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Curriculum Vitae
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Publications

Master's Thesis

1. Monier, B (2013). "The Analysis of Cytotypic Variation and Construction of a BAC Library of Midwestern Prairie Cordgrass (*Spartina pectinata* Link) Genotypes". MS Thesis. South Dakota State University.

PhD Thesis

1. Monier, B (2018). "Microbial Communities and Their Impact on Bioenergy Crops in Dynamic Environments". PhD thesis. South Dakota State University.

Book Chapters

1. Monier, B, V Peta, J Mensah, and H Bücking (2017). "Inter- and Intraspecific Fungal Diversity in the Arbuscular Mycorrhizal Symbiosis". In: *Mycorrhiza - Function, Diversity, State of the Art*. Ed. by A Varma, R Prasad, and N Tuteja. Cham: Springer International Publishing, pp. 253–274. https://doi.org/10.1007/978-3-319-53064-2_12.

Research Papers

1. McDermaid, A, B Monier, J Zhao, B Liu, and Q Ma (2018). Interpretation of differential gene expression results of RNA-seq data: review and integration. *Briefings in Bioinformatics*, bby067. eprint: [/oup/backfile/content_public/journal/bib/pap/10.1093_bib_bby067/2/bby067.pdf](https://oup/backfile/content_public/journal/bib/pap/10.1093_bib_bby067/2/bby067.pdf).
2. McDermaid, A, B Monier, J Zhao, and Q Ma (2018). ViDGER: An R package for integrative interpretation of differential gene expression results of RNA-seq data. *bioRxiv*. eprint: <https://www.biorxiv.org/content/early/2018/02/21/268896.full.pdf>.
3. Monier, B, A McDermaid, J Zhao, A Fennell, and Q Ma (2018). IRIS-EDA: An integrated RNA-Seq interpretation system for gene expression data analysis. *bioRxiv*. eprint: <https://www.biorxiv.org/content/early/2018/06/24/283341.full.pdf>.