Published Papers

1. **Maleic Anhydride Cross-Linked β- Cyclodextrin- Conjugated Magnetic Nanoadsorbent: An Ecofriendly Approach for Simultaneous Adsorption of Hydrophilic and Hydrophobic Dyes.**
   Monika Yadav, Manita Das, Chirag Savani, Sonal Thakore, Rajendrasinh Jadeja; ACS Omega 4 (2019) 11993-12003.

2. **Facile design of a dextran derived polyurethane hydrogel and metallopolymer: a sustainable approach for elimination of organic dyes and reduction of nitrophenols†.**
   Manita Das, **Monika Yadav**, Falguni Shukla, Sagufa Ansari, R. N. Jadeja, Sonal Thakore; ACS Omega 44 (2020) 19122.

3. **Rapid selective optical detection of sulfur containing agrochemicals and amino acid by functionalized cyclodextrin polymer derived gold nanoprobes.**
   Monika Yadav, Manita Das, Shivangi Bhatt, Pranav Shah, Rajendrasinh Jadeja, Sonal Thakore; Michrocchemical Journal 169 (2021) 106630.

4. **Removal of organic dyes using *Fucus vesiculosus* seaweed bioadsorbent an ecofriendly approach: Equilibrium, kinetics and thermodynamic studies.**
   Monika Yadav, Sonal Thakore, Rajendrasinh Jadeja; (**Communicated**)

5. **An ecofriendly approach for Methylene Blue and Lead (II) adsorption onto functionalized *Citrus limetta* bioadsorbent.**
   Monika Yadav, Rajendrasinh Jadeja, Sonal Thakore; (**Communicated**)

Published Review Paper

1. **A review on remediation technologies using functionalized Cyclodextrin**

   Monika Yadav, Sonal Thakore, R. Jadeja, Environmental science and pollution research international, (2021). Environmental science and pollution research international. 10.1007/s11356-021-15887-y. PMID: 34420160

Published Book Chapters

1. **Phytoremediation for Heavy Metal Removal: Technological Advancements.**

   Monika Yadav, Gurudatta Singh, R. N. Jadeja; Pollutants and Water Management: Resources, Strategies and Scarcity. **John Wiley & Sons Ltd.** 2021, 128-150. https://doi.org/10.1002/9781119693635.ch6

2. **Physical and Chemical Methods for Heavy Metal Removal.**

   Monika Yadav, Gurudatta Singh, R. N. Jadeja; Pollutants and Water Management: Resources, Strategies and Scarcity. **John Wiley & Sons Ltd.** 2021, 377-397. https://doi.org/10.1002/9781119693635.ch15

3. **Fluoride Contamination in Groundwater, Impacts, and Their Potential Remediation Techniques.**

   Monika Yadav, Gurudatta Singh, R. N. Jadeja; Groundwater Geochemistry: Pollution and Remediation Methods. **John Wiley & Sons Ltd.** 2021, 22-41. https://doi.org/10.1002/9781119709732.ch2

4. **Surface Modified Magnetic Nanoparticles: A New Generation of Nanoadsorbents for Facile Remediation Protocols.**

   Monika Yadav, Manita Das, Sonal Thakore, R. Jadeja; Environment at Crossroads Challenges and Green Solutions. **Scientific Publishers**. 2020 291.

5. **Bioremediation of organic pollutants: a sustainable green approach.**

   Monika Yadav, Gurudatta Singh, R. N. Jadeja; Sustainable Environmental Clean-up Green Remediation. **Elsevier.** 2021, 131-147. https://doi.org/10.1016/B978-0-12-823828-8.00006-2.

Communicated Book Chapters

1. **Role of Biopolymer in Development of Sustainable Technologies.**

   Monika Yadav, Manita Das, Sonal Thakore, R. N. Jadeja; Innovative Bio-Based Technologies for Environmental Remediation.

2. **Waste to Bioenergy: A Sustainable Approach.**

   Monika Yadav, Gurudatta Singh, R. N. Jadeja; Bioenergy Crops: A Sustainable Means of Phytoremediation.