

1. Pandey, P., Khan, F., Alzahrani, F.A., Qari, H.A., Oves M. A Novel Approach to Unraveling the Apoptotic Potential of Rutin (Bioflavonoid) via Targeting Jab1 in Cervical Cancer Cells. *Molecules* 2021, 26, 5529. [IF-4.41]
2. Joshi, R. C., Mishra, R., Gandhi, P., Pathak, V. K., Burget, R., & Dutta, M. K. (2021). Ensemble based Machine Learning approach for Prediction of Glioma and Multi-grade Classification. *Computers in Biology and Medicine*, 104829. [IF-4.5]
3. Pandey P, Khan F, Farhan M, Jafri A (2021). Elucidation of Rutin role in inducing caspase dependent apoptosis via HPV-E6 and E7 downregulation in cervical cancer HeLa cells. *Bioscience Reports*. [IF-3.84]
4. Pandey P, Khan F (2021). A mechanistic review of the anticancer potential of hesperidin, a natural flavonoid from citrus fruits. *Nutrition research* [IF-3.32]
5. Khan F, Pandey P\*, Jha N. K., Khalid M, & Ojha S. (2021). Rutin Mediated Apoptotic Cell Death in Caski Cervical Cancer Cells via Notch-1 and Hes-1 Downregulation. *Life*, 11(8), 761. [IF-3.81]
6. Samuchiwal, S., Gola, D., & Malik, A. (2021). Decolourization of textile effluent using native microbial consortium enriched from textile industry effluent. *Journal of Hazardous Materials*, 402, 123835. [IF-10.5]
7. Gola, D., Chawla, P., Malik, A., & Ahammad, S. Z. (2020). Development and performance evaluation of native microbial consortium for multi metal removal in lab scale aerobic and anaerobic bioreactor. *Environmental Technology & Innovation*, 18, 100714. [IF-5.26]
8. Gola, D., Tyagi, P. K., Chauhan, N., Malik, A., & Srivastava, S. K. (2021). Beauveria bassiana assisted remediation of chromium and indanthane blue. *Journal of Environmental Chemical Engineering*, 9(4), 105552. [IF-5.9]
9. Gola, D., Tyagi, P. K., Arya, A., Gupta, D., Raghav, J., Kaushik, A., & Srivastava, S. K. (2021). Antimicrobial and dye degradation application of fungi assisted silver nanoparticles and utilization of fungal retentate biomass for dye removal. *Water Environment Research*. [IF-2.0]
10. Pandey P, Khan, F., & Maurya, P. (2021). Targeting Jab1 using hesperidin (dietary phytocompound) for inducing apoptosis in HeLa cervical cancer cells. *Journal of Food Biochemistry*, e13800. [IF-2.72]
11. Pandey, P., Khan, F (2021). Moringa oleifera Plant as potent alternate to Chemical Coagulant in Water Purification. *BJPS* [IF-1.32]
12. Pandey P, Khan, F., Mazumder, A., Rana, A. K., & Srivastava, Y. (2021). Inhibitory Potential of Dietary Phytocompounds of Nigella sativa against Key Targets of Novel Coronavirus (COVID-19). *Indian Journal of Pharmaceutical Education and Research*, 55(1). [IF-0.69]
13. Khan, F., Pandey, P\*, Mishra, R., Arif, M., Kumar, A., Jafri, A., & Mazumder, R. (2021). Elucidation of S-allylcysteine role in inducing apoptosis by inhibiting PD-L1 expression in human lung cancer cells. *Anti-Cancer Agents in Medicinal Chemistry (Formerly Current Medicinal Chemistry-Anti-Cancer Agents)*, 21(4), 532-541. [IF-2.5]
14. Goyal, K., Goel, H., Baranwal, P., Dixit, A., Khan, F., Jha, N. K., Pandey, P., & Mittan, S. (2021). Unravelling the molecular mechanism of mutagenic factors impacting human health. *Environmental Science and Pollution Research*, 1-21. [IF-4.2]
15. Alam, M. W., Pandey, P., Khan, F., Souayah, B., & Farhan, M. (2020). Study to Investigate the Potential of Combined Extract of Leaves and Seeds of Moringa oleifera in Groundwater Purification. *International Journal of Environmental Research and Public Health*, 17(20), 7468. [IF-3.4]
16. Pandey, P., & Khan, F. (2020). Jab1 inhibition by methanolic extract of Moringa oleifera leaves in cervical cancer cells: a potent targeted therapeutic approach. *Nutrition and Cancer*, 1-9. [IF-2.9]
17. Pandey, P., Khan, F., Mishra, R., & Singh, S. K. (2020). Elucidation of the potential of Moringa oleifera leaves extract as a novel alternate to the chemical coagulant in water treatment process.

