

Monica Gelzo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

404
citations

13
h-index

17
g-index

47
ext. papers

608
ext. citations

4.2
avg, IF

3.55
L-index

#	Paper	IF	Citations
41	Dysregulation of lipid metabolism and pathological inflammation in patients with COVID-19. <i>Scientific Reports</i> , 2021 , 11, 2941	4.9	43
40	Biosensor for Point-of-Care Analysis of Immunoglobulins in Urine by Metal Enhanced Fluorescence from Gold Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 3753-3762	9.5	32
39	Primary Motor Cortex Excitability in Karate Athletes: A Transcranial Magnetic Stimulation Study. <i>Frontiers in Physiology</i> , 2017 , 8, 695	4.6	26
38	Direct analysis of sterols from dried plasma/blood spots by an atmospheric pressure thermal desorption chemical ionization mass spectrometry (APTDCI-MS) method for a rapid screening of Smith-Lemli-Opitz syndrome. <i>Analyst, The</i> , 2010 , 135, 789-96	5	24
37	A powerful couple in the future of clinical biochemistry: in situ analysis of dried blood spots by ambient mass spectrometry. <i>Bioanalysis</i> , 2010 , 2, 1883-91	2.1	22
36	Evaluation of cytotoxic effects of 7-dehydrocholesterol on melanoma cells. <i>Free Radical Biology and Medicine</i> , 2014 , 70, 129-40	7.8	19
35	Reduced absorption and enhanced synthesis of cholesterol in patients with cystic fibrosis: a preliminary study of plasma sterols. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1461-6	5.9	16
34	The Serum Metabolome of Moderate and Severe COVID-19 Patients Reflects Possible Liver Alterations Involving Carbon and Nitrogen Metabolism. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	15
33	Cerebrotendinous xanthomatosis, a metabolic disease with different neurological signs: two case reports. <i>Metabolic Brain Disease</i> , 2016 , 31, 1185-8	3.9	14
32	Polar and non-polar organic binder characterization in Pompeian wall paintings: comparison to a simulated painting mimicking an "a secco" technique. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 3011-6	4.4	14
31	Sterol profiles in plasma and erythrocyte membranes in patients with Smith-Lemli-Opitz syndrome: a six-year experience. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 2039-46	5.9	14
30	Comparison of binder compositions in Pompeian wall painting styles from Insula Occidentalis. <i>Chemistry Central Journal</i> , 2014 , 8, 65		13
29	A routine method for cholesterol and 7-dehydrocholesterol analysis in dried blood spot by GC-FID to diagnose the Smith-Lemli-Opitz syndrome. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 907, 154-8	3.2	13
28	Immunocytometric analysis of COVID patients: A contribution to personalized therapy?. <i>Life Sciences</i> , 2020 , 261, 118355	6.8	12
27	Supervised physical exercise improves clinical, anthropometric and biochemical parameters in adult cystic fibrosis patients: A 2-year evaluation. <i>Clinical Respiratory Journal</i> , 2018 , 12, 2228-2234	1.7	11
26	Stability study of dehydrocholesterols in dried spot of blood from patients with Smith-Lemli-Opitz syndrome, using filter-paper treated with butylated hydroxytoluene. <i>Clinica Chimica Acta</i> , 2012 , 413, 525-6	6.2	11
25	The evolving landscape of untargeted metabolomics. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 1645-1652	4.5	10

