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Prof. Dr. Ir. Muhammad Turmuzi, M.S. dilahirkan di Hutarimbaru, Tapanuli Selatan, pada tanggal 25 Desember 1961. Beliau merupakan seorang dosen Teknik Kimia di Universitas Sumatera Utara. Beliau menyelesaikan pendidikan terakhirnya pada jenjang S3, program studi Teknik Kimia & Proses, di UKM pada tahun 2005.

Publications

2026

Prosiding seminar internasional

Effect of temperature on methanogenesis stage of two-stage anaerobic digestion of palm oil mill effluent (POME) into biogas

MUHAMMAD TURMUZI

2023

Jurnal internasional bereputasi

A Review of Properties, Engine Performance, Emission Characteristics and Material Compatibility Biodiesel From Waste Cooking Oil (WCO)

MUHAMMAD TURMUZI

2022

Jurnal nasional

Pengelolaan integrasi ekologi lubuk larangan Tambangan Jae Kabupaten Mandailing Natal

AMEILIA ZULIYANTI SIREGAR , MARPONGAHTUN , MUHAMMAD TURMUZI , ZULKIFLI NASUTION

2026

Jurnal nasional terakreditasi

Penggunaan tanah bentonit sebagai adsorben logam Cu

MUHAMMAD TURMUZI

2017

Prosiding seminar internasional

Acclimatization process of tofu wastewater on hybrid upflow anaerobic sludge blanket reactor using polyvinyl chloride rings as a growth medium

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2017

Prosiding seminar internasional

Effect of temperature on methanogenesis stage of two-stage anaerobic digestion of palm oil mill effl

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2026

Prosiding seminar internasional

Effect of agitation on methanogenesis stage of two-stage anaerobic digestion of palm oil mill effluent (POME) into biogas

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2026

Jurnal nasional terakreditasi

RANCANGAN PENGERING ENERGI SURYA MENGGUNAKAN KOLEKTOR DAN

KIPAS UNTUK PENERANGAN KAKAO FERMENTASI

MUHAMMAD TURMUZI

2017

Prosiding seminar internasional

Effect of agitation on methanogenesis stage of two-stage anaerobic digestion of palm oil mill effluent

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2026

Prosiding seminar internasional

Effect of Agitation on Acidogenesis Stage of Two-Stage Anaerobic Digestion of Palm Oil Mill Effluent (POME) into Biogas

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2017

Prosiding seminar internasional

Effect of agitation on Acidogenesis stage of two-stage anaerobic digestion of palm oil mill effluent

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2026

Jurnal internasional bereputasi

Production of activated carbon from candlenut shell by CO₂ activation

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2026

Jurnal nasional terakreditasi

PEMBUATAN KARBON AKTIF DARI KULIT SALAK (Salacca Zalacca) DENGAN PROSES FISIKA MENGGUNAKAN UAP DENGAN PEMANAS MICROWAVE

MUHAMMAD TURMUZI

2018

Jurnal internasional

The effect of organic loading rate variation on digestion of tofu wastewater using PVC rings as growth media in a hybrid UASB reactor

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2026

Prosiding seminar internasional

Analysis of carbon monoxide (CO) with Delhi Finite Line Source (DFLS) in MT Haryono Street, Medan City

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2004

Jurnal internasional bereputasi

Production of activated carbon from candlenut shell by CO₂ activation

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2026

Jurnal internasional bereputasi

Kesan resin purolit a400-cu terhadap penjerapan nitrat dan nitrit dalam rawatan air sisa

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2020

Prosiding seminar internasional

Adsorption interaction model of adsorbents white sand with heavy metals cadmium (Cd²⁺) naturally

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2018

Prosiding seminar internasional

Effect of pH and complementary ion concentration on nitrate removal using puroliteA400 Resin impregn

MUHAMMAD TURMUZI

2026

Jurnal nasional terakreditasi

PENGARUH KONSENTRASI ASAM FOSFAT DALAM PROSES PEMBUATAN KARBON AKTIF SECARA KIMIA DARI BAHAN BAKU KULIT SALAK

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2026

Prosiding seminar internasional

Effect of openings collectors and solar irradiance on the thermal efficiency of flat plate-finned collector for indirect-type passive solar dryer

