Alex Chao

List of Publications by Year
in descending order

16 papers	385 citations	840776 11 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	587 citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainty estimation strategies for quantitative non-targeted analysis. Analytical and Bioanalytical Chemistry, 2022, 414, 4919-4933.	3.7	20
2	Integrative exposomic, transcriptomic, epigenomic analyses of human placental samples links understudied chemicals to preeclampsia. Environment International, 2022, 167, 107385.	10.0	6
3	Predicting compound amenability with liquid chromatography-mass spectrometry to improve non-targeted analysis. Analytical and Bioanalytical Chemistry, 2021, 413, 7495-7508.	3.7	12
4	Revisiting Five Years of CASMI Contests with EPA Identification Tools. Metabolites, 2020, 10, 260.	2.9	12
5	Expanded coverage of non-targeted LC-HRMS using atmospheric pressure chemical ionization: a case study with ENTACT mixtures. Analytical and Bioanalytical Chemistry, 2020, 412, 4931-4939.	3.7	15
6	Examining NTA performance and potential using fortified and reference house dust as part of EPAâ€™s Non-Targeted Analysis Collaborative Trial (ENTACT). Analytical and Bioanalytical Chemistry, 2020, 412, 4221-4233.	3.7	22
7	Review of the environmental prenatal exposome and its relationship to maternal and fetal health. Reproductive Toxicology, 2020, 98, 1-12.	2.9	67
8	In silico MS/MS spectra for identifying unknowns: a critical examination using CFM-ID algorithms and ENTACT mixture samples. Analytical and Bioanalytical Chemistry, 2020, 412, 1303-1315.	3.7	31
9	Structure of a *Mycobacterium tuberculosis* Heme-Degrading Protein, MhuD, Variant in Complex with Its Product. Biochemistry, 2019, 58, 4610-4620.	2.5	3
10	A Single Mutation in the Mycobacterium tuberculosis Heme-Degrading Protein, MhuD, Results in Different Products. Biochemistry, 2019, 58, 489-492.	2.5	13
11	Using prepared mixtures of ToxCast chemicals to evaluate non-targeted analysis (NTA) method performance. Analytical and Bioanalytical Chemistry, 2019, 411, 835-851.	3.7	54
12	The affinity of MhuD for heme is consistent with a heme degrading function *in vivo*. Metallomics, 2018, 10, 1560-1563.	2.4	11
13	Pharmacological Inhibition of Host Heme Oxygenase-1 Suppresses Mycobacterium tuberculosis Infection *In Vivo* by a Mechanism Dependent on T Lymphocytes. MBio, 2016, 7, .	4.1	44
14	Crystallographic and Spectroscopic Insights into Heme Degradation by *Mycobacterium tuberculosis* MhuD. Inorganic Chemistry, 2014, 53, 5931-5940.	4.0	52
15	Site-specific phosphorylation of protein phosphatase 1 regulatory subunit 12A stimulated or suppressed by insulin. Journal of Proteomics, 2012, 75, 3342-3350.	2.4	13
16	Insulin-stimulated phosphorylation of protein phosphatase 1 regulatory subunit 12B revealed by HPLC-ESI-MS/MS. Proteome Science, 2012, 10, 52.	1.7	10