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Publications

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2019

Artikel ilmiah

Ethnobotanical Study of Fodder Plant Species used by the Batak Parmalim Communities in Toba Samosir, Indonesia

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2018

Artikel ilmiah

Stand structure and carbon stock of tree vegetation in Deleng Macik Taman Hutan Raya Bukit Barisan Karo District, North Sumatra, Indonesia

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2013

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Taxonomic Study of Pandanus (Pandanaeae) in Swamp Area, Aceh Singkil

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Researches

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Model Pengelolaan Tumbuhan Biopestisida di TNBG Mandailing Natal Sumatera Utara

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PENINGKATAN KEMAMPUAN MELAKUKAN PENELITIAN BERBASIS KEARIFAN LOKAL

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2020

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Penulisan Karya Ilmiah bagi Guru-Guru di Kota Sibolga

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2018

Pembuatan Suplemen Pakan Ternak dan Obat Alami untuk Meningkatkan Produksi dan Mengurangi Tingkat Kematian Ayam Potong di Desa Namorih Pancur Batu Deli Serdang

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2014

Penelitian Unggulan Perguruan Tinggi

Model Pengelolaan Taman Wisata Alam Sicikeh-cikeh untuk Pelestarian Tumbuhan Dil

2013

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