

I. 原著論文

(1) 査読付き雑誌

1. H. Taneda, K. Yazaki, T. Hiramatsu, B. Shimizu, D. Sugiura, Y. Miyazawa A simple method to observe water distribution in tracheid-bearing wood of subalpine conifer. *Trees-Structure and Function* 35: 697- 707 (2021)
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3. Q.-Y. He, M.-J. Yan, Y. Miyazawa, Q.-W. Chen, R.-R. Cheng, K. Otsuki, N. Yamanaka, S. Du. Sap flow changes and climatic responses over multiple-year treatment of rainfall exclusion in a sub-humid black locust plantation. *Forest Ecology and Management*, 457: 117730 (2020)
4. Y. Miyazawa, S. Du, T. Taniguchi, N. Yamanaka, T. Kumagai: Gas exchange by the mesic-origin, arid land plantation species *Robinia pseudoacacia* under annual summer reduction in plant hydraulic conductance. *Tree Physiology*, 38: 1166–1179 (2018)
5. Y. Miyazawa, A. Inoue, A. Maruyama, K. Otsuki, T.W. Giambelluca: Transpiration of trees in a cool temperate forest on Mt. Aso, Japan: comparison of model simulation and measurements. *Ecological Research*, 32: 547—557 (2017)
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9. S. Hamada, T. Kumagai, K. Kochi, N. Kobayashi, T. Hiyama, Y. Miyazawa: Spatial and temporal variations in photosynthetic capacity of a temperate deciduous-evergreen forest. *Trees-Structure and Function*, 30: 1083-1093 (2016)
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34. Y. Miyazawa, N. Kobayashi, R.G. Mudd, M. Tateishi, T. Lim, N. Mizoue, T.W. Giambelluca, T. Kumagai: Leaf and soil-plant hydraulic processes in the transpiration of tropical forest *Procedia Environmental Sciences: FOUR DECADES OF PROGRESS IN MONITORING AND MODELING OF PROCESSES IN THE SOIL-PLANT-ATMOSPHERE SYSTEM: APPLICATIONS AND CHALLENGES* Book Series, 19: 77-85 (2013)

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35. 宮沢良行「ハレアカラの観測サイト(ハワイ)」、日本生態学会誌、67: 361-367 (2017).
36. 宮沢良行「発想のたまご：雇われポストクが見る米国研究環境」、水文水資源学会誌、28: 335 (2017).
37. 宮沢良行 環境省環境研究総合推進費終了研究等成果報告書「阿蘇を構成する植生の蒸発散の比較研究：草原の維持は水資源涵養に寄与するか？」(4RF-1301)

II. 著書

38. 宮沢良行: 伊都キャンパスの緑地管理. キャンパス計画室編「伊都キャンパスを科学する」(九州大学基幹教育院講義「伊都キャンパスを科学する」教科書)、花書院、福岡市、(2019)
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III. 総説・解説など

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