

Cristina Gomez

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,334
citations

361045

20
h-index

395343

33
g-index

47
all docs

47
docs citations

47
times ranked

2146
citing authors

#	ARTICLE	IF	CITATIONS
1	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1797-1807.	1.5	236
2	Metabolomics analysis identifies different metabotypes of asthma severity. <i>European Respiratory Journal</i> , 2017, 49, 1601740.	3.1	143
3	IL-17 ^{hi} high asthma with features of a psoriasis immunophenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1198-1213.	1.5	80
4	Analytical strategies based on mass spectrometric techniques for the study of steroid metabolism. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 53, 106-116.	5.8	74
5	Alternative long-term markers for the detection of methyltestosterone misuse. <i>Steroids</i> , 2013, 78, 44-52.	0.8	67
6	New potential markers for the detection of boldenone misuse. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 132, 239-246.	1.2	59
7	Stratification of asthma phenotypes by airway proteomic signatures. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 70-82.	1.5	59
8	A new sulphate metabolite as a long-term marker of metandienone misuse. <i>Steroids</i> , 2013, 78, 1245-1253.	0.8	57
9	Urinary Leukotriene E ₄ and Prostaglandin D ₂ Metabolites Increase in Adult and Childhood Severe Asthma Characterized by Type 2 Inflammation. A Clinical Observational Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 37-53.	2.5	49
10	A computational framework for complex disease stratification from multiple large-scale datasets. <i>BMC Systems Biology</i> , 2018, 12, 60.	3.0	43
11	Pseudoephedrine and circadian rhythm interaction on neuromuscular performance. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, e603-12.	1.3	37
12	Leukotriene E ₄ induces airflow obstruction and mast cell activation through the cysteinyl leukotriene type 1 receptor. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1080-1089.	1.5	36
13	Exosomes and cells from lung cancer pleural exudates transform LTC ₄ to LTD ₄ , promoting cell migration and survival via CysLT ₁ . <i>Cancer Letters</i> , 2019, 444, 1-8.	3.2	35
14	Mass spectrometric behavior of anabolic androgenic steroids using gas chromatography coupled to atmospheric pressure chemical ionization source. Part I: Ionization. <i>Journal of Mass Spectrometry</i> , 2014, 49, 509-521.	0.7	33
15	Aronia ⁺ citrus juice (polyphenol-rich juice) intake and elite triathlon training: a lipidomic approach using representative oxylipins in urine. <i>Food and Function</i> , 2018, 9, 463-475.	2.1	33
16	Lipid Mediator Quantification in Isolated Human and Guinea Pig Airways: An Expanded Approach for Respiratory Research. <i>Analytical Chemistry</i> , 2018, 90, 10239-10248.	3.2	33
17	Development and Validation of a Highly Sensitive LC-MS/MS Method for the Analysis of Bile Acids in Serum, Plasma, and Liver Tissue Samples. <i>Metabolites</i> , 2020, 10, 282.	1.3	28
18	Exhaled volatile organic compounds as markers for medication use in asthma. <i>European Respiratory Journal</i> , 2020, 55, 1900544.	3.1	27

