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Publications

2026
Buku referensi
Kelelahan Dalam Olahraga
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2026
Buku referensi
Model Latihan Untuk Meningkatkan Ekspresi Reseptor Insulin pada Penderita Diabetes Melitus Tipe-2
YETTY MACHRINA

2026
Buku referensi
Anatomi Abdomen
YETTY MACHRINA

2025
Artikel ilmiah
Efektivitas Latihan High-Intensity Interval Training (HIIT) dalam Meningkatkan VO_2 Max dan Kesiapan Fisik Jamaah Haji Lansia: Tinjauan Naratif
YETTY MACHRINA , ANDY SULAIMAN SIREGAR

2025
Buku referensi
Penyakit Paru Obstruktif Kronik : Tatalaksana Holistik Multidisplim
YETTY MACHRINA , AMIRA PERMATASARI TARIGAN , ANDIKA PRADANA , DR. AIDA

2025
Jurnal internasional bereputasi
The Benefit of Melinjo Peel (Gnetum Gnemon) Ethanol Extract to prevent Hepatocytes from Damage in Hyperuricemia Rat Model-Induced High Fructosa
YETTY MACHRINA , CINDY MENTARI

2024
Tulisan ilmiah
ENHANCING QUALITY OF LIFE FOR ELDERLY PEOPLE THROUGH EXERCISE
YETTY MACHRINA

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Makalah ilmiah
Exercise to Improve Cellular Metabolism in Non Communicable Disease
YETTY MACHRINA

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Makalah ilmiah

THE PROSPECT OF SPORT TOURISM AND SPORT INDUSTRY FOR COMBATING NON COMMUNICABLE DISEASEy

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Artikel ilmiah

Case Report : The Effectiveness of Physical Therapy on Volleyball Athlete with Distal Semimembranous Muscle Tendon Injury and Lateral Posterior Horn Meniscus Injury

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2023
Jurnal internasional

Idealism of Physical Activity Interventions in Type 2 Diabetes Mellitus Patients: A Literature Review

YETTY MACHRINA , DWI RITA ANGGRAINI , SRY SURYANI WIDJAJA , RIRIE FACHRINA MALISIE , FITRIANI ZULKARNAIN

2023
Jurnal nasional terakreditasi

Efek Hepatoprotektor Ekstrak Etanol Kulit Melinjo terhadap Ekspresi Gen Alanine Aminotransferase 1 Hepar pada Kondisi Hiperurisemia

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Jurnal nasional terakreditasi

Polimorfisme Gen Leptin-2548G> A (Rs7799039) Pada Penderita Diabetes Mellitus Tipe 2

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Jurnal nasional terakreditasi

Effect of Skin Melinjo Extract (Gnetum Gnemon) On Expression URAT1 and GLUT9 Genes In Hyperuricemia

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Jurnal nasional terakreditasi

EFFECT OF ETHANOLIC EXTRACT OF MELINJO PEEL (Gnetum gnemon) ON SERUM MALONDIALDEHYDE (MDA) LEVELS IN HYPERURISEMIA WISTAR STRAIN RATS

RIRIE FACHRINA MALISIE , YETTY MACHRINA , INDRA PRIAWAN. M

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Jurnal internasional bereputasi

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Jurnal nasional

EFFECTS OF PHYSICAL ACTIVITY Fast Interval Training AND PROVISION OF MELINJO SKIN EXTRACT (Gnetum gnemon) ON EXPRESSION OF URAT1

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Jurnal internasional bereputasi

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Jurnal internasional bereputasi

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Jurnal internasional bereputasi

Exercise Intensity Alter Insulin Receptor Gene Expression in Diabetic Type - 2 Rat Model

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Jurnal internasional

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Prosiding seminar internasional

Improved electrical properties of chitosan based acetone sensor by adding carboxymethylcellulose (CMC)

TULUS IKHSAN NASUTION , YETTY MACHRINA

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Penelitian Unggulan Perguruan Tinggi

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Tenaga medis dari FK USU pada tanggal 23 Desember 2025 dalam rangka bantuan bencana alam serta penanganan keadaan darurat pada bencana yang terjadi di P.Berandan Kabupaten langkat

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Efek Pemberian Ekstrak Etanol Kulit Melinjo (Gnenum Gnemon) Terhadap Ekspresi Gen XDH, ABCG2 Dan Kadar Asam Urat Pada Tikus Galur Wistar Model Hiperurisemia

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Hasil penelitian/pemikiran yang tidak dipublikasikan

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