J. Sci. 58 (2): 195-197, 2010.
2. Humayun Kabir, M. Mahboob Ali Siddiqi, **Al-Mansur M.A.**, M. H. Sohrab, A.M. Sarwaruddin Chowdhury and Choudhury M. Hasan.: Phytochemical and Biological Investigations of *Casuarina equisetifolia*. Dhaka Univ. J. Sci. 58 (2): 191-193, 2010 .
3. Mohammad Habibullah, **Al-Mansur M.A.**, M. Mahboob Ali Siddiqi, A.M. Sarwaruddin Chowdhury, M. H. Sohrab and Choudhury M. Hasan. : Scopoletin Isolated from Stem bark of

Bursera serrata Wall. With Antimicrobial and cytotoxic Activities of the Crude Extract. Dhaka Univ. J. Sci. 58 (2): 287-289, 2010 .

4. Mostafa Md. Faisal Kabir, M. Mahboob Ali Siddiqi, **Al-Mansur M.A.**, M. H. Sohrab, Choudhury M. Hasan and A.M. Sarwaruddin Chowdhury. : Antimicrobial and Cytotoxic Activities of the Crude Extracts of *Abroma augusta*. Dhaka Univ. J. Sci. 58 (2): 199-200, 2010.
5. Shahab Uddin Ahmed, **Al-Mansur M.A.**, Yunus Ahmed, M. H. Sohrab, A.M. Sarwaruddin Chowdhury and Choudhury M. Hasan.: Phytochemical and Biological Investigations of *Carica papaya*. Dhaka Univ. J. Sci. 58 (2): 265-268, 2010 (July).
6. Momotaz Begum, **Al-Mansur M.A.**, Yunus Ahmed, M. H. Sohrab, Choudhury M. Hasan and A.M. Sarwaruddin Chowdhury.: Chemical and Biological Investigations on the Leaves of *Jatropha gossypifolia*. Dhaka Univ. J. Sci. 58 (2): 239-242, 2010 (July).
7. Amiri, A. S., Morsheda, E., **Kazi, A. I., Siraj, S., Ahmed, S., & Akbor, M. A.** (2010). Results from the First-Round of Bangladesh Environmental Technology Verification-Support to Arsenic Mitigation (BETV-SAM) Field Test. *Bangladesh Journal of Scientific and Industrial Research*, 45(4), 289-302.
8. Ahmed, M. J., **Ahsan, A.**, Haque, M. R., **Siraj, S.**, Bhuiyan, M. H. R., Bhattacharjee, S. C., & Islam, S. (2010). Physicochemical assessment of surface and groundwater quality of the greater Chittagong region of Bangladesh. *Pakistan Journal of Analytical & Environmental Chemistry*, 11(2), 11.
9. Roy, R., Fakhruddin, A. N. M., Khatun, R., Islam, M. S., **Ahsan, M. A.**, & Neger, A. J. M. T. (2010). Characterization of textile industrial effluents and its effects on aquatic macrophytes and algae. *Bangladesh Journal of Scientific and Industrial Research*, 45(1), 79-84.
10. Mahal, M., Hossain, M. S., **Sultana, N.**, Chowdhury, N. S., & Amin, S. A. K. M. N. (2010). Study of Elevation of Serum Homocysteine Level in Eclampsia in a Specilized Hospital Setting in Bangladesh. *Journal of Dhaka Medical College*, 19(2), 131-134.

11. Parvin, S., Hoque, M. M., **Sultana, N.**, & Naoshin, Z. (2010). Study of serum non-HDL cholesterol in cerebrovascular disease. *Bangladesh Journal of Medical Science*, 9(3), 143-149.
12. **Sultana, N.**, Begum, K., Begum, A., & Akhter, U. (2010). A Lower Dose of Magnesium Sulphate for Control of Convulsion in Eclamptic Women of Bangladesh. *Bangladesh Journal of Obstetrics & Gynaecology*, 25(2), 71-76.
13. **Sultana, N.**, Akter, K., Nahar, N., Khan, M. S. H., Mosihuzzaman, M., Sohrab, M. H., & Krohn, K. (2010). Novel flavonoid glycosides from the bulbs of *Urginea indica* Kunth. *Natural Product Research*, 24(11), 1018-1026.
14. **Sultana, N.**, & Lee, N. H. (2010). A new alkene glycoside from the leaves of *Sasa quelpaertensis* Nakai. *Bulletin of the Korean Chemical Society*, 31(4), 1088-1090.

