

List of publications:

1. Mahima, K., Sudhakar, J. V., & **Sathishkumar, R.** (2020). Molecular phylogeny of the *Ficus virens* complex (Moraceae). *Genome*, 63(12), 597-606.
2. Xiao, S., Gao, W., Chen, Q. F., **Ramalingam, S.**, and Chye, M. L. (2008). Overexpression of membrane-associated acyl-CoA-binding protein ACBP1 enhances lead tolerance in *Arabidopsis*. *The Plant Journal (UK)*. 54(1), 141-151. <https://doi.org/10.1111/j.1365-3113X.2008.03402.x> IF :5.726
3. Selvaraj, D., Shanmughanandhan, D., Sarma, R. K., Joseph, J. C., Srinivasan, R. V., and **Ramalingam, S.** (2012). DNA barcode ITS effectively distinguishes the medicinal plant *Boerhaviadiffusa* from its adulterants. *Genomics, Proteomics & Bioinformatics*, 10(6), 364-367. <https://doi.org/10.1016/j.gpb.2012.03.002>. IF: 6.597
4. Newmaster, S. G., Grguric, M., Shanmughanandhan, D., **Ramalingam, S.**, and Ragupathy, S. (2013). DNA barcoding detects contamination and substitution in North American herbal products. *BMC Medicine*, 11(1), 222. <https://doi.org/10.1186/1741-7015-11-222>. IF: 8.285
5. Indian Pulses: A Review on Nutritional, Functional and Biochemical Properties with Future Perspectives. V Baskar, S Dhivya, S Arti, **R Sathishkumar**, Guoyin Kai, N Shivraj, *Trends in Food Science & Technology*, 88, 228-242 (2019). <https://doi.org/10.1016/j.tifs.2019.03.012>. IF:8.519 5.
6. Genome-Wide Analysis of Purple Acid Phosphatase (PAP) Family Proteins in *Jatropha curcas* L. V Baskar, S Dhivya and **R Sathishkumar**, *International Journal of Biological Macromolecules*, 123, 648-656 (2019). <https://doi.org/10.1016/j.ijbiomac.2018.11.027> IF:4.784
7. **Sathishkumar, R.**, Kumar, S. R., Hema, J., & Baskar, V. (Eds.). (2019). *Advances in Plant Transgenics: Methods and Applications*. Springer.
8. Sivakumar, S., Siva, G., Sathish, S., Kumar, G. P., Vigneswaran, M., Vinoth, S., ... & Jayabalan, N. (2019). Influence of exogenous polyamines and plant growth regulators on high frequency in vitro mass propagation of *Gloriosa superba* L. and its colchicine content. *Biocatalysis and Agricultural Biotechnology*, 18, 101030.
9. Baskar, V., Kuppuraj, S. P., Samynathan, R., & **Sathishkumar, R.** (2019). New-Generation Vectors for Plant Transgenics: Methods and Applications. In *Advances in Plant Transgenics: Methods and Applications* (pp. 101-125). Springer, Singapore.
10. Iyappan, G., Omosimua, R. O., & **Sathishkumar, R.** (2019). Enhanced Production of Therapeutic Proteins in Plants: Novel Expression Strategies. In *Advances in Plant Transgenics: Methods and Applications* (pp. 333-351). Springer, Singapore.