## Publications

**2014 Onwards:**

1. Suman Sangwan, **Singh Rajvir** and Gulathi Sushil. (2019). Lemon juice as an efficientand recyclable biocatalyst for one pot three component green synthesis of substituted 5-amino-1-(2,4-dinitrophenyl)=1H- pyrazole-4-carbonitriles. *Current Organic Synthesis*. (accepted)

2. Suman, Anjani, Suprita, Sheetal, Sushil Gulathi and **Singh Rajvir** (2018). Green and Environmentally benign organic synthesis by using fruit juice as biocatalyst: A review. *International research journal of pure & applied chemistry.* 16 (1); 1-15

3. Kumari Sumona, **Singh Rajvir**, Punia Jyoti and Meera (2018). Investigation of chemical constituents and antifungal activity of flowers of Nyctanthes arbor –tristis. *International Journal of Chemical Studies*. 6(20 821-26.

4. **Singh Sushila**, Rani Savita and Nehra Sukriti (2018). Assessment of Pod Coats for the Study of Antioxidant Prospective in Cowpea, Mungbean and Moth Bean, *International Journal of Current Microbiology and Applied Sciences*, 7 (3) 3476-3483.

5. **Sushila Singh,** Praveen Kumari and Sukriti Nehra (2018). Antioxidant potential of pod coats extracts of cluster bean and their efficacy in stabilizing soybean oil, *Journal of Pharmacognosy and phytochemistry*, 7 (2): 1806-1810.

6. Promila and **Singh Sushila** (2018). Applications of green solvents in extraction of phytochemicals from medicinal plants: A review, *The Pharma Innovation,* 7 (3): 238-245.

7. Punia, Jyoti, **Singh Rajvir** and Suman (2018). Phytochemical investigations and antifungal activity of bark of Moringa oleifera (Lam). *Asian Journal of Chemistry*, 30(9), 1966-1970.

8. Punia Jyoti and **Singh Rajvir** (2018). Phytochemistry and pharmacological properties of leaves of moringa oleifera: An overview. *International journal of Chemical Studies*. 6(2), 3369-3375.

9. Punia Jyoti and **Singh Rajvir** (2018). Studies on phytoconstituents and biological potential of stem of *Moringa oleifera*. *Oriental Journal of Chemistry,* 1589-1596.

10. Punia, Jyoti and **Singh Rajvir** (2018). Isolation, characterization and biological potential of compounds from flowers of *Moringa olifera. J. Indian. Chem. Soc.* Vol. 95, 1107-1120.

11. Suman, Anjani, Suprita, Sheetal, sushil Gulathi and **Singh Rajvir** (2018). Green Chemistry applications: A brief review on variety of uses. *International Journal of Chemical studies.* 6 (1): 1517-1522.

12. Suprita, **Singh Rajvir**, Suman and Susheel (2017). Green methods for synthesis of various hetercyles: Sustainable approach. *International Journal of Chemical studies*. 5(6) :479-485.

13. Punia Jyoti and **Singh Rajvir** (2017). Anti-oxidant potential and nutritional content of stem, bark and pod of drumstick tree (*Moringa oleifera* Lam.) from semi-arid region of Haryana. *Journal of Indian Chemical Society.*Vol.94 pp 85-92.

14. Punia Jyoti & **Singh Rajvir,** Kumari Sumona & Gurav N D (2017). Phytochemical investigations and biological potential of *Moringa oleifera* pods. *Asian J Chemistry*Vol. 29(6), 1341-1346

**15.** Kumari Sumona, **Singh Rajvir**, Gurav N D and Mehta Naresh (2017). Isolation and characterization of bioactive compounds from stem of *Nyctanthes arbor-tristis* linn. and effect of different fractions on phytopathogens. *Asian J. Chem.*Vol. 29.No.4 (2017),787-791**.**

16. **Singh Sushila**, Promila and Devi Parvesh (2017). Isolation and characterization of chemical constituents from Dalbergia sissoo Roxb. Stem. *International Journal of Chemical Studies* 5 (6): 1504-1506.

17. **Singh Sushila**, Devi Parvesh and Promila (2017). Ionic liquids: Green solvents of sustainable chemistry. *International Journal of Chemical Studies*, 5 (6):1497-1503

18. Kaur Pervinder, Randhawa S.K., **Duhan Anil** and Bhullar MS (2017). Influence of long term application of butachlor on its dissipation and harvest residues in soil and rice. *Bulletin of Environmental Contamination and Toxicology*. 98:874–880

19. Loura Pardeep, **Singh Rajvir** and Meera (2016). Isolation of chemical constituents and allelopathic activity of Albizia-lebbek (L) bark. *Int. J. Sci. & Appl. Sci. Aspect.* Vol. 2 (1) 67-72.

20. Kumari Sumona and **Singh Rajvir (**2016). Phytochemical analysis of Methanolic Extracts of different parts of *Nyctantheses arbor tristis* and Antibacterial activity of flowers extracts. *Annals of Agri Bio Research.* (Accepted).

21. Kumari Sumona and **Singh Rajvir** (2016). Investigation of chemical constituents and antifungal activity of flowers of Nyctantheses arbor tristis. *J. Ind Chem. Soc* (Communicated).

22. Verma Mona, Saroj S. Jeet Singh, **Singh Rajvir** (2016) Ecofriendly dyeing of Cotton Fabric after Biopolymer Treatment by using Leaves of *Psidium guajava*. *International Journal of Innovative Research in Science, Engineering and Technology*. (IJIRSET), Vol. **5**, issue 9, 16518-21.

23. **Singh Sushila**, **Madan V. K.** and Devi Parvesh (2016). Estimation of phytochemicals, antioxidant and antifungal activity of *Tamarix aphylla* (L.) Karst. stem-bark extract, *International Journal of Basic and Applied Scientific Aspects*, 2 (1): 76-82.

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30. **Duhan Anil**, Sushil, Punia S. S. and Singh Samar (2016). Determination of harvest time residues of halosulfuron in sugarcane and soil. *Agriculture Research Journal* 53(2): 280-282.

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39. Suman, Sheetal, Suprita, Susheel Gulathi and **Singh Rajvir** (2015): Go Green with green Catalysis; a focus and review on advancement of Biocatalysts. *International Journal of Science*& Research (IJSR): Vol. 7 (2) Feb; 2018. 1244-1262.

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