

Open Exploration Highly Cited Paper Award---Full List of Winning Papers (2020-2025)

Journal	Article title	Authors	DOI
<i>Exploration of Medicine</i>	Perspectives of nonalcoholic fatty liver disease research: a personal point of view	Amedeo Lonardo*, Stefano Ballestri	https://doi.org/10.37349/emed.2020.00007
	Nonalcoholic fatty liver disease and portal hypertension	Marvin Ryou, Nicholas Stylopoulos , Gyorgy Baffy*	https://doi.org/10.37349/emed.2020.00011
	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*	https://doi.org/10.37349/emed.2020.00005
	Current evidence and outcomes for retinopathy of prematurity prevention: insight into novel maternal and placental contributions	Lara Carroll, Leah A. Owen*	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*	https://doi.org/10.37349/emed.2020.00026
	PNPLA3 gene and kidney disease	Alessandro Mantovani*, Chiara Zusi	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	Carlo Acierno, Alfredo Caturano, Pia Clara Pafundi, Riccardo Nevola, Luigi Elio Adinolfi*, Ferdinando Carlo Sasso	https://doi.org/10.37349/emed.2020.00019
	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	https://doi.org/10.37349/emed.2022.00089
	Reactive oxygen species in cancer progression and its role in therapeutics	Ranjeet Singh, Partha Pratim Manna*	https://doi.org/10.37349/emed.2022.00073
	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	https://doi.org/10.37349/emed.2023.00200
	3D and 4D printing of biomedical materials: current trends, challenges, and future outlook	Gayana A. Appuhamillage*, Sankalya S. Ambagaspitiya, Rohan S. Dassanayake*, Achintha Wijenayake	https://doi.org/10.37349/emed.2024.00203
	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	https://doi.org/10.37349/emed.2024.00208

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<i>Exploration of Targeted Anti-tumor Therapy</i>	Current strategies for the design of PROTAC linkers: a critical review PROTAC	Robert I. Troup, Charlene Fallan*, Matthias G. J. Baud*	https://doi.org/10.37349/etat.2020.00018
	The impact of tumour pH on cancer progression: strategies for clinical intervention	Carol Ward, James Meehan, Mark E Gray, Alan F Murray, David J Argyle, Ian H Kunkler, Simon P Langdon*	https://doi.org/10.37349/etat.2020.00005
	Implementation of an NGS panel for clinical practice in paraffin-embedded tissue samples from locally advanced and metastatic melanoma patients	Paola Castillo, Marta Marginet, Pedro Jares, Mireia García, Elena Gonzalvo, Ana Arance, Adriana García, Lluçia Alos, Cristina Teixido*	https://doi.org/10.37349/etat.2020.00006
	Potential of guggulsterone, a farnesoid X receptor antagonist, in the prevention and treatment of cancer	Sosmitha Girisa, Dey Parama, Choudhary Harsha, Kishore Banik, Ajaikumar B. Kunnumakkara*	https://doi.org/10.37349/etat.2020.00019
	Role of liquid biopsy for thoracic cancers immunotherapy	Raimondo Di Liello*, Flora Cimmino, Soraya Simón, Emilio Francesco Giunta, Vincenzo De Falco, Paloma Martín-Martorell	https://doi.org/10.37349/etat.2020.00012
	Development of PROTACs to address clinical limitations associated with BTK-targeted kinase inhibitors	Rachael Arthur, Beatriz Valle-Argos, Andrew J. Steele, Graham Packham*	https://doi.org/10.37349/etat.2020.00009
	The clinical advances of proteolysis targeting chimeras in oncology	Hao Xie*, Junjia Liu, Diego M. Alem Glison, Jason B. Fleming	https://doi.org/10.37349/etat.2021.00061
	New antibody-drug conjugates (ADCs) in breast cancer—an overview of ADCs recently approved and in later stages of development	Kira-Lee Koster, Jens Huober, Markus Joerger*	https://doi.org/10.37349/etat.2022.00069
	Potential role of resveratrol and its nano-formulation as anti-cancer agent	Akshay Kumar, Balak Das Kurmi, Amrinder Singh, Dilpreet Singh*	https://doi.org/10.37349/etat.2022.00105
	Genomic alterations in cholangiocarcinoma: clinical significance and relevance to therapy	Marianeve Carotenuto, Alessandra Sacco, Laura Forgione, Nicola Normanno*	https://doi.org/10.37349/etat.2022.00079
	Diagnostic value of liquid biopsy in the era of precision medicine: 10 years of clinical evidence in cancer	Vincenza Caputo, Fortunato Ciardiello, Carminia Maria Della Corte, Giulia Martini, Teresa Troiani, Stefania Napolitano*	https://doi.org/10.37349/etat.2023.00125
	Liquid biopsy and glioblastoma	Robert H. Eibl*, Markus Schneemann	https://doi.org/10.37349/etat.2023.00121
Novel therapeutic strategies targeting myeloid-derived suppressor cell immunosuppressive mechanisms for cancer treatment	Eric Jou*, Natasha Chaudhury, Fizza Nasim	https://doi.org/10.37349/etat.2024.00212	