Water Environment Research, 92(7), 1051-1056. [IF-2.0]

18. Khan, F., Pandey, P\*, Upadhyay, T. K., Jafri, A., Jha, N. K., Mishra, R., & Singh, V. (2020). Anti-cancerous effect of rutin against HPV-C33A cervical cancer cells via G0/G1 cell cycle arrest and apoptotic induction. *Endocrine, Metabolic & Immune Disorders-Drug Targets* (Formerly Current Drug Targets-Immune, Endocrine & Metabolic Disorders), 20(3), 409-418. [IF-2.9]
19. Khan, F., Pandey, P., Ahmad, V., & Upadhyay, T. K. (2020). Moringa oleifera methanolic leaves extract induces apoptosis and G0/G1 cell cycle arrest via downregulation of Hedgehog Signaling Pathway in human prostate PC-3 cancer cells. *Journal of Food Biochemistry*, 44(8), e13338. [IF-2.72]
20. Pandey, P., Siddiqui, M. H., Behari, A., Kapoor, V. K., Mishra, K., Sayyed, U & Bajpai, P. (2019). Jab1-siRNA induces cell growth inhibition and cell cycle arrest in gall bladder cancer cells via targeting Jab1 signalosome. *Anti-Cancer Agents in Medicinal Chemistry* (Formerly Current Medicinal Chemistry-Anti-Cancer Agents), 19(16). [IF-2.5]
21. Pandey, P., Bajpai, P., Siddiqui, M. H., Sayyed, U., Tiwari, R., Shekh, R & Kapoor, V. K. (2019). Elucidation of the chemopreventive role of stigmasterol against Jab1 in Gall bladder carcinoma. *Endocrine, Metabolic & Immune Disorders-Drug Targets* (Formerly Current Drug Targets-Immune, Endocrine & Metabolic Disorders), 19(6), 826-837. [IF-2.9]
22. Tiwari, R. K., Singh, S., Gupta, C. L., Pandey P, Singh, V. K., Sayyed, U & Bajpai, P. (2021). Repolarization of glioblastoma macrophage cells using non-agonistic Dectin-1 ligand encapsulating TLR-9 agonist: plausible role in regenerative medicine against brain tumor. *International Journal of Neuroscience*, 131(6), 591-598. [IF-2.3]
23. Chawla, P., Malik, A., Sreekrishnan, T. R., Dalvi, V., & Gola, D. (2020). Selection of optimum combination via comprehensive comparison of multiple algal cultures for treatment of diverse wastewaters. *Environmental Technology & Innovation*, 18, 100758. [IF-5.26]
24. Bhattacharya, A., Gola, D., Dey, P., & Malik, A. (2020). Synergistic and Antagonistic Effects on Metal Bioremediation with Increasing Metal Complexity in a Hexa-metal Environment by *Aspergillus fumigatus*. *International Journal of Environmental Research*, 14(6), 761-770. [IF-2.4]
25. Tyagi, P. K., Tyagi, S., Gola, D., Arya, A., Ayatollahi, S. A., Alshehri, M. M., & Sharifi-Rad, J. (2021). Ascorbic Acid and Polyphenols Mediated Green Synthesis of Silver Nanoparticles from *Tagetes erecta* L. Aqueous Leaf Extract and Studied Their Antioxidant Properties. *Journal of Nanomaterials*, 2021. [IF-2.9]
26. Khan, F., Pandey, P\*, Jha, N. K., Jafri, A., & Khan, I. (2020). Antiproliferative effect of Moringa oleifera methanolic leaf extract by down-regulation of Notch signaling in DU145 prostate cancer cells. *Gene Reports*, 19, 100619.
