



LI-8100

Publications List

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- Abideen, Z., H.-W. Koyro, B. Huchzermeyer, G. U. L. Bilquees and M. A. Khan (2020). "Impact of a biochar or a biochar-compost mixture on water relation, nutrient uptake and photosynthesis of *Phragmites karka*." *Pedosphere* 30(4): 466-477.
- Ahirwal, J. and S. K. Maiti (2018). Carbon sequestration and Soil CO₂ flux in reclaimed coal mine lands from India. *Bio-Geotechnologies for Mine Site Rehabilitation*, Elsevier: 371-392.
- Ahirwal, J. and S. K. Maiti (2018). "CARBON SEQUESTRATION AND SOIL COAL CO MINE 2 FLUX LANDS IN RECLAIMED FROM INDIA." *Bio-Geotechnologies for Mine Site Rehabilitation*: 371.
- Aimé, J., M. Allenbach, C. Bourgeois, A. Léopold, A. Jacotot, T. Van Vinh, N. T. Nho, L. Della Patrona and C. Marchand (2018). "Variability of CO₂ emissions during the rearing cycle of a semi-intensive shrimp farm in a mangrove coastal zone (New Caledonia)." *Marine pollution bulletin* 129(1): 194-206.
- Ali, S., Y. Xu, I. Ahmad, Q. Jia, H. Fangyuan, I. Daur, T. Wei, T. Cai, X. Ren and P. Zhang (2018). "The ridge furrow cropping technique indirectly improves seed filling endogenous hormonal changes and winter wheat production under simulated rainfall conditions." *Agricultural Water Management* 204: 138-148.
- Ali, S., Y. Xu, X. Ma, I. Ahmad, Q. Jia, M. Akmal, Z. Hussain, M. Arif, T. Cai and J. Zhang (2019). "Deficit irrigation strategies to improve winter wheat productivity and regulating root growth under different planting patterns." *Agricultural Water Management* 219: 1-11.
- Alibert, C. (2020). Contrôles physiques, chimiques et biologiques des flux de gaz à l'interface sol-atmosphère PhD Thesis, Université Paris sciences et lettres.
- Alice, C. E., S. Clément, B. Benoit, V. den Berge Joke, B. Daniel, B. Laëtitia, S. J. Larned, A. Nicola, P. Josep and J. I. August "Automatic high-frequency measurements of full soil greenhouse gas fluxes in a tropical forest."
- Alice, C. E., S. Clément, B. Benoit, V. den Berge Joke, B. Daniel, B. Laëtitia, S. J. Larned, A. Nicola, P. Josep and J. I. August "Automatic high-frequency measurements of full soil greenhouse gas fluxes in a tropical forest."
- Ameur, D., F. Zehetner, S. Johnen, L. Jöchlinger, G. Pardeller, B. Wimmer, F. Rosner, F. Faber, G. Dersch and S. Zechmeister-Boltenstern (2018). "Activated biochar alters activities of carbon and nitrogen acquiring soil enzymes." *Pedobiologia* 69: 1-10.
- Ava, M., D. A. Polosukhina, S. V. Verkhovets and P. Asa (2018). "Influence of precipitation on CO₂ soil emission in pine forests of the Central Siberia boreal zone."
- Aydin, M., R. S. Pacaldo and T. A. Volk (2018). "Soil respiration in shrub willow (*Salix x dasyclados*) biomass crop increased on the third year after removal." *International Journal of Global Warming* 15(1): 54-66.
- Aydin, M., R. S. Pacaldo and T. A. Volk (2018). "Soil respiration in shrub willow (*Salix x dasyclados*) biomass crop increased on the third year after removal." *International Journal of Global Warming* 15(1): 54-66.
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- Bai, W., G. Wang, J. Xi, Y. Liu and P. Yin (2019). "Short-term responses of ecosystem respiration to warming and nitrogen addition in an alpine swamp meadow." *European Journal of Soil Biology* 92: 16-23.
- Bao, T., R. Zhu, X. Li, W. Ye and X. Cheng (2018). "Effects of multiple environmental variables on tundra ecosystem respiration in maritime Antarctica." *Scientific reports* 8(1): 1-12.
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- Barron-Gafford, G. A., J. F. Knowles, E. P. Sanchez-Cañete, R. L. Minor, E. Lee, L. Sutter, N. Tran, P. Murphy, E. P. Hamerlynck and P. Kumar (2021). "Hydraulic redistribution buffers climate variability and regulates grass-tree interactions in a semiarid riparian savanna." *Ecohydrology* 14(3): e2271.
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- Bogena, H. R., C. Montzka, J. A. Huisman, A. Graf, M. Schmidt, M. Stockinger, C. Von Hebel, H. J. Hendricks-Franssen, J. Van der Kruk and W. Tappe (2018). "The TERENO-Rur hydrological observatory: A multiscale multi-compartment research platform for the advancement of hydrological science." *Vadose Zone Journal* 17(1): 1-22.
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- Bogužas, V., A. Sinkevičienė, K. Romaneckas, V. Steponavičienė, L. Skinulienė and L. M. Butkevičienė (2018). "The impact of tillage intensity and meteorological conditions on soil temperature, moisture content and CO_2 efflux in maize and spring barley cultivation." *Zemdirbyste-Agriculture* 105(4).
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- Boyd, A. (2020). "Reducing Topsoil Injury to Bermudagrass Utilizing Micronutrients."
- Brændholt, A., A. Ibrom, P. Ambus, K. S. Larsen and K. Pilegaard (2019). "Combining a quantum cascade laser spectrometer with an automated closed-chamber system for $\delta^{13}\text{C}$ measurements of forest soil, tree stem and tree root CO_2 fluxes." *Forests* 10(5): 432.
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- Bréchet, L. M., W. Daniel, C. Stahl, B. Burban, J.-Y. Goret, R. L. Salomón and I. A. Janssens (2021). "Simultaneous tree stem and soil greenhouse gas (CO_2 , CH_4 , N_2O) flux measurements: a novel design for continuous monitoring towards improving flux estimates and temporal resolution." *New Phytologist*.
- Briones, M. J. I., M. H. Garnett and P. Ineson (2021). "No evidence for increased loss of old carbon in a temperate organic soil after 13 years of simulated climatic warming despite increased CO_2 emissions." *Global Change Biology* 27(9): 1836-1847.
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- Couch, R. L., N. Luckai, D. Morris and A. Diochon (2020). "Short-term effects of wood ash application on soil properties, growth, and foliar nutrition of *Picea mariana* and *Picea glauca* seedlings in a plantation trial." *Canadian Journal of Soil Science* 101: 1-13.
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- de Avaliação Externa, C. NCE/18/0000135 Decisão de apresentação de pronúncia-Novo ciclo de estudos PhD Thesis, Instituto Politécnico De Bragança.
- De, I. D. A. C. E. T. and E. N. D. I. Da "EFEITO DO RESÍDUO DA PALHA DE MILHO NO SOLO SOB O PERFILAMENTO DA CANA-DE-AÇÚCAR..... 1662 FITOMASSA E PRODUÇÃO DE NUTRIENTES EM CULTIVOS SOLTEIROS E CONSORCIADOS..... 1668 FONTES, MODO DE APLICAÇÃO E TRANSLOCAÇÃO DE ENXOFRE NO DESENVOLVIMENTO INICIAL DO MILHO."
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