LIST OF PUBLICATIONS

Research publications from thesis

1. **Neeraj Kumar**, Bikram Singh, Pamita Bhandari, Ajai P. Gupta, Sanjay K. Uniyal, Vijay K. Kaul. Biflavonoids from *Lonicera japonica*. *Phytochemistry*, **2005**, *66 (3)*, 2740-2744.

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3. **Neeraj Kumar**, Bikram Singh, Vijay K. Kaul. Flavonoids from *Rosa damascena* Mill. *Natural Product Communications*, **2006**, *1(8),* 623-626.

4. **Neeraj Kumar**, Pamita Bhandari, Bikram Singh, Ajai P. Gupta and Vijay K. Kaul. Steroidal alkaloids from *Holarrhena antidysenterica*. *Chemical and Pharmaceutical Bulletin,* **2007**, *55 (6)*, 912-914.

5. **Neeraj Kumar**, Pamita Bhandari, Bikram Singh and Vijay K. Kaul. Saponins and volatile constituents and from *Lonicera japonica* growing in Himalayan region of India. *Natural Product Communications*, **2007,** *06*, 633-636.

6. Pamita Bhandari, **Neeraj Kumar**, Ajai P. Gupta, Bikram Singh, Vijay K. Kaul. A rapid RP-HPTLC densitometry method for simultaneous determination of major flavonoids in important medicinal plants, *Journal of Separation Science,* **2007**, *30*, 2092-2096.

7. **Neeraj Kumar**, Pamita Bhandari, Ajai P. Gupta, Bikram Singh and Vijay K. Kaul. Reversed phase-HPLC for rapid determination of polyphenols in flowers of *Rose* species. *Journal of Separation Science,* **2008**, *31*, 262-267.

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9. **Neeraj Kumar**, Bikram, Singh, Vijay K. Kaul, P. S. Ahuja. In "Chemical and Biological Aspects of Iridoid Bearing Plants of Temperate Region" in "*Studies in Natural Products Chemistry*, vol.32, **2005**" editor Att-ur-rahman, Elsevier Publication, Netherlands.

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10. **Neeraj Kumar**, Pamita Bhandari, Bikram Singh, Shamsher S. Bari. High-performance thin layer chromatography for determination of conessine in *Holarrhena antidysenterica*. *Journal of Separation Science,* **2010**.

11. **Neeraj Kumar**, Pamita Bhandari, Bikram Singh, Shamsher S. Bari. High-performance thin layer chromatography for determination of taxanes in *Taxus wallichiana* distributed in Western Himalaya. *Journal of Separation Science,* **2010**.

12. **Neeraj Kumar**, Pamita Bhandari, Bikram Singh, Shamsher S. Bari. Ultra-performance liquid chromatography-electrospray ionization tandem mass spectrometry for determination of taxanes in *Taxus wallichiana* distributed in Western Himalaya. *Journal of Pharmaceutical and Biomedical Analysis,* **2010**.

13. **Neeraj Kumar**, Pamita Bhandari, Bikram Singh, Shamsher S. Bari. Electrospray ionization tandem mass spectrometry for determination of steroidal alkaloids in *Holarrhena antidysenterica*. *Rapid Communication in Mass Spectrometry,* **2010**.

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14. Pamita Bhandari, **Neeraj Kumar**, Bikram Singh, Vijay K. Kaul. Bacosterol glycoside, A New 13, 14-Seco-steroid glycoside from *Bacopa monnieri*. *Chemical and Pharmaceutical Bulletin*, **2006**, *54 (2)*, 240-241.

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33. Rajbir Singh, Bikram Singh, Sukhpreet Singh, **Neeraj Kumar**, S Kumar, Saroj Arora. Umbelliferon - an antioxidant isolated from *nilotica* (L) Willd. Ex. Del. *Food Chemistry,* 2010, *120(3)*, 825-830.

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