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19	Detection and characterization of urinary metabolites of boldione by LC-MS/MS. Part I: Phase I metabolites excreted free, as glucuronide and sulfate conjugates, and released after alkaline treatment of the urine. <i>Drug Testing and Analysis</i> , 2012, 4, 775-785.	1.6	26
20	Mass spectrometric characterization of urinary toremifene metabolites for doping control analyses. <i>Journal of Chromatography A</i> , 2011, 1218, 4727-4737.	1.8	23
21	Quantitative metabolic profiling of urinary eicosanoids for clinical phenotyping. <i>Journal of Lipid Research</i> , 2019, 60, 1164-1173.	2.0	20
22	Renal denervation attenuates hypertension and renal dysfunction in a model of cardiovascular and renal disease, which is associated with reduced NADPH and xanthine oxidase activity. <i>Redox Biology</i> , 2017, 13, 522-527.	3.9	16
23	Detection and characterization of urinary metabolites of boldione by LC-MS/MS. Part II: Conjugates with cysteine and <i>N</i> -acetylcysteine. <i>Drug Testing and Analysis</i> , 2012, 4, 786-797.	1.6	15
24	Metabolomics: a tool to characterize the effect of phthalates and bisphenol A. <i>Environmental Reviews</i> , 2018, 26, 351-357.	2.1	15
25	Epithelial dysregulation in obese severe asthmatics with gastro-oesophageal reflux. <i>European Respiratory Journal</i> , 2019, 53, 1900453.	3.1	15
26	Urinary metabolotype of severe asthma evidences decreased carnitine metabolism independent of oral corticosteroid treatment in the U-BIOPRED study. <i>European Respiratory Journal</i> , 2022, 59, 2101733.	3.1	13
27	Identification of free and conjugated metabolites of mesocarb in human urine by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2903-2916.	1.9	12
28	Sulfate metabolites as alternative markers for the detection of 4-chlorometandienone misuse in doping control. <i>Drug Testing and Analysis</i> , 2017, 9, 983-993.	1.6	12
29	Medication Adherence in Patients With Severe Asthma Prescribed Oral Corticosteroids in the U-BIOPRED Cohort. <i>Chest</i> , 2021, 160, 53-64.	0.4	10
30	Plasma proteins elevated in severe asthma despite oral steroid use and unrelated to Type-2 inflammation. <i>European Respiratory Journal</i> , 2022, 59, 2100142.	3.1	10
31	LC-MS/MS detection of unaltered glucuronoconjugated metabolites of metandienone. <i>Drug Testing and Analysis</i> , 2017, 9, 534-544.	1.6	8
32	Loss of Claudin-3 Impairs Hepatic Metabolism, Biliary Barrier Function, and Cell Proliferation in the Murine Liver. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 745-767.	2.3	5
33	Measures of adherence in patients with severe asthma prescribed systemic steroids in the U-BIOPRED cohort. , 2018, , .		1
34	Late Breaking Abstract - Matrix metalloproteinases in serum and sputum reflect distinct processes of relevance to asthma. , 2019, , .		1
35	Urinary metabolomics identifies molecular signatures associated with bronchopulmonary dysplasia (BPD) and birth-term. , 2020, , .		1
36	Baseline and longitudinal urinary eicosanoid profiles for molecular sub-phenotyping in the U-BIOPRED study. , 2019, , .		1

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37	Urinary Eicosanoid Levels Reflect Allergen and Diesel Exhaust Coexposure and Are Linked to Impaired Lung Function. <i>Environmental Science & Technology</i> , 2022, 56, 7107-7118.	4.6	1
38	Lipid Mediator-Based Molecular Profiling Identified 5 Distinct Asthma Sub-Phenotypes in the U-BIOPRED Study. , 2019, , .		0
39	Asthma Sub-Phenotyping in Plasma from U-BIOPRED and BIOAIR Using Array-Based Proteomics. , 2019, , .		0
40	Impact on Bile Acid Concentrations by Alveolar Echinococcosis and Treatment with Albendazole in Mice. <i>Metabolites</i> , 2021, 11, 442.	1.3	0
41	Non-invasive urinary lipid mediator excretion profiles identify sub-phenotypes of asthma in the U-BIOPRED study. , 2016, , .		0
42	The CysLT1receptor antagonist montelukast inhibits mast cell activation induced by inhaled leukotriene E4in subjects with asthma. , 2016, , .		0
43	Increased serum MMP-3 in severe asthma is associated with oral steroid use; data from U-BIOPRED and BIOAIR cohorts. , 2017, , .		0
44	Antigen challenge results in specific activation of pathways for arachidonic acid oxygenation. , 2018, , .		0
45	Association between exhaled volatile organic compounds and urinary levels of oral corticosteroids within the U-BIOPRED Cohort. , 2018, , .		0
46	Plasma protein profiles as markers of asthma severity and exposure to oral corticosteroids in U-BIOPRED and BIOAIR. , 2020, , .		0