27. Pandey, P., Khan, F., Kumar, A., Srivastava, A., & Jha, N. K. (2021). Screening of Potent Inhibitors Against 2019 Novel Coronavirus (Covid-19) from *Alliumsativum* and *Allium cepa*: An In Silico Approach. *Biointerface Res. Appl. Chem*, 11(1), 7981-7993.
28. Pandey, P., Khan, F., Rana, A. K., Srivastava, Y., Jha, S. K., & Jha, N. K. (2021). A drug repurposing approach towards elucidating the potential of flavonoids as COVID-19 spike protein inhibitors. *Biointerface Res. Appl. Chem*, 11(1), 8482-8501.
29. Pandey, P., Singhal, D., Khan, F., & Arif, M. (2021). An in silico screening on *piper nigrum*, *syzygium aromaticum* and *zingiber officinale roscoe* derived compounds against sars-cov-2: A drug repurposing approach. *Biointerface Research in Applied Chemistry*, 11(4).
30. Singhal B., Pandey P, Khan, F., Singh, S. K., & Kumar, T. (2021). In vitro Elucidation of Antiproliferative and Apoptotic Effects of Thymol against Prostate Cancer LNCaP Cells. *Biointerface Research in Applied Chemistry*.
31. Maurya, P., Pandey P, Khan, F., Mishra, R., Chaudhary, R., & Singh, S. K. (2021). Study to Elucidate the Inhibitory Potential of Selected Flavonoids against Jab1 in Cervical Cancer. *Biointerface Research in Applied Chemistry*.

32. Pandey P, Khan F., Ahmad, V., Singh, A., Shamshad, T., & Mishra, R. (2020). Combined efficacy of Azadirachta indica and Moringa oleifera leaves extract as a potential coagulant in ground water treatment. *SN Applied Sciences*, 2(7), 1-8.
33. Mishra, R., Verma, S., Kumari, S., Rustagi, S., Pandey P., & Khan, F. (2021). Potato mop top virus-
34. Pandey P, Mishra R, Jha NK, Sharma S, Khan F (2019). An in silico study on plant derived inhibitors against a prognostic Biomarker, Jab1. *International Journal of Research in Pharmaceutical Sciences*, 10(2), 1058-1061.
35. Jha, N. K., Jeyaraman, M., Rachamalla, M., Ojha, S., Dua, K., Chellappan, D. K., Pandey P & Kesari, K. K. (2021). Current understanding of novel coronavirus: Molecular pathogenesis, diagnosis, and treatment approaches. *Immuno*, 1(1), 30-66.
36. Khan, I., Khan, F., Pandey, P., Haque, A., & Khan, M. M. (2020). Food Security, Safety, and Nutritional Concerns during a COVID-19 Pandemic: the Global Challenges.
37. Pandey P\*, Khan F (2020). Novel coronavirus disease 2019 (covid-19): emerging public health challenge. *International Journal of Leading Research Publication*, 1(2), 1-3.
38. Khan F, Pandey P (2020). A comparative study for antioxidant and anticancerous potential of moringa oleifera leaves extract against cervical cancer hela cells. *International Journal of Leading Research Publication*, 1(2), 4-10.
39. Ethnopharmacology and phytochemistry of medicinal plant: A multipurpose Prosopis cineraria (Khajri). In Book: Medicinal plant: Bioprospecting and pharmacognosy. Publisher: Taylor & Francis.
