

Dr. Kuldip Chandra Verma

Research Papers

1. Kuldip Chandra Verma (2022) Assessment of squalene variability and its enhancement in Amaranthus (*Amaranthus caudatus* L.) populations: With application to vaccine development. Biotechnology and Applied Biochemistry Article ID: 17300244, DOI: 10.1002/bab.2319.
2. **Kuldip Chandra Verma**, Amit Singh Rana, Nidhi Joshi and Dheeraj Bhatt, (2020). Review on common buckwheat (*Fagopyrum esculentum* Moench): A potent Himalayan crop. Annals of Phytomedicine 9(2): 125-133
3. **Kuldip Chandra Verma**, Nidhi Joshi, Amit Singh Rana and Dheeraj Bhatt(2020): Quality parameters and medicinal uses of foxtail millet (*Setaria italica* L.): A review. Journal of Pharmacognosy and Phytochemistry. 9(4): 1036-1038
4. Nidhi Joshi and **Kuldip Chandra Verma**(2020): A review on nutrition value of Amaranth (*Amaranthus caudatus* L.): The crop of future. Journal of Pharmacognosy and Phytochemistry. 9(4): 317-319
5. **K.C.Verma(2018)**: Biochemical Constituents of Buckwheat (*Fagopyrum esculentum* Moench) collected from different geographical regions of Himachal Pradesh. Molecular Biology Reports: 45 (6): 2681–2687. DOI: 10.1007/s11033-018-4437-8
6. **K.C.Verma**, S. K. Verma and K. Bains(2016) Biophysicochemical evaluation and micropropagation study of *Jatropha curcas*, and *Ricinus communis* for biodiesel production. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects. 38(6): 797-804
7. **K.C.Verma**, U.S.Singh, S.K.Verma and A.K.Gaur(2016) Molecular profiling of *Jatropha curcas* L. collected from different geographical locations of India. International Journal of Ambient Energy.37(1):20-23 DOI: 10.1080/01430750.2013.870603
8. **K.C.Verma** and S. K. Verma (2015) Biophysicochemical evaluation of *Jatropha curcas* biotypes for biodiesel production. Journal of Bioenergy and Biofuels. 1(1):86-91
9. **K.C.Verma** and S. K. Verma (2015) Interaction effect of explants types and phytohormones on tissue culture of *jatropha curcas* seed embryo. Bioscan. 10(2): 563-566
10. **K.C.Verma** and S. K. Verma (2015) Biophysicochemical evaluation of wild hilly biotypes of *Jatropha curcas* for biodiesel production and micropropagation study of elite plant parts. Applied Biochemistry and Biotechnology.175(1): 549-559
11. **K. C. Verma** and S. Sapra, A. Bagga, M. A. Baigh(2014) Antioxidant activity assay of stem and *In vitro* callusing of *Tinospora cordifolia* (Miers.). Journal of Spices and Aromatic Crops. 23 (1): 91-97
12. **K.C.Verma**, M. A. Baigh, A. Bagga and S. Sapra(2013): Active ingredients under *Ex-situ* and *In-vitro* conditions of *Rauwolfia serpentina* L. and *Vinca minor* L.: Bioinfolet: 10(2a): 358-261
13. **K.C. Verma** and Nisha Juneja(2013): Biophysicochemical evaluation and micropropagation study of *Jatropha curcas* L. collections for biodiesel production:

14. **K.C.Verma**(2013): Micropropagation study of *Jatropha curcas* for enhancing shoot induction frequency: International Journal of Agriculture, Environment and Biotechnology: 6(2): 217-222
15. S. Sapra, A. Bagga, S.K.Verma and **K.C.Verma**(2012): Comparison of various active ingredients between *Ex-situ* and *In-vitro* grown plants of *Withania somnifera* L. and *Cichorium intybus* L.: Bioscan: 7(2) : 347-351
16. **K.C.Verma** and M. A. Baigh(2012): Response of phosphorus and molybdenum on yield and quality attributing characters of indian mustard (brassica juncea l. czern & coss): Bioscan: 7(3) : 437-440
17. **K.C.Verma**, S.K.Verma and A.K.Gaur(2012): Biophysicochemical evaluation of *Jatropha curcas* L. collections for biodiesel production: Energy Sources, Part A: Recovery, Utilization, and Environmental Effects:37:2302–2308: DOI 10.1080/15567036.2012.698368
18. **K.C.Verma** and Nisha Juneja(2012): *Jatropha curcas* L.: Multipurpose Biofuel Plant: Agri. Reviews: 33(2): 165-169(4.37) Print ISSN: 0253-1496 **Online ISSN: 0976-0539**
19. **K.C.Verma**(2010): Ashwagandha (*Withania somnifera* Dunal): Wonder Medicinal Plant: Agri. Review: 31 (4): 292 – 297
20. **K.C.Verma** and A.K.Gaur (2011): Comparative callus induction efficiency from different explants of *Jatropha curcas* L. with respect to different phytohormonal combination: Pantnagar J. of Research:9(1):91-95(4.60)
21. **K.C.Verma** and A.K.Gaur (2011): Evaluation of response of from different explants of Ashwagandha (*Withania somnifera* Dunal) *In vitro*: Pantnagar J. of Research:9(2):253-258
22. **K.C.Verma** and S.K.Verma(2010): Analysis of active ingredients and SDS-PAGE profiling of aonla (*Phyllanthus emblica* L.): Agric. Sci. Digest : 30(1): 29-31
23. **K.C.Verma** and S.K.Verma(2010): Alkaloids analysis in root and leaf fractions of Sarpagandha (*Rauwolfia serpentina*): Agric. Sci. Digest : 30(2): 130-133
24. **K.C.Verma** and A. K. Gaur(2011): Protein and alkaloid profiling from seeds and root of Indian Ginseng (*Withania somnifera* Dunal): Agric. Sci. Digest : 31 (1) : 51 – 53
25. **K.C.Verma** and A.K.Gaur (2009): *Jatropha curcas* L.: Substitute for conventional energy. World Journal of Agriculture Sciences: 5(5): 552-556
26. **K.C.Verma** ,A.K.Gaur and U.S.Singh (2008)Evaluation of *In vitro* responses from different explants of elite *Jatropha curcas* L. *Indian J. Plant Physiology* 13(3):231-237