

## A REPORT ON THE LIST OF PUBLICATIONS

1. Ghosh, A., Naskar, P., Dey, S., Mukherjee, S., Biswas, S., Das, R., Sarkar, S., Ghosh, S., **Ghosh, B.**, Sarkar, S. The Key to A Sustainable Future - Algal Biofuel, Journal of Survey in Fishery Sciences. Vol. 10 No. 1S (Special issue 1), 6395-6400.
2. Nayak, S., Chakraborty, S., Roy, S., Roy, S., Ghosh, K., Ghorui, A., Sarkar, S., **Ghosh, B.**, Ghosh, S., Sarkar, S. The Role of Plant Hormone on Root Development, Journal of Survey in Fishery Sciences. Vol. 10 No. 1S (Special issue 1), 6401 – 6407.
3. Ghosh, S., Ghosh, **B.**, **Ghosh, M.**, Paul, S., Pal, A., Dey, T., Sarkar, S., Ghosh, S., Ghosh, B., Sarkar, S. Phytoremediation- Friendlier and Affordable Approach to Remediate Heavy Metal Pollution, Journal of Survey in Fishery Sciences. Vol. 10 No. 1S (Special issue 1), 6291-6296.
4. Pal, N., Das, P., Dutta, R., Sarkar, S., Mukherjee, S., Devi, P., Mukherjee, M., Dhar, S., Ghosh, S., Sarkar, S., Sarkar, S., **Ghosh, B.** Water Reclamation Through Nano-remediation & Bioremediation: A Weal Against Conventional Chemical Techniques, Journal of Survey in Fishery Sciences. Vol. 10 No. 1S (Special issue 1), 6297-6305.
5. Banerjee, D., Sadhu, P., Das, S., Pal, S., Mitra, S., Ghosal, A., Sarkar, S., **Ghosh, B.**, Ghosh, S., Sarkar, S. Phosphate Solubilizing Bacteria: A potential biotic component for solubilizing phosphate in soil and its application as Biofertilizer: A Review. Journal of Survey in Fishery Sciences. Vol. 10 No. 1S (Special issue 1), 6306-6315.
6. Biswas, D., Chourasia, A., Sasmal, A., Santra, S., Panigrahi, S., Kundu, M., Sarkar, S., **Ghosh, B.**, Ghosh, S., Sarkar, S. Mycoremediation is a Potential Strategy for Environmental Clean-up of Heavy Metal: A Review, Journal of Survey in Fishery Sciences. Vol. 10 No. 1S (Special issue 1), 6316- 6327.
7. Sen, A., Mondal, I., Das, S., Roy, S., Mondal, M., Roy, R., Sarangi, S., Banerjee, S., Sarkar, S., **Ghosh, B.**, Sarkar, S., Ghosh, S. Analytical approach of micro-RNA interaction study in ovarian cancer, Journal of Survey in Fishery Sciences. Vol. 10 No. 1S (Special issue 1), 6328-6335.
8. Chakraborty, B., Gosai, R., Saha, D., Nayek, B., Biswas, P., Das Gupta, A., Ghosh, R., **Ghosh, B.**, Sarkar, S., Sarkar, S., Ghosh, S. Structural and functional relationship study in plant salinity stress, Journal of Survey in Fishery Sciences. Vol. 10 No. 1S (Special issue 1), 6336-6343.
9. Dalalthakur, S., Singh, P., Singh, S., Sasmal, A., Deb, T., Karmakar, S., Dasgupta, T., Sarkar, S., Sarkar, S., **Ghosh, B.**, Ghosh, S. Role of pathogenesis-related (PR) proteins in plant microbes defense mechanism, Journal of Survey in Fishery Sciences. Vol. 10 No. 1S (Special issue 1), 6344- 6352.
10. Noor, S., Mondal, M., Singh, S., Sadhu, P., Chourasia, S., Patra, S., Ghosh, K., Pal, S., Sarkar, S., Sarkar, S., Ghosh, S., **Ghosh, B.** Scavenging of Waste Water Using Oyster

Mushrooms, *Journal of Survey in Fishery Sciences*. Vol. 10 No. 1S (Special issue 1), 6364-6371.

