

Exploration of Medicine

Highly Cited Paper Award Winners (2020-2025)

2020-2021

First Prize

[Perspectives of nonalcoholic fatty liver disease research: a personal point of view](#)

Amedeo Lonardo, Stefano Ballestri

Published: June 29, 2020 DOI: <https://doi.org/10.37349/emed.2020.00007>

Special Issue: Exploring NAFLD/NASH

Second Prize

[Nonalcoholic fatty liver disease and portal hypertension](#)

Marvin Ryou, Nicholas Stylopoulos, Gyorgy Baffy

Published: June 29, 2020 DOI: <https://doi.org/10.37349/emed.2020.00011>

Special Issue: Exploring NAFLD/NASH

[Nonalcoholic fatty liver disease and type 2 diabetes: pathophysiological mechanisms shared between the two faces of the same coin](#)

Carlo Acierno, Alfredo Caturano, Pia Clara Pafundi, Riccardo Nevola, Luigi Elio Adinolfi, Ferdinando Carlo Sasso

Published: October 30, 2020 DOI: <https://doi.org/10.37349/emed.2020.00019>

Special Issue: Exploring NAFLD/NASH

Third Prize

[Sex differences in non-alcoholic fatty liver disease: hints for future management of the disease](#)

Noel C. Salvoza, Pablo J. Giraudi, Claudio Tiribelli, Natalia Rosso

Published: April 30, 2020 DOI: <https://doi.org/10.37349/emed.2020.00005>

Special Issue: Exploring NAFLD/NASH

[Current evidence and outcomes for retinopathy of prematurity prevention: insight into novel maternal and placental contributions](#)

Lara Carroll, Leah A. Owen

Published: February 29, 2020 DOI: <https://doi.org/10.37349/emed.2020.00002>

[Using machine intelligence to uncover Alzheimer's disease progression heterogeneity](#)

Bessi Qorri, Mike Tsay, Abhishek Agrawal, Rhoda Au, Joseph Geraci

Published: December 31, 2020 DOI: <https://doi.org/10.37349/emed.2020.00026>

Special Issue: Digital Biomarkers: The New Frontier for Medicine and Research

2022

[PNPLA3 gene and kidney disease](#)

Alessandro Mantovani, Chiara Zusi

Published: February 29, 2020 DOI: <https://doi.org/10.37349/emed.2020.00004>

[Nonalcoholic fatty liver disease and type 2 diabetes: pathophysiological mechanisms shared between the two faces of the same coin](#)

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Special Issue: Exploring NAFLD/NASH

[Sex differences in non-alcoholic fatty liver disease: hints for future management of the disease](#)

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Special Issue: Exploring NAFLD/NASH

2023

[Hyperuricemia-a serious complication among patients with chronic kidney disease: a systematic review and meta-analysis](#)

Ishfaq Rashid, Pooja Katravath, Pramil Tiwari, Sanjay D'Cruz, Shivani Jaswal, Gautam Sahu

Published: June 23, 2022 DOI: <https://doi.org/10.37349/emed.2022.00089>

Special Issue: Disease Diagnosis, Molecular Mechanism and Therapeutic Strategies in Kidney Injury and Fibrosis

[Reactive oxygen species in cancer progression and its role in therapeutics](#)

Ranjeet Singh, Partha Pratim Manna

Published: February 22, 2022 DOI: <https://doi.org/10.37349/emed.2022.00073>

Special Issue: Reactive Oxygen Species (ROS) in Pathophysiological Conditions

2024

[3D printing in biomedicine: advancing personalized care through additive manufacturing](#)

Kalyani Pathak, Riya Saikia, Aparoop Das, Dibyajyoti Das, Md Ariful Islam, Pallab Pramanik, Abhishek Parasar, Partha Protim Borthakur, Pranjal Sarmah, Madhurjya Saikia, Barbie Borthakur

Published: December 29, 2023 DOI: <https://doi.org/10.37349/emed.2023.00200>

Special Issue: Exploration of 3D and 4D Printing in the Biomedical and Personalized Medicine Fields: Merits and Challenges

[3D and 4D printing of biomedical materials: current trends, challenges, and future outlook](#)

Gayan A. Appuhamillage, Sankalya S. Ambagaspitiya, Rohan S. Dassanayake, Achintha Wijenayake

Published: February 06, 2024 DOI: <https://doi.org/10.37349/emed.2024.00203>

Special Issue: Exploration of 3D and 4D Printing in the Biomedical and Personalized Medicine Fields: Merits and

2025**[Insights on aspects of apoptosis in neurodegenerative disorders: a comprehensive review](#)**

Rajat Goyal, Kashish Wilson, Anjali Saharan, Rupesh K. Gautam, Hitesh Chopra, Sumeet Gupta, Mohammad Amjad Kamal

Published: February 28, 2024 DOI: <https://doi.org/10.37349/emed.2024.00208>