Number of publications in 2009: 14

1. Mahfuza.S. Sultana, M. Shahidul Islam, Ratnajit Saha and **Al-Mansur M.A.** : Impact of the Effluents of Textile Dyeing Industries on the Surface Water Quality Inside D.N.D Embankment, Narayanganj. *Bangladesh Journal of Scientific and Industrial Research*. 44(1), 65-80, 2009.
2. Afroza, R., Mazumder, Q. H., Jahan, C. S., **Kazi, M. A. I., Ahsan, M. A., & Al-Mansur, M. A.** (2009). Hydrochemistry and origin of salinity in groundwater in parts of lower Tista floodplain, Northwest Bangladesh. *Journal of the Geological Society of India*, 74(2), 223-232.

3. M. Mahboob Ali Siddiqi, Mohammad Delowar Hossain, **Al-Mansur M.A.**, M. H. Sohrab, Choudhury M. Hasan and A.M. Sarwaruddin Chowdhury.: Antimicrobial and Cytotoxic Activities of the Crude Extracts of *Spilanthes acmella*. Dhaka Univ. J. Sci. 57 (2):215-216, 2009.
4. Mohammad Delowar Hossain, M. Mahboob Ali Siddiqi, **Al-Mansur M.A.**, M. H. Sohrab, A.M. Sarwaruddin Chowdhury and. Choudhury M. Hasan.: Antimicrobial and Cytotoxic Activities of the Crude Extracts of *Acacia auriculiformis*. Dhaka Univ. J. Sci. 57 (2):255-256, 2009.
5. Tareq FS, Sohrab MH, Chowdhury AMSU, Afroz F, **Mansur MA**, Hasan CM: Phytochemical Studies of the Leaves of *Xylia dolabriformis*. Dhaka University Journal of Pharmaceutical Sciences. 8 (2): 171-172, 2009.
6. **M.A.Akbor.**, M.S.Islam. Antimicrobial Studies of Mixed Ligand Transition Metal Complexes of Dibasic Acids with Amine Bases. Jahangirnagar University Journal of Science, 32 (1):01-06, 2009.
7. Chowdhury M.Z.A., **Ahsan M. A.**, Trace and Toxic Metals in the Fresh-Water Small Fishes of the Eastern Districts of Bangladesh. *Journal of Bangladesh Chemical Society*, **22(2)**; 147-152, 2009.
8. Afroza, R., Mazumder, Q. H., Jahan, C. S., **Kazi, M. A. I., Ahsan, M. A., & Al-Mansur, M. A.** (2009). Hydrochemistry and origin of salinity in groundwater in parts of lower Tista floodplain, Northwest Bangladesh. *Journal of the Geological Society of India*, 74(2), 223-232.
9. Molla, N. A., Mollah, K. A., Hossain, A., Shipin, O., Nur, H. P., Nimmi, I., & **Aminul, A.** (2009). Drinking water treatment at home: a trial in Dhaka, Bangladesh. *Bangladesh Journal of Scientific and Industrial Research*, 44(2), 233-240.
10. Parvin, S., Hoque, M. M., **Sultana, N.**, Chowdhury, N. S., Chowdhury, S. S., **Akhter, S.**, & Naoshin, Z. (2009). Study of serum uric acid in cerebrovascular disease. *Journal of Dhaka Medical College*, 18(1), 15-19.

11. Das, S. R., **Sultana, N., Akhter, S.**, Khan, F., & Wazed, F. (2009). Incidence, Causes and Management of Retained Placenta of Admitted Cases in In-Patient Department of Dhaka Medical College Hospital. *Journal of Dhaka Medical College*, 18(1), 20-24.
12. **Sultana, N.**, & Lee, N. H. (2009). New phenylpropanoids from *Sasa quepaertensis* Nakai with tyrosinase inhibition activities. *Bulletin of the Korean Chemical Society*, 30(8), 1729-1732.
13. **Sultana, N.**, & Lee, N. H. (2009). New phenylpropanoids from *Sasa quepaertensis* Nakai with tyrosinase inhibition activities. *Bulletin of the Korean Chemical Society*, 30(8), 1729-1732.
14. Mostafa, M., **Sultana, N.**, Nahar, N., Mosihuzzaman, M., & Choudhary, M. I. (2009). A new phenylpropanoid glycoside from *Leucas indica* Linn. *Journal of Asian natural products research*, 11(1), 29-32.