11. Saha, S., Devi, P., Das, S., Roy, S., Sing, P., Mitra, S., Banerjee, S., Mallick, J., Sarkar, S., Sarkar, S., Ghosh, S., **Ghosh, B.** Study About the Absorption Pattern of Soil Chromium By Perennial Flowering Herbs, *Journal of Survey in Fishery Sciences*. Vol. 10 No. 1S (Special issue 1), 6372- 6377.

12. Sharma, P., Das, S., Sadhu, P., Pal, S., Mitra, S., Ghoshal, A., Biswas, S., Roy, S., Sarkar, S., **Ghosh, B.**, Ghosh, S., Sarkar, S. Therapeutic Role of Probiotics In Managing Various Diseases, *Journal of Survey in Fishery Sciences*. Vol. 10 No. 1S (Special issue 1), 6378-6380.

13. Ghoshal, A., Saha, P., Mallick, J., Sarkar, S., Chakarborty, M., Sarkar, S., **Ghosh, B.**, Ghosh, S., Sarkar, S. Phytoremediation: A Way Forward Towards Heavy Metal Management, *Journal of Survey in Fishery Sciences*. Vol. 10 No. 1S (Special issue 1), 6381-6394.

14. Bidisha Ghosh, Monoswita Chakraborty, Semanti Ghosh, **Bidisha Ghosh**, Subhasis Sarkar, & Suranjana Sarkar. (2023). Genetic Basis And Clinical Perspectives Of Breast Cancer. *Journal of Advanced Zoology*, 44(S6). <https://doi.org/10.53555/jaz.v44iS6.3708>

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19. Puja Sadhu, Suranjana Sarkar, Aritri Laha, Semanti Ghosh, **Bidisha Ghosh**, & Subhasis Sarkar. (2023). Oncolytic Viral Nanoparticles: A Combination Of Targeted And Immunotherapeutic Approach For Cancer Treatment: A Review. *Journal of Advanced Zoology*, 44(S5), 2537–2550. <https://doi.org/10.53555/jaz.v44iS5.3277>

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25. Sayani Das, Sulogna Mitra, Monalisa Mallik, Soumili Banerjee, Subhajit Pal, Abhijit Kumar, Semanti Ghosh, **Bidisha Ghosh**, Subhasis Sarkar, & Suranjana Sarkar. (2023). Advancing Biomedical Frontiers: Unveiling The Potential Of 3d Bioprinting In Organ Regeneration. *Journal of Advanced Zoology*, 44(S5), 2488–2493. <https://doi.org/10.53555/jaz.v44iS5.3210>
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35. Parthita Das, Deeti Das, Suranjana Sarkar, Subhasis Sarkar and **Bidisha Ghosh**. Apoptotic genes which are involved in stem cell division: Their mutation and effects. *Int. J. Clin. Biol. Biochem.* 2024;6(1):37-40. DOI: [10.33545/26646188.2024.v6.i1a.57](https://doi.org/10.33545/26646188.2024.v6.i1a.57)
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## BOOK CHAPTER

1. Recycling of waste water through natural filtration techniques : possibilities and challenges (published ) Multidisciplinary Review Book, Taurean Publications, ISBN:978-93-91074-40-1
2. "Advancing Sustainable Wastewater Treatment: Unleashing the Potential of Nano-Sponges for Effective Remediation" accepted in CRC Press, Taylor & Francis. (Accepted)

3. “Recent Advances in the sensing of pesticides and antibiotics in water through Fluorescent quantum dots “ (published) *Frontiers in Biotechnology :Emerging Approaches and Strategies*, ISBN :978-93-5980-245-9
- 4.”Recent Advancements on computational enzyme designing : Rational to *DE NOVO*: (published) *Frontiers in Biotechnology” :Emerging Approaches and Strategies*, ISBN :978-93-5980-245-9
5. “Unveiling Epigenetics and human diseases: focus on Cancer Epigenetics” : (published) *Frontiers in Biotechnology :Emerging Approaches and Strategies*, ISBN :978-93-5980-245-9
6. “Advances in wastewater treatment technology” . ”. (published) in *Microbiome : Principles and Explorations*, ISBN-978-93-5980-246-6
7. “Beyond the Plate: Advances and future frontiers in food microbiology”. (published) in *Microbiome : Principles and Explorations*, ISBN-978-93-5980-246-6