

Publications:

1. Do aziridines require Lewis acids for cleavage with ionic nucleophiles?
Alakesh Bisai, Ghanshyam Pandey, **Manoj K. Pandey** and Vinod K. Singh *Tetrahedron Lett.* **2003**, *44* (31), 5839-5841.
Elsevier, Science Direct. **Impact factor-2.53**
2. Regioselective ring opening of Aziridines with activated DMF complexes: a facile synthesis of β -haloamines
Manoj K. Pandey, Alakesh Bisai and Vinod K. Singh
Tetrahedron Lett. **2004**, *45*, 9661-9663.
Elsevier, Science Direct. **Impact factor-2.53**
3. Imino-ene reaction of N-tosyl arylaldimines with α -methylstyrene: application in synthesis of important amines
Manoj K. Pandey, Alakesh Bisai, Ankur Pandey and Vinod K. Singh
Tetrahedron Lett. **2005**, *46*, 5039-5041.
Elsevier, Science Direct. **Impact factor-2.53**
4. Enantioselective turnover in glyoxylate-ene reactions catalyzed by chiral copper complexes
Manoj K. Pandey, Alakesh Bisai and Vinod K. Singh
Tetrahedron Lett. **2006**, *47*, 897-900.
Elsevier, Science Direct. **Impact factor-2.53**
5. Ionic Liquids as Media for Nucleophilic Ring Opening Fluorination of Aziridines
Shun Noritake, Norio Shibata, Hiroyuki Kawai, **Manoj Kumar Pandey**, Shuichi Nakamura, Takeshi Toru *Heterocyclic. Commun.* 2009, *15*(2), 105-113. *International Journal Heterocyclic chemistry.* **Impact factor-1.0**
6. Novel chitosan/gold-MPA nanocomposite for sequence-specific oligonucleotide detection
Shunsheng Cao, Rajeev Mishra, Srikanth Pillac, Swapnil Tripathi, Manoj K. Pandey, Gopit Shahf, Ajay K. Mishra, Mani Prabaharanh, Shivani B. Mishra, Jin Xina, R.R. Pandey, Weiwei Wua, Avinash C. Pandey, Ashutosh Tiwari
Carbohydrate Polymers *82* (2010) 189–194; **Impact factor- 3.942**
7. Influence of new fullerene derivatives with fluorocarbon substituent on performance of polymer solar cells” Ichiko Yamada, **Manoj Pandey**, Yasuhiko Hayashia*, Norio Shibata, Tesuo Soga, and Takeshi Toru; **Physics Procedia**; *14* (2011), 192–197.
8. Temperature induced structural, electrical and optical changes in solution processed perovskite material: Application in photovoltaics; Brijesh Tripathi, Parth Bhatt, Chandra Kanth P., Pankaj Yadav, Bhakti Desai, Manoj Kumar Pandey, Manoj Kumar; *Solar Energy Materials & Solar Cells*, *132*(2015)615–62; **Impact factor-5.34**

Conference & Presentations:

1. Sixth Annual Symposium Conducted by Chemical Research Society of India (CRSI) Indian Institute of Technology, Kanpur, India. February 6-8, **2004**
2. International Conference on Chemistry Biology Interface: Synergistic New Frontiers (CBISNF)
3. Dr. B. R. Ambedkar Center for Biomedical Research, University of Delhi, India November 21-26, **2004**
4. Emerging Trends in Organic Chemistry (ETOC) Indian Institute of Technology, Kanpur, India, November 9-11, **2005**
5. The Nagoya Medal of Organic Chemistry, Nagoya University, Japan, October 31st, **2008**
32nd Fluorine Conference of Japan
6. Nagoya Congress Centre, Nagoya, Japan, November 17th-18th, **2008**.
7. Global Chemical Leaders' Summit 2011 (Participated in International Exhibition, Seminar & MSME Convention. (Venue: Nirma University, Ahmedabad, 2010).
8. Induction Training Programme, 15th March-10th May , 2010
9. International Conference on Themes of higher education: Prospects of Gujarat 25th Nov 2010-26th Nov 2010.
10. Expert Lecture on topic "Chemistry in Daily Life" 12th December 2011.
11. The National Academy of Sciences (India) 82nd Annual Session and National Symposium on Nano-science & Technology for Mankind from 29th November 2012-1st December 2012 organized by Banaras Hindu University.
12. International Conference on " New Emerging Trends in Chemistry " being held at The IIS University, Jaipur, on 3-4 March 2013, which is being organized as a satellite conference of "3rd Indo-German Conference on Modeling Chemical and Biological activity
13. International conference on materials for Advanced Technologies ICMAT-2013, Suntec, Singapore "**Synthesis of Fluorocarbon Substituted Fullerene Derivatives and Study of Its Influence on Solar Cell and OLED Performance**" Manoj K.Pandey, *Pandit Deendayal Petroleum University, India (Accepted 28th March, 2013)*
14. The 5th NIPER (RBL)-CDRI Symposium on Chemical and Biological Approaches in Drug Development & Delivery Strategies." On 21st – 23 March 2013, CSIR Central Drug Research, Lucknow.
15. "Organic Chemistry Frontiers" organized by Centre of Biomedical Research (CBMR) Lucknow during July 5th -6th, 2013.
16. Organic Chemistry and interfaces (OCI) to be held Ramoji Film-city, Hyderabad, on 4th July- 6th July, 2014.