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<i>Exploration of Immunology</i>	Interleukin-22 and keratinocytes; pathogenic implications in skin inflammation	Masutaka Furue*, Mihoko Furue	https://doi.org/10.37349/ei.2021.00005
	Interplay between mesenchymal stromal cells and immune system: clinical applications in immune-related diseases	Panagiotis Mallis*, Efstathios Michalopoulos, Theofanis Chatzistamatiou, Catherine Stavropoulos Giokas	https://doi.org/10.37349/ei.2021.00010
	Immunology of biodegradable nanoparticles: a brief overview on a wide growing field	Anissa Pisani, Giuseppe Bardi*	https://doi.org/10.37349/ei.2021.00006
	Allogeneic gamma delta T cells as adoptive cellular therapy for hematologic malignancies	Navdeep Jhita, Sunil S. Raikar*	https://doi.org/10.37349/ei.2022.00054
	High avidity of vaccine-induced immunoglobulin G against SARS-CoV-2: potential relevance for protective humoral immunity	Georg Bauer*	https://doi.org/10.37349/ei.2022.00040
	The role of cytokines in wound healing: from mechanistic insights to therapeutic applications	Rachel Si-Yin Wong, Timothy Tan, Alexander Shao-Rong Pana, Dinesh Kumar Srinivasan*	https://doi.org/10.37349/ei.2025.1003183
<i>Exploration of Neuroprotective Therapy</i>	Therapeutic potential of the cannabinoid receptor 2 in neuropsychiatry	María S. García-Gutiérrez, Francisco Navarrete, Ani Gasparyan, Jorge Manzanares*	https://doi.org/10.37349/ent.2021.00006
	Striking a balance: PIP2 and PIP3 signaling in neuronal health and disease	Kamran Tariq, Bryan W. Luikart*	https://doi.org/10.37349/ent.2021.00008
	Balancing cholesterol in the brain: from synthesis to disposal	Lydia Qian, Amanda B. Chai, Ingrid C. Gelissen*, Andrew J. Brown*	https://doi.org/10.37349/ent.2022.00015
	Biomarkers in neurodegenerative diseases: a broad overview	Sathish Selvam, Velpandi Ayyavoo*	https://doi.org/10.37349/ent.2024.00075
<i>Exploration of Digestive Diseases</i>	The central role of mitochondrial metabolism in hepatic steatosis	Sanda Win*, Tin Aung Than, Neil Kaplowitz, Nicole Wong, Aliza Arya, Zin Thandar Win, Shwe Hlaing Win, Ei Hnin Phyu, Christina Kuemerle, Jake Suh, Sona Avanesyan, Pujan Prakash Dobarra, Hnin Wai Lwin, Sean Wong, Shannon Kaw, Samuel Wong, Kyaw Khaing Soe, Garmani Kyaw, Filbert Win Min Aung	https://doi.org/10.37349/edd.2024.00039
<i>Exploration of Neuroscience</i>	Current therapeutics for Alzheimer's disease and clinical trials	Danqing Xiao*, Chen Zhang*	https://doi.org/10.37349/en.2024.00048

	Approved antibacterial drugs in the last 10 years: from the bench to the clinic	Miguel García-Castro*, Francisco Sarabia, Amelia Díaz-Morilla, Juan Manuel López-Romero	https://doi.org/10.37349/eds.2023.00013
<i><u>Exploration of Drug Science</u></i>	A review of the effects of pharmaceutical pollutants on humans and aquatic ecosystem	Jaya Vinny Eapen, Sweetey Thomas, Shelmi Antony, Paul George, Jayesh Antony*	https://doi.org/10.37349/eds.2024.00058
	Seaweed: a sustainable solution for greening drug manufacturing in the pursuit of sustainable healthcare	Leonel Pereira*, João Cotas	https://doi.org/10.37349/eds.2024.00036
<i><u>Exploration of Foods and Foodomics</u></i>	Pickering emulsions in food and nutraceutical technology: from delivering hydrophobic compounds to cutting-edge food applications	Lucía Cassani, Andrea Gomez-Zavaglia*	https://doi.org/10.37349/eff.2024.00044
<i><u>Exploration of BioMat-X</u></i>	Navigating regulatory challenges in molecularly tailored nanomedicine	Ajay Vikram Singh*, Preeti Bhardwaj, Aditya Kumar Upadhyay, Anselmo Pagani, Jyoti Upadhyay, Jolly Bhadra, Veronica Tisato, Manali Thakur, Donato Gemmati, Rudresh Mishra, Paolo Zamboni	https://doi.org/10.37349/ebmx.2024.00009
<i><u>Exploration of Digital Health Technologies</u></i>	Rise of the machines: trends and challenges of implementing AI in biomedical scientific writing	Michal Fornalik*, Magdalena Makuch, Anna Lemanska, Sandra Moska, Monika Wiczewska, Iwona Anderko, Laura Stochaj, Marta Szczygiel, Aleksandra Zielińska*	https://doi.org/10.37349/edht.2024.00024
<i><u>Exploration of Cardiology</u></i>	Laboratory markers of metabolic syndrome	Filipa Morgado, Ana Valado, João Metello, Leonel Pereira*	https://doi.org/10.37349/ec.2024.00026
<i><u>Exploration of Endocrine and Metabolic Diseases</u></i>	Waist-to-height ratio as a novel marker of metabolic syndrome in patients with type 2 diabetes mellitus	Elif Basaran*, Gulali Aktas	https://doi.org/10.37349/eemd.2025.101421