40. Clinical Relevance of “Biomarkers” in Cancer Metabolism. In *Cancer Cell Metabolism: A Potential Target for Cancer Therapy* (pp. 127-146). Springer, Singapore. [ISBN-9789811519918]
41. Khan, I., Khan, F., Ahmad, S., Pandey, P., & Khan, M. M. (2021). Microbes and Climate: A Tangled Relation. In *Microbiomes and the Global Climate Change* (pp. 3-15). Springer, Singapore. [https://doi.org/10.1007/978-981-33-4508-9\\_1](https://doi.org/10.1007/978-981-33-4508-9_1), Print ISBN: 978-981-33-4507-2
42. Cytochrome P450 role in Metabolism of Drugs and Chemicals. ISBN No. 9786200229748. Publisher: Lamberdt Academic Publisher (July 2019). LAP Lambert Academic Publishing (2019-07-16), ISBN: 978-620-0-22974-8
43. Shruti Tyagi, Pankaj Kumar Tyagi, Deepak Gola, Nitin Chauhan, Randhir K Bharti. Extracellular synthesis of silver nanoparticles using entomopathogenic fungus: characterization and antibacterial potential. *SN Applied Sciences*. 2019, 1: 1545
44. Pankaj Kumar, Shruti Tyagi, Mansi Mishra, Kavya Dhashora, Prevention, Diagnosis and Treatment of COVID-19 technological Perspective. *Current Nanoscience*, 2020 (Accepted 14 September 2020) [IF-1.824]
45. Tyagi, P. K., Tyagi, S., Kumar, A., Ahuja, A., & Gola, D. (2020). Contribution of nanotechnology in the fight against COVID-19. *Biointerface Research in Applied Chemistry*, 11(1), 8233-8241."
46. Jain, A., Ahmad, F., Gola, D., Malik, A., Chauhan, N., Dey, P., & Tyagi, P. K. (2020). Multi dye degradation and antibacterial potential of Papaya leaf derived silver nanoparticles. *Environmental Nanotechnology, Monitoring & Management*, 14, 100337.
47. Tyagi, P. K., Mishra, R., Khan, F., Gupta, D., & Gola, D. (2020). Antifungal effects of silver nanoparticles against various plant pathogenic fungi and its safety evaluation on *Drosophila melanogaster*. *Biointerface Res. Appl. Chem*, 10, 6587-6596.
48. Gola, D., Bhattacharya, A., Dey, P., Malik, A., & Ahammad, S. Z. (2020). Assessment of drain water used for irrigation in the Delhi region. *Journal of Health and Pollution*, 10(26).
49. Gola, D., Tyagi, P. K., Arya, A., Chauhan, N., Agarwal, M., Singh, S. K., & Gola, S. (2021). The impact of microplastics on marine environment: a review. *Environmental Nanotechnology, Monitoring & Management*, 100552.
50. Gola, D., Chauhan, N., Bharti, R. K., Dey, P., TP, K. M., & Bajpai, M. (2021). Prospects of algae and bacteria in the remediation of hazardous metals from wastewater. In *New Trends in Removal*

- of Heavy Metals from Industrial Wastewater (pp. 323-342). Elsevier.
51. Husain A, Khan F, Osama K, Mahfooz S, Shamim A, Ahmad S, Alvina Farooqui\*, Media optimization for C-phycocyanin production in *Plectonema* sp. using response surface methodology and central composite design. International journal of research in pharmaceutical sciences, 2020, 11(3), 3897-3904
  52. Verma A\*, Agarwal M, Garg H, Bhati D. Investigation on the Removal of Direct Red Dye using *Aspergillus Niger*, Journal of Materials Science and Surface Engineering, 2019, 6(6), 881-883.
  53. Agarwal M\*, Verma A. Insilico drug desinging for human cytomegalovirus IE1: a protein responsible for brain tumour, Journal of Materials Science and Surface Engineering, 2019, 6(6), 884-887.
