Dr. Agr. Faujiah Nurhasanah Ritonga, S.Hut., M.Si

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Dr. Agr. Faujiah Nurhasanah Ritonga, S.Hut., M.Si. lahir pada 19 Januari 1990 dan merupakan salah satu dosen PNS di Program Studi Kehutanan, Fakultas Kehutanan USU sejak 2024. Beliau merupakan alumni Kehutanan USU, di mana ia tercatat sebagai salah satu mahasiswa yang lulus sebagai sarjana Kehutanan pada tahun 2012 dan sekarang menggeluti bidang Rekayasa Genetika Tanaman Hutan. Dengan minat belajar yang tinggi, beliau kemudian melanjutkan studi magister di Program Studi Silvikultur Tropika, Fakultas Kehutanan, IPB dengan minat Genetika Pohon dan lulus tahun 2016 sebagai seorang Master of Science (M.Si.). Pada tahun 2017–2018, beliau mendapatkan beasiswa China Scholarship Council (CSC) untuk belajar bahasa China (Mandarin) di Northeast Forestry University, Harbin, China. Kemudian pada tahun 2018, beliau mendapatkan beasiswa CSC kembali untuk studi doktor di Jurusan Genetika dan Pemuliaan Pohon, Fakultas Kehutanan, Northeast Forestry University, Harbin, China dan lulus tahun 2022. Wanita berdarah Batak ini kemudian melanjutkan program Postdoctoral Fellowship di Institute of Vegetables, Shandong Academy of Agricultural Science, Jinan, China sejak 2022–2024. Hingga saat ini, beliau aktif menjadi penulis dan reviewer jurnal nasional dan internasional bereputasi.

Publications

2026
Jurnal internasional bereputasi

Genetic characteristics and agronomic traits in leafy head Chinese cabbage breeding

FAUJIAH NURHASANAH RITONGA

2026
Book chapter internasional

Biodiversity, Global Patterns, Conservation Strategies, and Ecisystem Resilience

FAUJIAH NURHASANAH RITONGA , MOHAMMAD BASYUNI , SANTY DEASY SIREGAR , Shofiyah Sabilah Al Mustaniroh , Shigeyuki Baba

2026
Book chapter internasional

Biodiversity and Ecosystem Functions of Sumatran Mangroves Under Anthropogenic Pressures

Shigeyuki Baba , MOHAMMAD BASYUNI , SANTY DEASY SIREGAR , FAUJIAH NURHASANAH RITONGA

2026
Buku referensi

Biodiversity: Global Patterns, Conservation Strategies, and Ecosystem Resilience

MOHAMMAD BASYUNI , FAUJIAH NURHASANAH RITONGA

2026
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Biodiversity, Global Patterns, Conservation Strategies, and Ecisystem Resilience

FAUJIAH NURHASANAH RITONGA , MOHAMMAD BASYUNI , Su Chen , Runxian Song

2026
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Biodiversity and Ecosystem Functions of Sumatran Mangroves Under

Anthropogenic Pressures

Shigeyuki Baba , MOHAMMAD BASYUNI , SANTY DEASY SIREGAR , FAUJIAH NURHASANAH RITONGA

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Jurnal internasional bereputasi

Deciphering Defense Mechanisms and Genetic Determinants of Insect Resistance in Brassica Species

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2026
Buku lainnya

Cold Stress, Endothelial Cell Dysfunction and Related Diseases: Mechanistic Links and Research Progress

FAUJIAH NURHASANAH RITONGA

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Buku lainnya

Reviewer Jurnal "Genome-wide analysis of DC1 domain proteins in Ipomoea species reveals IbCHR10 as a positive regulator of salt tolerance in sweetpotato"

FAUJIAH NURHASANAH RITONGA

2026
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Reviewer Jurnal "Time-course transcriptomic information unravels the adaptation strategies of Nicotiana tabacum to drought stress through altered root system architecture"

FAUJIAH NURHASANAH RITONGA

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FAUJIAH NURHASANAH RITONGA

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Buku lainnya

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Reviewer Jurnal "Uncertainties of Forest Resources as Enhanced by Uncontrolled Anthropogenic Activities in Rural Tanzania: A case of Kigosi Forest in Bukombe District"

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Reviewer Jurnal "Genome-wide analysis of Alfalfa AP2/ERF gene family and

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Genetic characteristics and agronomic traits in leafy head Chinese cabbage breeding

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Jurnal internasional bereputasi

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BUDHY SETIAWAN , MAISER SYAPUTRA , ENDAH WAHYUNINGSIH , PANDE KOMANG SUPARYANA , ANDI TRI LESTARI , FAUJIAH NURHASANAH RITONGA

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Reviewer Jurnal "Regulation of Heat Tolerance by Iron Chlorine E6 in "84K"Poplar Tissue Culture Seedlings: A Study Coupled with Metabolomic and Transcriptomic Analysis" Revision

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2025
Prosiding seminar internasional

The Influence of nectar sources, stup types of stingless bee (Heterotrigona itama) to produce honey bee in Langkat Mangrove area, Northern Sumatra

MOHAMMAD BASYUNI , AMEILIA ZULIYANTI SIREGAR , ETTI SARTINA SIREGAR , ARIF NURYAWAN , ERNI JUMILAWATY , IWAN RISNASARI , FAUJIAH NURHASANAH RITONGA

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Reviewer Jurnal "Post-transcriptional regulation dominates protein biosynthesis in Landoltia punctata under biogas surry stress"

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Unraveling the multifaceted roles of SPL transcription factors in leaf development

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Reviewer Jurnal "Integrated Transcriptomic and Proteomic Profiling Reveals the Molecular Mechanisms underlying Heat Tolerance in Pakchoi (Brassica rapa subsp. chinensis)"

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Jurnal internasional bereputasi

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FAUJIAH NURHASANAH RITONGA , Bing Cui , Yiran Xu , Yancan Li , Jie Song , Jianwei Gao , Jingjuan Li

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Reviewer Jurnal "Regulation of Heat Tolerance by Iron Chlorine E6 in ‘84K’ Poplar Tissue Culture Seedlings: A Study Coupled with Metabolomic and Transcriptomic Analysis"

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Reviewer Jurnal "Optimizing eDNA Metabarcoding in Indonesia Freshwaters: A Scoping Review of Best Practise

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Reviewer Jurnal "Analysis of Salt Resistance Conferred by Salt Overly Sensitive 3 from Mulberry (Morus notabilis)"

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Reviewer Jurnal "Transcriptomic data assessment of wild and an improved vari-2 ety of Trifolium repens L. in relation to altitude and external factors"

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Integrated Analysis of Phenotypic, Physiological, and Biochemical Traits in Betula platyphylla Sukaczev Under Cold Stress Conditions

NELLY ANNA , LASWI IRMAYANTI , FAUJIAH NURHASANAH RITONGA , PEBRIANDI

2025
Buku referensi

Pemuliaan Pohon

FAUJIAH NURHASANAH RITONGA , LASWI IRMAYANTI , AISJAH RACHMAWATY RYADIN , ANA TAMPANG , RIMA HERLINA SETIAWATI SIBURIAN , NAPSIAH HELUT , INDRIYANTO

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Buku referensi

Ilmu Tanah Hutan

FAUJIAH NURHASANAH RITONGA , AQSHAN SHADIKIN NURDIN , JACOB KAILOLA , TRI MULYA HARTATI , DINA OKTAVIA , SABARIA NIAPELE , FADILA TAMNGE , PEBRIANDI , LASWI IRMAYANTI

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