

Review Articles

1. Kripal Singh, **Rana Pratap Singh** and Shri Krishna Tewari (2021). Ecosystem restoration: challenges and opportunities for India. *Restoration Ecology*, doi: 10.1111/rec.13341.
2. Kumar, Pawan and **Singh, Rana Pratap** (2020). Potentials and limitations of multifunctional microbial stimulants in sustainable agriculture. **RASSA Journal of Science for Society**, 2(1), 21-26.
3. Agrawal, Aditya Vikram and **Singh, Rana Pratap** (2020). Sustainability bottlenecks in technology-led solutions for arsenic mitigation programs in Indian subcontinent. *EnviroNews, January, 2020*.
4. Sachdev, Swati and **Singh, Rana Pratap** (2017), Sustainable management of soil borne pathogens of tomato. *International Journal of Science, Technology and Society*, 3(2), 36-40.
5. Awasthi, Ashutosh, Singh, Kripal, **Singh, Rana Pratap** (2017), A concept of diverse perennial cropping systems for integrated bioenergy production and ecological restoration of marginal lands in India. *Ecological Engineering* , 105, 58-65, <http://dx.doi.org/10.1016/j.ecoleng.2017.04.049> [Impact Factor: ISI=3.231]
6. Awasthi, Ashutosh, Singh, Kripal, Grady, Audrey O, Courtney, Ronan, Kalra, Alok, **Singh, Rana Pratap**, Cerda, Artemi, Steinberger, Yosef and Patra, D.D (2016), Designer ecosystems: A solution for the conservation-exploitation dilemma, *Ecological Engineering* , 93, 73-75 [Impact Factor: ISI=3.231]
7. Baudhh, Kuldeep, Singh, Kripal, Singh Bhaskar, **Singh, Rana Pratap** (2015). *Ricinus communis*: A robust plant for bio-energy and phytoremediation of toxic metals from contaminated soil. **Ecological Engineering**, Vol 84:640-652. [dx.DOI.org/10.1016/j.ecoleng.2015.09.038](http://dx.doi.org/10.1016/j.ecoleng.2015.09.038)[Impact Factor: ISI=3.231]
8. Pandey, V.V., Singh, J.S., Singh, D.P., **Singh, Rana Pratap** (2014). Methanotrophs: promising bacteria for environmental remediation. *International Journal of Environmental Science and Technology*, 11:241-250 DOI 10.1007/s13762-013-0387-9 [Impact Factor: ISI=1.844].

9. Pandey V.C., Singh, K., Singh J.S., Kumar A., Singh B. and **Singh, Rana Pratap**, (2012). *Jatropha curcas*: A potential biofuel plant for sustainable environmental development. *Renewable and Sustainable Energy Reviews*. 16, 2870-2883 [**Impact Factor: ISI=7.896 (Five year); SJR = 3.120, 6.798**].
10. Pandey V.C., Singh J.S., **Singh, Rana Pratap**, Singh N. and Yunus M. (2011). Arsenic hazards in coal fly ash and its fate in Indian scenario. *Resources, Conservation and Recycling*, 55, 819-835. [**Impact Factor: ISI=2.692**]
11. Singh, J. S. Abhilash, P.C, Singh H.B., **Singh, Rana Pratap** and Singh D.P. (2011). Genetically engineered bacteria: An emerging tool for environmental remediation and future research perspectives. *Gene* 480, 1–9 [**Impact Factor: ISI=2.268; NAAS=7.70**].
12. Sonia, Jaiwal, R., **Singh, Rana Pratap** and Jaiwal P.K., (2007) Genetic Engineering for Storage pest resistance in plants. *Physiol. Mol. Biol. Plants*. 13: 101-113 [**Impact Factor: ISI = 1.351; NAAS=5.2**]
13. Chhabra, G., **Singh, Rana Pratap** and Jaiwal P.K. (2007) Duckweed (*Lemna* spp) Biotechnology for Commercial Exploitation. *Physiol. Mol. Biol. Plants* 13: 1-7. [**Impact Factor: ISI = 1.351; NAAS=5.2**]
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