
List oPublications:

Journals

1. Mohammad Faheem Khan, **Devendra P. Mishra** Dinesh Kumar Yadav, Devendra Singh Negi Secondary metabolites of *Anthocephalus chinensis* (Lamk.): a concise review Monatshefte für Chemie - Chemical Monthly <https://doi.org/10.1007/s00706-021-02871-y> IF 1.45 (SCI, SCOPUS)
2. Sheo K. Mishra, U.K. Tripathi, R.R. Awasthi, R.K. Shukla, Indresh Kumar, Radhey Mohan Naik, **Devendra P. Mishra** CTAB mediated synthesis of ZnO nanoparticles: Structural, optical and enhanced blue-green optical emission Material Today: proceedings, 2021, 46(6), 2229-34 (SCOPUS)
3. Sheo K. Mishra, U.K. Tripathi, R.R. Awasthi, R.K. Shukla, Indresh Kumar, Radhey Mohan Naik, **Devendra P. Mishra** Sol-gel derived Al-doped ZnO nanoplates: Structural and optical properties. Material Today: proceedings, 2021, 46(6), 2197-2200 (SCOPUS)
4. Rajesh Kumar Shukla, **Devendra P. Mishra**, Anchal Srivastava, Rishi Ranjan Pandey Experimental Spectroscopic (FT-IR, NMR, UV-VIS) and DFT studies of 7-hydroxy-6-methoxy coumarin International Journal of Recent Scientific Research, 2018, 9(11), 29642-29644, ISSN: 0976-3031
5. **Devendra P. Mishra**, Dinesh K. Yadav, Mohammad Faheem Khan, Monoterpene Indole alkaloids from *Anthocephalus cadamba* fruits exhibiting Anticancerous Activity in Human Lung cancer cell line H1299, *Chemistry Select*, 2018,3,8468-72((I.F. 2.10) ONLINE ISSN:2365-6549 (SCIE, SCOPUS)
6. **Devendra P. Mishra**, Anchal Srivastava and R K Shukla. Spectroscopic and chemical reactivity analysis of D-Myo-Inositol using quantum chemical approach and its experimental verification. *J. Physics*. 2017, 89, 12 (I.F. 2.20) ISSN: 0973-7111 (SCI, SCOPUS,)
7. Abhishek K. Singh, Amit A. Joharapurkar, Mohd. Parvez Khan, Jay S. Mishra, Nidhi Singh, Manisha Yadav, Zakir Hossain, Kainat Khan, Sudhir Kumar, Nirav Anil kumarDhanesha, **Devendra P. Mishra**, Rakesh Maurya, Sharad Sharma, Mukul R. Jain, Arun Kumar Trivedi, Madan Madhav Godbole, JiurRahamanGayen, Naibedya Chattopadhyay, and Sabyasachi Sanyal. Orally active osteoanabolic agent 6-C- β -D-glucopyranosyl-(2S, 3S) -(+)- 5,7, 3',4'- tetrahydroxydihydroflavonol binds to adiponectin receptors, with a preference for AdipoR1, induces adiponectin-associated signaling and improves metabolic health in a rodent model of diabetes. *Diabetes*. 2014, 63,3530-44 (I.F. 8.4) published 10/01, 2014 ISSN: 1939-327X. (SCI, SCOPUS)
8. Mohammad Faheem Khan, **Devendra P. Mishra**, E. Ramakrishna, Arun Kumar Rawat, Akanksha Mishra, Arvind Kumar Srivastava, and Rakesh Maurya. Design and synthesis of natural triterpenoid (lupeol) analogues with their protein tyrosine phosphatase-1B inhibition activity. *Med Chem Res*. 2014 23(9) 4156-4166 ISSN NO1554-8120 (I.F. 1.96) 09/01/ 2014 (SCI, SCOPUS)
9. **Devendra P. Mishra**, Preety Dixit, Natasha Jaiswal, Jyotsana Pandey, Akhilesh Kumar Tamarkar, Arvind Kumar Srivastava, Rakesh Maurya. Constituents of *Anthocephalus Chinensis* (Lamk) leave as α -glucosidase inhibitors. *Trends in Carbohydrate Research*. 2012, 4, 42-46. (I.F. 0.56) ISSN NO: 0975-0304 (SCI)
10. Kailash Chand, Akanksha, Neha Rahuja, **Devendra P. Mishra**, Arvind K. Srivastava, Rakesh Maurya. Major alkaloidal constituent from *Impatiens niamniamensis* seeds as antihyperglycemic agent. *Med. Chem. Res.*2011, 20, 1505-1508.(I.F. 1.96) 05/08/2010 ISSN NO1554-8120 (SCI, SCOPUS)
11. Manmeet Kumar, Preeti Rawat, Preety dixit, **Devendra P. Mishra**, Abnish K. Gautam, Rashmi Pandey, Divya Singh, Naibedya Chattopadhyay, Rakesh Maurya. Anti-osteoporotic

constituents from Indian medicinal plants. *Phytomedicine*. 2010, 17, 993-999 (I.F. 4.26)
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Patent

- Sanyal Sabyasachi, Naibedya Chattopadhyay, Rakesh Maurya, Jiaur Rahman Gayen, SmratiBhadauria, Arun Kumar Trivedi, Abhishek Kumar Singh, Jay Sharan Mishra, Rashmi Kumari, Kunal Sharan, Mohd. Parvez Khan, Kainat Khan, Nidhi singh and Shailendra Kumar Dhar Dwivedi, Manisha Yadav, Preeti Dixit, **Devendra P. Mishra**, Sharad Sharma and Kamal Ram Arya **ULMOSIDE-A: Useful for Prevention or Cure of Metabolic Diseases**, PCT/IN2014/000464

Book Chepters

- Plant Neoflavonoids: Chemical Structures and Biological Functions, Padam Kumar, Tanveer Ahamad, **Devendra P. Mishra** and M. F. Khan, Plant-derived Bioactives pp 35-57, 2020 - Springer, Singapore (ISBN 978-981-15-2360-1)
- Vinay Kumar, Pokharaj Sahu, Pramod Kumar Singh, Nishi K Shukla **Devendra P. Mishra**, Markandey. Evaluation and Quantification of Anionic Surfactants in the Gomati River at Lucknow City, India Promising Techniques for Wastewater Treatment DOI: <http://dx.doi.org/10.5772/intechopen.93517> (ISBN: 978-1-83881-901-9)

Proceedings

- **Devendra P. Mishra**, Rishi R. Pandey. Development and validation of HPLC method for the Quantitative determination of (E)-3-(3-(dimethylamino) propyl)-3- (3-(4-hydroxy-3 methoxyphenyl) acryloyl) dihydrofuran-2(3H)-one tartarate as a potential spermicide (AIP Conference ICMM 2019) (SCOPUS)