

Dr. Om Prakash

Professor

List of Publications:

1. **Om Prakash** and A.K Pant. (2005). *Curcuma amada* Roxb. - Comparison of rhizome essential oil from different region. *Indian Perfumer* **49** (2), 185-187.
2. S. Joshi, **Om Prakash**, G. Agarwal and A.K. Pant. (2005). Variation in Chemical composition of essential oil of *Angelica glauca* Edgew root from different regions. *Indian Perfumer* **49** (3), 339-343.
3. Nirmala Joshi, **Om Prakash**, S. Joshi, A. Shukla and A.K Pant. (2005) Composition of Essential oil of *Ocimum basilicum* L. grown organically. *Indian Perfumer*. **49** (3), 317-319.
4. **Om Prakash**, Anzum Zafar, S.K. Hore, A.K. Pant and C.S. Mathela. (2005). Effect of aqueous extracts of *Hedychium coronarium* Koen. Rhizomes and seeds and rhizomes of *Zingiber roseum* Rosc. on rat duodenal smooth muscle. *Veterinary Journal of Pharmacology and Toxicology*, **4** (1-2), 50-51
5. G. Agarwal, S. K. Hore, **Om Prakash**, and A. K. Pant (2006). Hypotensive activity of *Trichilia connaroides* extracts in rats. *Veterinary Journal of Pharmacology and Toxicology*. **5**, (1-2). 72-73.
6. Sushil Joshi, Prason K. Joshi, **Om Prakash**, Suresh Singh, V. K. Kasana and A. K. Pant (2006). Chemical, biocidal and pharmacological aspects of *Polygonum* species. *Journal of medicinal and aromatic plant sciences*. **28**, 67-81
7. **Om Prakash**, A.K.Pant and C.S.Mathela (2006). Linalool rich essential oil from the rhizomes of *Zingiber roseum* Rosc. *Journal of essential oil research*. **18**, 638-639.
8. **Om Prakash**, V.K. Kasana, A.K. Pant, Anjum Zafar, S.K. Hore and C.S. Mathela (2006). Phytochemical composition of essential oil from seeds of *Zingiber roseum* Rosc. and its antispasmodic activity in rat duodenum. *Journal of Ethnopharmacology*. **106**, 344-347.
9. **Om Prakash**, Sushil Joshi, A.K. Pant C.S. Chanotiya and C.S. Mathela (2007). Volatile Constituents of parts of Rhizomes and Leaves of *Alpinia allughas* Roscoe. *Journal of essential oil research*, **19**, 407-409.
10. **Om Prakash**, S.Joshi, A.K. Shukla and A.K. Pant (2007). Sesquiterpenoid Rich essential Oil from the Leaves of *Pogostemon patchouli* Plet Grown Organically Under Tarai Conditions. **10** (2), 157-161.
11. Siddhartha Pandey, **Om Prakash**, Anjum Zafar, S.K. Hore, C.S. Mathela and A.K. Pant, (2007). Myorelaxant Effect of Essential Oil of Rhizome of *Alpinia calcarata* Rosc. On Rat Duodenal Smooth Muscle. *Natural product communication*. **2** (7), 789-793
12. Sushil Joshi, Chandan Singh Chanotiya, Garima Agarwal, **Om Prakash**, Anil K. Pant, and Chandra S. Mathela (2008). Terpenoid compositions, and antioxidant and antimicrobial properties

of the rhizome essential oils of different *Hedychium* species. *Chemistry and Biodiversity*. **5**, 299-309