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2015

Jurnal nasional terakreditasi

Pengaruh Temperatur Dalam Pembuatan Karbon Aktif Dari Kulit Salak (Salacca Sumatrana) Dengan Aktifator Seng Klorida (ZnCl₂)

MUHAMMAD TURMUZI

2017

Prosiding seminar internasional

Acclimatization process of tofu wastewater on hybrid upflow anaerobic sludge blanket reactor using p

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2026

Prosiding seminar internasional

Simulating the potential for Carbon Dioxide (CO₂) reduction by the application of environmentally friendly transportation (case study: Gatot Subroto Street, Medan City)

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2026

Jurnal nasional terakreditasi

Aplikasi karbon aktif dari cangkang kelapa sawit dengan aktivator H₃PO₄ untuk penyerapan logam berat Cd dan Pb

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2026

Jurnal internasional

Determination of Kinetic Models in Acidogenesis Process of Palm Oil Mill Effluent.

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2018

Prosiding seminar internasional

Simulating the potential for Carbon Dioxide (CO₂) reduction by the application of environ

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2026

Prosiding seminar internasional

Nitrate Removal Using Mg Modified Zeolite in Fluidized-Bed System

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2026

Jurnal nasional terakreditasi

Pengembangan Pori Arang Hasil Pirolisa Tempurung Kemiri

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2018

Prosiding seminar internasional

Adsorption kinetic in fixed-bed column using Purolite Resin A400 resin impregnated with Cu metal

MUHAMMAD TURMUZI

2026
Jurnal nasional terakreditasi

Aplikasi Karbon Aktif Dari Tempurung Kelapa Sawit Dengan Aktivator H₃PO₄ Untuk Penyerapan Logam Cd Dan Pb

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2026
Jurnal internasional

Effect of Hydraulic Retention Time and pH

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2018
Jurnal internasional bereputasi

The Effect of Organic Loading Rate Variation on Digestion of Tofu Wastewater using PVC Rings as Growth Media in a Hybrid UASB Reactor

MUHAMMAD TURMUZI

2026
Jurnal nasional

Pengaruh suhu dalam pembuatan karbon aktif dari kulit salak (Salacca Edulis) dengan impregnasi asam fosfat (H₃PO₄)

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2018
Jurnal nasional terakreditasi

Pengaruh Kecepatan Angin, Kelembapan dan Suhu Udara terhadap konsentrasi SO₂ Ambien dan Pemetaan SO₂ Ambien di Sekitar PT. Kawasan Industri Medan

MUHAMMAD TURMUZI

2018
Jurnal internasional bereputasi

Acclimatization Process on Hybrid Upflow Anaerobic Sludge Blanket Reactor (HUASBR) Using Bioball As Growth Media with OLR Variation for Treating Tofu Wastewater

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2018
Prosiding seminar internasional

Analysis of carbon monoxide (CO) with Delhi Finite Line Source (DFLS) in MT Haryono Street, Medan Ci

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2026
Prosiding seminar internasional

Taslim and Turmuzi M 2017 Effect of agitation on methanogenesis stage of two-stage anaerobic digestion of palm oil mill effluent (POME) into biogas

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2017
Jurnal internasional bereputasi

Acclimatization process of tofu wastewater on hybrid upflow anaerobic sludge blanket reactor using polyvinyl chloride rings as a growth medium

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2017
Prosiding seminar internasional

Effect of openings collectors and solar irradiance on the thermal efficiency of flat plate-finned co

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2023
Jurnal internasional bereputasi

Variations of Organic Loading Rate on Tofu Wastewater Degradation using Upflow Anaerobic Sludge Blanket Reactor by Modified Stover-Kincannon Model

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2026

Prosiding seminar internasional

Effect of pH and complementary ion concentration on nitrate removal using puroliteA400 Resin impregnated Cu in batch system

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2020

Prosiding seminar internasional

Adsorption interaction model of adsorbents white sand with heavy metals cadmium (Cd^{2+}) naturally

MUHAMMAD TURMUZI

2015

Prosiding seminar internasional

Acidogenesis of palm oil mill effluent to produce biogas: effect of hydraulic retention time and pH

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2026

Prosiding seminar internasional

Start-Up of Upflow Anaerobic Sludge Blanket (UASB) Reactor Treating Slaughterhouse Wastewater

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