  54. Singh A, Rai A. K, Mishra A, Nand V, Tripathi G. D, Gupta N, Saxena V, Singh V. Eco-Friendly Synthesis of Silver Nanoparticles Using *V. serpens* Plant, and Evaluation of Their Antibacterial Activity Against *Enterococcus faecalis*. Biosc.Biotech.Res.Comm. 2020;13(3).
  55. Mohan, S., Chigadannavar, P. S., Quadri, Z., Dey, P., Gola, D., Chauhan, N., & Bharti, R. K. (2021). Microbial community diversity in a wastewater treatment plant. In *Wastewater Treatment Reactors* (pp. 373-385). Elsevier.
  56. Kumar, S., Tyagi, P. K., Gola, D., Mishra, A. K., & Arya, A. (2021). Plant-Based Sweeteners and Their Applications in Modern Lifestyle. In *Non-Timber Forest Products* (pp. 75-103). Springer, Cham.
  57. Arya, A., Kumar, S., Tyagi, P. K., Gola, D., & Mishra, A. K. (2021). Forest-Based Medicinal Plants for Cardiovascular Diseases. In *Non-Timber Forest Products* (pp. 213-227). Springer, Cham.
  58. Dalvi, V., Naaz, F., Nigam, H., Jain, R., Samuchiwal, S., Kalia, S., ... & Gola, D. (2021). Removal of pollutants from wastewater via biological methods and shifts in microbial community profile during treatment process. *Wastewater Treatment Reactors*, 19-38.
  59. Jain, R., Nigam, H., Kalia, S., Chauhan, N., Gola, D., Tyagi, P., ... & Arya, A. (2021). Halophilic Fungal Communities: Current Research and Future Challenges. *Recent Trends in Mycological Research*, 203-218.
  60. Soumya Kamal, Rashmi Mishra\*, Pratibha Pandey, Fahad Khan and Prabhu Chandra Mishra. Autologous stem cells derived from bone marrow: Application in the treatment of premature ovarian failure. *Journal of Cardiovascular Disease Research*. ISSN: 0975-3583, 0976-2833 VOL 12, ISSUE 03, 2021
  61. R. Mishra, S.Verma, P. Pandey, F. Khan. "In Vitro Antibacterial Properties Of *Cinnamomum Zeylanicum* Essential Oil Against Enteric Bacteria". *Journal of Natural Remedies* Volume 21 (1), Pages 26-31, June 2021 . ISSN:2320-3358
  62. R. Mishra, S.Verma, P. Pandey, F. Khan.. Evaluation of Antifungal Efficacy of *Cinnamomum Zeylanicum* Bark Oil, Ambient Science,National Cave Research and Protection Organization, India.VOLUME 8(1),March 2021,Pages 24-27 Doi:10.21276/Ambi.2021.08.1.Ra04,ISSN- 2348 5191
  63. R. Mishra, S.Verma,S.Rustagi, P. Pandey, F. Khan.(2021). A Comparative Study Of Antimicrobial Efficacy Of *Cinnamomum Zeylanicum* Leaf Oil And *Cinnamomum Tamala* Leaf Oil. *PalArch's Journal of Archaeology of Egypt/Egyptology*, Volume 18(7), Pages 1477-1484, April 2021
  64. R. Mishra, S.Verma, S.Kumari,S.Rustagi,P. Pandey, F. Khan. Potato Mop Top Virus-An Emerging Threat To The Potato Crop World Wide. *PalArch's Journal of Archaeology of Egypt/Egyptology*, Volume 18(7), Pages 1463-1476
  65. R. Mishra, S.Verma, P. Pandey, F. Khan. "Antifungal activity of *Cinnamomum* Spp: A comparative study of Aromatic Oil." *Annals of the Romanian Society for Cell Biology* (2021) Volume 25(5) Pages 2442-2449, May 2021, ISSN-1583-6258
  66. Mishra, R., Tyagi, P. A graceful smart-ware with numerous features. *International Journal of Recent Technology and Engineering*.2019

67. Mishra, R, Chaudhary, Surya Deo, Tyagi.P International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-12, October 2019