13. Sushil Joshi, **Om Prakash**, Subrata Kumar Hore, Anjum Zafar and Anil Kumar Pant(2008).Hepatoprotective and Antioxidant Activity of the Aqueous Extract of *Angelica glauca*Edgew. Root. *Asian Journal of Traditional Medicine*. **3(2)**, 58-66.
14. Ravendra Kumar, **Om Prakash**, Anil K. Pant, Subrata K. Hore, Chandan S. Chanotiya and Chandra S. Mathela. (2009). Compositional Variations and Anthelmintic Activity of Essential Oils from Rhizomes of Different Wild Populations of *Acorus calamus* L. and its Major Component β -Asarone. *Natural product communication***4** (2), 275-278
15. Sushil Joshi, **Om Prakash**, Anil K. Pant and C. S. Mathela (2010). Chemical Composition, Antioxidant and Antimicrobial Activities of *Alpinia nutans*Rosc. *J. essenoilRes*,**22**, 85-90.
16. **Om Prakash**, M. Rajput, Mahesh Kumar and A. K. Pant (2010) Chemical composition and antibacterial activity of rhizome essential oils From *Hedychium spicatum* Buch-Ham. and *Hedychium coronarium*Koenig *Journal of essential bearing plants* **13(2)**,250-259.
17. Prakash Singh, Vivekanand, **Om Prakash** and Anil K. Pant (2010). Chemical Composition and Antibacterial Screening of Essential Oil from *Citrus Jambhiri*L *Indian perfumers* **54 (1)** 48-52.
18. Mamta Latwal, Ganesh Panday, **Om Prakash**, Sudha Kanaujia, K.R. Kanaujia, A.L. Prasuna and K.N. Jyothi (2010) Ovipositional deterrence by egg extracts of *Caryedon serratus* (Olivier)*Journal of Biopesticides* **3**(Special Issue) 400 – 404.
19. **Om Prakash**, M. Rajput, Mahesh Kumar and A.K. Pant(2010).Chemical Composition and Antibacterial Activity of Rhizome Oils from *Hedychium coronarium*Koenig and *Hedychium spicatum* Buch-Ham.*J. of essential oil-bearing plants***13(2)**,250-259.
20. Manisha Arora, Jugendra Pal, **Om Prakash**, A.K. Pant, C.S. Mathela and S. Kanaujia (2010).*Zingiber chrysanthum*Rosc. : Essential Oil Composition anti-oxidant and Antispasmodic Activity on Isolated Rat Duodenum. *International Journal of essential oil therapeutics***4**, 29-34
21. Jugendra Pal, S. P. Singh, **Om Prakash**, M. Batra, A.K. Pant and C.S.Mathela. (2011).Hepatoprotective and Antioxidant Activity of *Zingiber chrysanthum*Rosc. Rhizomes.*Asian journal of traditional medicine* **6 (6)**, 242-251.
22. Shailendra S. Chauhan **Om Prakash**, Rajendra C. Padalia, Vivekanand, Anil K. Pant and Chandra S. Mathela (2011) Chemical Diversity in *Mentha spicata* L. with Antioxidant and Fumigation Activity of Essential Oils *Natural Product Communication***6** (9),1373-1378.
23. Ravendra Kumar, Gaurav Verma, **Om Prakash**, A. K. Pant (2011) Head space GC/MS analysis of volatile constituents of *Trichilea.connaroides* Wight and Arn. Extracts and their In *Vitro* anti - plasmodium activity against *Plasmodium falciparum* isolates. *Research journal of phytochemistry*, 1-7 ISSN 1819-3471 / DOI: 10.3923/rjphyto.2011.

24. **Om Prakash**, Manjul Gondwal and A K Pant. (2011). Essential oils composition and antioxidant activity of water extract from seeds and fruit pulp of *Skimmia anquetilia* N.P. Taylor & Airy Shaw, *Indian Journal of Natural Products and Resources*, Vol. 2(4) 435-441.
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26. Jugendra Pal, S.P. Singh, **Om Prakash**, A.K. Pant and C.S. Mathela (2011) Effect of essential oils on duodenum smooth muscles. *Journal of Veterinary Pharmacology nad Toxicology* 10(1-2)78-80.
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32. Pankaj Singh Parihar, **Om Prakash** and H. Punetha (2012). Investigation on defensive enzyme activity of *Brassicajuncea* genotypes during pathogenesis of *Alternaria* blight. *Nature and Science*. 10(2), 63-68
33. Gajendra S., Jeen, H. Punetha, **Om Prakash** and K.P.S. Kushwaha (2013) Oyster Mushroom: Cultivation practices and nutritional aspects. Indian farmers' digest. Directorate communication, Pantnagar 46,(4).29-31.
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39. Gajendra S. Jeena, H. Punetha, **Om Prakash**, Dinesh Pandey and K.P.S. Kushwaha (2013) Investigation on nutritional characterization and element profiling of some *Pleurotus* species (Dingri mushroom) *Pantnagar Journal of research*, 11(3), 405-408.
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75. Ravendra Kumar, **Om Prakash**, Anil K Pant, Mahesh Kumar, Valary A Isidorov, Lech Szczepaniak. (2017) Chemical composition and anti-inflammatory, anti-nociceptive and antipyretic activity of rhizome essential oil of *Globba sessiliflora* Sims. collected from Garhwal region of Uttarakhand. *Journal of Herbal Drugs*, 8 (1), 59-69, doi: 10.18869/JHD,59-69.
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