

Monica Gelzo

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

785
citations

516215

16
h-index

580395

25
g-index

47
all docs

47
docs citations

47
times ranked

1147
citing authors

#	ARTICLE	IF	CITATIONS
1	Dysregulation of lipid metabolism and pathological inflammation in patients with COVID-19. <i>Scientific Reports</i> , 2021, 11, 2941.	1.6	102
2	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, 9548.	1.8	56
3	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.	4.0	44
4	Primary Motor Cortex Excitability in Karate Athletes: A Transcranial Magnetic Stimulation Study. <i>Frontiers in Physiology</i> , 2017, 8, 695.	1.3	33
5	Immunocytometric analysis of COVID patients: A contribution to personalized therapy?. <i>Life Sciences</i> , 2020, 261, 118355.	2.0	32
6	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</i> , 2010, 135, 789.	1.7	30
7	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, 5213.	1.8	30
8	The evolving landscape of untargeted metabolomics. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 1645-1652.	1.1	28
9	A powerful couple in the future of clinical biochemistry: <i>in situ</i> analysis of dried blood spots by ambient mass spectrometry. <i>Bioanalysis</i> , 2010, 2, 1883-1891.	0.6	26
10	TAS2R38 is a novel modifier gene in patients with cystic fibrosis. <i>Scientific Reports</i> , 2020, 10, 5806.	1.6	25
11	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, 1461-1466.	1.4	21
12	Cerebrotendinous xanthomatosis, a metabolic disease with different neurological signs: two case reports. <i>Metabolic Brain Disease</i> , 2016, 31, 1185-1188.	1.4	20
13	Adiponectin Expression Is Modulated by Long-Term Physical Activity in Adult Patients Affected by Cystic Fibrosis. <i>Mediators of Inflammation</i> , 2019, 2019, 1-7.	1.4	20
14	Polar and non-polar organic binder characterization in Pompeian wall paintings: comparison to a simulated painting mimicking an <i>à l'œa secco</i> technique. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 3011-3016.	1.9	19
15	Evaluation of cytotoxic effects of 7-dehydrocholesterol on melanoma cells. <i>Free Radical Biology and Medicine</i> , 2014, 70, 129-140.	1.3	19
16	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.	0.6	19
17	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.	1.3	19
18	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.	1.4	18

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19	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, 154-158.	1.2	16
20	Comparison of binder compositions in Pompeian wall painting styles from Insula Occidentalis. <i>Chemistry Central Journal</i> , 2014, 8, 65.	2.6	16
21	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, 525-526.	0.5	15
22	Development and Validation of an Enzymatic Method for Total Cholesterol Analysis Using Whole Blood Spot. <i>Journal of Clinical Laboratory Analysis</i> , 2016, 30, 517-523.	0.9	15
23	Characterization of pigments and ligands in a wall painting fragment from <i>scptaly</i> archaeological park (<i>scptaly</i>). <i>Journal of Separation Science</i> , 2012, 35, 2986-2993.	1.3	13
24	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.	0.3	13
25	Liver and the defects of cholesterol and bile acids biosynthesis: Rare disorders many diagnostic pitfalls. <i>World Journal of Gastroenterology</i> , 2017, 23, 5257.	1.4	12
26	Age-related changes of cholesterol and lathosterol plasma concentrations: an explorative study. <i>Lipids in Health and Disease</i> , 2019, 18, 235.	1.2	11
27	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.	1.2	11
28	Salivary Cytokines and Airways Disease Severity in Patients with Cystic Fibrosis. <i>Diagnostics</i> , 2020, 10, 222.	1.3	10
29	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, 611.	1.4	10
30	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.	0.5	9
31	Lung Microbiome in Cystic Fibrosis. <i>Life</i> , 2021, 11, 94.	1.1	8
32	Serum galectin-3 and aldosterone: potential biomarkers of cardiac complications in patients with COVID-19. <i>Minerva Endocrinology</i> , 2022, 47, .	0.6	8
33	Basic amino acids and dimethylarginines targeted metabolomics discriminates primary hepatocarcinoma from hepatic colorectal metastases. <i>Metabolomics</i> , 2014, 10, 1026-1035.	1.4	7
34	Influence of pancreatic status on circulating plasma sterols in patients with cystic fibrosis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1725-1730.	1.4	7
35	Molecular Analysis of Prothrombotic Gene Variants in Patients with Acute Ischemic Stroke and with Transient Ischemic Attack. <i>Medicina (Lithuania)</i> , 2021, 57, 723.	0.8	7
36	Further Findings Concerning Endothelial Damage in COVID-19 Patients. <i>Biomolecules</i> , 2021, 11, 1368.	1.8	7

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37	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.	0.5	6
38	Impaired cholesterol metabolism in the mouse model of cystic fibrosis. A preliminary study. <i>PLoS ONE</i> , 2021, 16, e0245302.	1.1	6
39	Physical Activity Regulates TNF α and IL-6 Expression to Counteract Inflammation in Cystic Fibrosis Patients. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4691.	1.2	5
40	An enhanced procedure for the analysis of organic binders in Pompeian $\text{\r{e}}$ s wall paintings from Insula Occidentalis. <i>Heritage Science</i> , 2019, 7, .	1.0	4
41	Prenatal Diagnosis of Cystic Fibrosis and Hemophilia: Incidental Findings and Weak Points. <i>Diagnostics</i> , 2020, 10, 7.	1.3	3
42	Impaired Ratio of Unsaturated to Saturated Non-Esterified Fatty Acids in Saliva from Patients with Cystic Fibrosis. <i>Diagnostics</i> , 2020, 10, 915.	1.3	2
43	Sterol and steroid catabolites from cholesterol produced by the psychrophile <i>Pseudoalteromonas haloplanktis</i> . <i>Journal of Mass Spectrometry</i> , 2014, 49, 947-951.	0.7	1
44	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.	1.3	1
45	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.	1.6	1
46	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.	1.6	0