Alexandros P Siskos

List of Publications by Year
in descending order

33 papers	1,456 citations	471061 17 h-index	414034 32 g-index
37 all docs	37 docs citations	37 times ranked	2983 citing authors

#	Article	IF	Citations
1	Interlaboratory Reproducibility of a Targeted Metabolomics Platform for Analysis of Human Serum and Plasma. Analytical Chemistry, 2017, 89, 656-665.	3.2	203
2	Human Early Life Exposome (HELIX) study: a European population-based exposome cohort. BMJ Open, 2018, 8, e021311.	0.8	161
3	Determinants of the urinary and serum metabolome in children from six European populations. BMC Medicine, 2018, 16, 202.	2.3	107
4	Molecular Basis of Celmer's Rules: Stereochemistry of Catalysis by Isolated Ketoreductase Domains from Modular Polyketide Synthases. Chemistry and Biology, 2005, 12, 1145-1153.	6.2	101
5	Directed Mutagenesis Alters the Stereochemistry of Catalysis by Isolated Ketoreductase Domains from the Erythromycin Polyketide Synthase. Chemistry and Biology, 2006, 13, 277-285.	6.2	96
6	Prenatal Exposure to Perfluoroalkyl Substances Associated With Increased Susceptibility to Liver Injury in Children. Hepatology, 2020, 72, 1758-1770.	3.6	90
7	Astrocyte adenosine deaminase loss increases motor neuron toxicity in amyotrophic lateral sclerosis. Brain, 2019, 142, 586-605.	3.7	84
8	Metabolomic Analysis Reveals Increased Aerobic Glycolysis and Amino Acid Deficit in a Cellular Model of Amyotrophic Lateral Sclerosis. Molecular Neurobiology, 2016, 53, 2222-2240.	1.9	71
9	Liposomal encapsulation enhances and prolongs the anti-inflammatory effects of water-soluble dexamethasone phosphate in experimental adjuvant arthritis. Arthritis Research and Therapy, 2010, 12, R147.	1.6	69
10	Peptide and protein drugs: The study of their metabolism and catabolism by mass spectrometry. Mass Spectrometry Reviews, 2012, 31, 110-133.	2.8	62
11	Omics for prediction of environmental health effects: Blood leukocyte-based cross-omic profiling reliably predicts diseases associated with tobacco smoking. Scientific Reports, 2016, 6, 20544.	1.6	38
12	Plasma Metabolomic Profiles of Breast Cancer Patients after Short-term Limonene Intervention. Cancer Prevention Research, 2015, 8, 86-93.	0.7	34
13	Lactic acidosis induces resistance to the pan-Akt inhibitor uprosertib in colon cancer cells. British Journal of Cancer, 2020, 122, 1298-1308.	2.9	32
14	Assessment of metabolic phenotypic variability in children's urine using 1H NMR spectroscopy. Scientific Reports, 2017, 7, 46082.	1.6	30
15	Chain initiation on type I modular polyketide synthases revealed by limited proteolysis and ion-trap mass spectrometry. FEBS Journal, 2005, 272, 2373-2387.	2.2	27
16	Advancing tools for human early lifecourse exposome research and translation (ATHLETE). Environmental Epidemiology, 2021, 5, e166.	1.4	24
17	Variability of multi-omics profiles in a population-based child cohort. BMC Medicine, 2021, 19, 166.	2.3	23
18	Prospective analysis of circulating metabolites and endometrial cancer risk. Gynecologic Oncology, 2021, 162, 475-481.	0.6	23

#	Article	IF	Citations
19	Blood-based omic profiling supports female susceptibility to tobacco smoke-induced cardiovascular diseases. Scientific Reports, 2017, 7, 42870.	1.6	22
20	In utero and childhood exposure to tobacco smoke and multi-layer molecular signatures in children. BMC Medicine, 2020, 18, 243.	2.3	22
21	A case of malignant hyperlactaemic acidosis appearing upon treatment with the mono-carboxylase transporter 1 inhibitor AZD3965. British Journal of Cancer, 2020, 122, 1141-1145.	2.9	19
22	Systems level profiling of chemotherapy-induced stress resolution in cancer cells reveals druggable trade-offs. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	18
23	Investigation of glycerol incorporation into soraphen A. Chemical Communications, 1998, , 2361-2362.	2.2	17
24	Simultaneous Absolute Quantification of the Glucose-Dependent Insulinotropic Polypeptides GIP$_{1-42}$ and GIP$_{3-42}$ in Mouse Plasma by LC/ESI-MS/MS: Preclinical Evaluation of DP-IV Inhibitors. Journal of Proteome Research, 2009, 8, 3487-3496.	1.8	15
25	Transarterial Embolization with Sorafenib in Animal Livers: A Pharmacokinetics Study. Journal of Vascular and Interventional Radiology, 2013, 24, 1657-1663.e1.	0.2	12
26	A highly efficient synthesis of [1-13C, 18O]- and [1-13C, 2H2]-glycerol for the elucidation of biosynthetic pathways. Tetrahedron Letters, 2003, 44, 789-792.	0.7	11
27	Leptin, acylcarnitine metabolites and development of adiposity in the Rhea mother–child cohort in Crete, Greece. Obesity Science and Practice, 2016, 2, 471-476.	1.0	11
28	CYP3A7*1C allele is associated with reduced levels of 2-hydroxylation pathway oestrogen metabolites. British Journal of Cancer, 2017, 116, 382-388.	2.9	11
29	Urinary metabolite quantitative trait loci in children and their interaction with dietary factors. Human Molecular Genetics, 2021, 29, 3830-3844.	1.4	7
30	Urinary metabolic biomarkers of diet quality in European children are associated with metabolic health. ELife, 2022, 11, .	2.8	6
31	Persistence of Epigenomic Effects After Recovery From Repeated Treatment With Two Nephrocarcinogens. Frontiers in Genetics, 2018, 9, 558.	1.1	4
32	Effects of Mediterranean Diet on the Metabolome. , 2016, , 121-137.		2
33	A Highly Efficient Synthesis of [1-13C,18O]- and [1-13C,2H2]-Glycerol for the Elucidation of Biosynthetic Pathways.. ChemInform, 2003, 34, no.	0.1	0