

Open Exploration Highly Cited Paper Award – Full List of Winning Papers (2020-2024)

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	Gayan A. Appuhamillage*, Sankalya S. Ambagaspitiya, Rohan S. Dassanayake*, Achintha Wijenayake	https://doi.org/10.37349/emed.2024.00203	

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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	

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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
<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
<i>Exploration of Drug Science</i>	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>Exploration of BioMat-X</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