

Journals (7)

1. Nidhi Agrawal, **Bharti Arora***, "Self-healing Polymers and Composites: Extrinsic Routes" **Mini-Reviews in Organic Chemistry**, 2022, 19(4), 496 - 512 I.F: **2.495 (indexed in Web of Science)**
2. **Bharti Arora***, Pankaj Attri, "Carbon Nanotubes (CNTs): A Potential Nanomaterial for Water Purification" **J. Compos. Sci.**, 2020, 4, 135. DOI: 10.3390/jcs4030135, **(indexed in Web of Science)**
3. **Bharti Arora**, Rohit Bhatia, Rashmi Tandon, Pankaj Attri, "Chemical Crosslinking: Role in Protein and Peptide Science" **Current Peptide & Protein Science**, 2017, 18, 944-953. I.F: **3.272 (indexed in Web of Science)**
4. Pankaj Attri, Rohit Bhatia, Jitender Gaur, **Bharti Arora**, Anjali Gupta, Naresh Kumar, Eun Ha Choi "Triethylammonium acetate ionic liquid assisted one-pot synthesis of dihydropyrimidinones and evaluation of their antioxidant and antibacterial activities" **Arabian Journal of Chemistry**, 2017, 10(2), 206-214. I.F: **5.165 (indexed in Web of Science)**
5. Pankaj Attri, Eun Ha Choi, Gi-Chung Kwon, Rohit Bhatia, Jitender Gaur, **Bharti Arora**, In Tae Kim, "Single-walled Carbon Nanotube-triethylammonium Ionic Liquid as a New Catalytic System for Michael Reaction" **Bull. Korean Chem. Soc.**, 2014, 35(10), 1-6. I.F: **0.969 (indexed in Web of Science)**
6. Pankaj Attri, Rohit Bhatia, **Bharti Arora**, Naresh Kumar, Ji Hoon Park, Geon Joon Lee, Ku Youn Baik, In Tae Kim, Je Huan Koo, Eun Ha Choi "Molecular interactions between carbon nanotubes and ammonium ionic liquids and their catalysis properties" **Materials Research Bulletin**, 2014, 58, 6-9. I.F: **4.641 (indexed in Web of Science)**
7. Pankaj Attri, Rohit Bhatia, **Bharti Arora**, Jitender Gaur, Ruchita Pal, Arun Lal, Varun Chopra, and Ankit Attri "Single-Walled Carbon Nanotube-Ammonium Ionic Liquid a New Catalyst for Synthesis of 3,4-Dihydropyrimidinones" **Advanced Science, Engineering and Medicine**, 2014, 6, 405-411. **(indexed in Scopus)**

Book Chapters (7)

1. **Bharti Arora**, Rohit Bhatia, Pankaj Attri "Bionanocomposites - A Green Materials for Sustainable Future" in **New Polymer Nanocomposites for Environmental Remediation**, 2018, Chapter 28, pp. 699-712 (Elsevier, UK) Hardcover ISBN: 9780128110331. doi.org/10.1016/B978-0-12-811033-1.00027-5 (Elsevier)
2. **Bharti Arora**, Ji Hoon Park, Eun Ha Choi, and Pankaj Attri "Sol-Gel based Bioceramics-From Materials to Medicine" in "Smart Ceramics: Preparation, properties and applications, 2018, Chapter 14, pp. 433-439 (Pan Stanford Publisher, CRC Press, Taylor & Francis Group, USA) **(indexed in Web of Science)**
3. **Bharti Arora**, Masaharu Shiratani, Eun Ha Choi and Pankaj Attri "Influence of Atmospheric Pressure Plasma on Biomolecules" in **Atmospheric Pressure Plasmas: Processes, Technology and Applications**, 2016, Chapter 1, pp. 1-18 (Nova Science Publishers Inc., USA). ISBN: 978-1-63485-214-2 **(indexed in Scopus)**
4. **Bharti Arora**, Eun Ha Choi, Masaharu Shiratani, and Pankaj Attri "Cellulose: A Smart Material for Water Purification" in **Smart Materials for Wastewater Applications**, 2016, Chapter 13, pp. 335-346 (Wiley John Wiley & Sons, Inc., Hoboken, NJ, USA). ISBN: 9781119041184 **(indexed in Web of Science)**
5. Rohit Bhatia, **Bharti Arora**, Jitender Gaur, Eun Ha Choi, and Pankaj Attri "Utility of Bentonite Composite for Wastewater Treatment" in **Bentonite: Characteristics Uses and Implications for the Environment**, 2015 Chapter 6, pp. 137 -150 (Nova Science Publishers Inc., USA). ISBN: 978-1-63482-187-2 **(indexed in Scopus)**
6. Pankaj Attri, **Bharti Arora**, Rohit Bhatia, Eun Ha Choi and P. Venkatesu "Plasma Technology: A New Remediation for Water Purification with or without Nanoparticles" in **Applications of Nanotechnology in Water Research**, 2014, Chapter 4, 63-78 (John Wiley & Sons, Inc., Hoboken, NJ, USA). ISBN: 978-1-118-49630-5 **(indexed in Web of Science)**
7. Pankaj Attri, Rohit Bhatia, **Bharti Arora**, Jitender Gaur, Ruchita Pal, Arun Lal, Ankit Attri, and Eun Ha Choi "Nanoparticles for the Water Purification" in **Nanocomposite for Wastewater Treatment**, 2014, Chapter 6, pp. 143-166 (Pan Stanford Publisher, CRC Press, Taylor & Francis Group, USA). ISBN 978-9-814-46354-6 **(indexed in Web of Science)**

Conference Proceedings (1)

1. Nidhi Agrawal, Bhuvnesh Kumar, Bhanu Verma, Harald Mehling, **Bharti Arora**, Experimental results of a solar space heating system with PCM: Small-scale setup and real-scale setup, 2021, **Materials Today: Proceedings (Elsevier)**, <https://doi.org/10.1016/j.matpr.2021.12.002> **(indexed in Scopus)**