24	Characterization of pigments and ligands in a wall painting fragment from Liternum archaeological park (Italy). <i>Journal of Separation Science</i> , 2012 , 35, 2986-93	3.4	9
23	Adiponectin Expression Is Modulated by Long-Term Physical Activity in Adult Patients Affected by Cystic Fibrosis. <i>Mediators of Inflammation</i> , 2019 , 2019, 2153934	4.3	8
22	TAS2R38 is a novel modifier gene in patients with cystic fibrosis. <i>Scientific Reports</i> , 2020 , 10, 5806	4.9	7
21	Development and Validation of an Enzymatic Method for Total Cholesterol Analysis Using Whole Blood Spot. <i>Journal of Clinical Laboratory Analysis</i> , 2016 , 30, 517-23	3	7
20	Basic amino acids and dimethylarginines targeted metabolomics discriminates primary hepatocarcinoma from hepatic colorectal metastases. <i>Metabolomics</i> , 2014 , 10, 1026-1035	4.7	6
19	Prognostic Role of Neutrophil to Lymphocyte Ratio in COVID-19 Patients: Still Valid in Patients That Had Started Therapy?. <i>Frontiers in Public Health</i> , 2021 , 9, 664108	6	6
18	A rare case of sterol-C4-methyl oxidase deficiency in a young Italian male: Biochemical and molecular characterization. <i>Molecular Genetics and Metabolism</i> , 2017 , 121, 329-335	3.7	5
17	Age-related changes of cholestanol and lathosterol plasma concentrations: an explorative study. <i>Lipids in Health and Disease</i> , 2019 , 18, 235	4.4	5
16	Salivary Cytokines and Airways Disease Severity in Patients with Cystic Fibrosis. <i>Diagnostics</i> , 2020 , 10,	3.8	4
15	SARS-CoV-2: One Year in the Pandemic. What Have We Learned, the New Vaccine Era and the Threat of SARS-CoV-2 Variants. <i>Biomedicines</i> , 2021 , 9,	4.8	4
14	An enhanced procedure for the analysis of organic binders in Pompeian wall paintings from Insula Occidentalis. <i>Heritage Science</i> , 2019 , 7,	2.5	3
13	Influence of pancreatic status on circulating plasma sterols in patients with cystic fibrosis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1725-1730	5.9	3
12	A ZFYVE19 gene mutation associated with neonatal cholestasis and cilia dysfunction: case report with a novel pathogenic variant. <i>Orphanet Journal of Rare Diseases</i> , 2021 , 16, 179	4.2	3
11	Lumacaftor/ivacaftor improves liver cholesterol metabolism but does not influence hypocholesterolemia in patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2021 , 20, e1-e6	4.1	3
10	A case of Cerebrotendinous Xanthomatosis with spinal cord involvement and without tendon xanthomas: identification of a new mutation of the CYP27A1 gene. <i>Acta Neurologica Belgica</i> , 2021 , 121, 561-566	1.5	3
9	Challenges in Metabolomics-Based Tests, Biomarkers Revealed by Metabolomic Analysis, and the Promise of the Application of Metabolomics in Precision Medicine.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	3
8	Lung Microbiome in Cystic Fibrosis. <i>Life</i> , 2021 , 11,	3	2
7	Impaired Ratio of Unsaturated to Saturated Non-Esterified Fatty Acids in Saliva from Patients with Cystic Fibrosis. <i>Diagnostics</i> , 2020 , 10,	3.8	1

6	Sterol and steroid catabolites from cholesterol produced by the psychrophile <i>Pseudoalteromonas haloplanktis</i> . <i>Journal of Mass Spectrometry</i> , 2014 , 49, 947-51	2.2	1
5	Molecular Analysis of Prothrombotic Gene Variants in Patients with Acute Ischemic Stroke and with Transient Ischemic Attack. <i>Medicina (Lithuania)</i> , 2021 , 57,	3.1	1
4	Case Report: Discovery a Novel SARS-CoV-2 Variant in a Six-Months Long-Term Swab Positive Female Suffering From Non-Hodgkin Lymphoma. <i>Frontiers in Oncology</i> , 2021 , 11, 705948	5.3	0
3	Impaired cholesterol metabolism in the mouse model of cystic fibrosis. A preliminary study. <i>PLoS ONE</i> , 2021 , 16, e0245302	3.7	0
2	Mild dehydration in dyspeptic athletes is able to increase gastrointestinal symptoms: Protective effects of an appropriate hydration. <i>Neurogastroenterology and Motility</i> , 2019 , 31, e13520	4	
1	Oxylipin profile in saliva from patients with cystic fibrosis reveals a balance between pro-resolving and pro-inflammatory molecules.. <i>Scientific Reports</i> , 2022 , 12, 5838	4.9	