Kate E Kemsley

List of Publications by Year
in descending order

23	963	567281 15	642732 23
papers	citations	h-index	g-index

23	23	23	1659
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection, discrimination and quantification of amphetamine, cathinone and norâ€ephedrine regioisomers using benchtop ¹H and ¹⁹F nuclear magnetic resonance spectroscopy. Magnetic Resonance in Chemistry, 2023, 61, 73-82.	1.9	7
2	Mitigating instrument effects in 60ÂMHz 1H NMR spectroscopy for authenticity screening of edible oils. Food Chemistry, 2022, 370, 131333.	8.2	10
3	Quantification of MDMA in seized tablets using benchtop 1H NMR spectroscopy in the absence of internal standards. Forensic Chemistry, 2020, 20, 100263.	2.8	20
4	Highâ€throughput screening of argan oil composition and authenticity using benchtop ¹H NMR. Magnetic Resonance in Chemistry, 2020, 58, 1177-1186.	1.9	16
5	Low vs high field 1h Nmr spectroscopy for the detection of adulteration of cold pressed rapeseed oil with refined oils. LWT - Food Science and Technology, 2019, 111, 490-499.	5.2	22
6	Rapid Identification of Novel Psychoactive and Other Controlled Substances Using Low-Field ¹H NMR Spectroscopy. ACS Omega, 2019, 4, 7103-7112.	3.5	41
7	Quantitative authenticity testing of buffalo mozzarella via Î±s1-Casein using multiple reaction monitoring mass spectrometry. Food Control, 2019, 101, 189-197.	5.5	16
8	16-O-methylcafestol is present in ground roast Arabica coffees: Implications for authenticity testing. Food Chemistry, 2018, 248, 52-60.	8.2	55
9	Using induced chlorophyll production to monitor the physiological state of stored potatoes (Solanum tuberosum L.). Postharvest Biology and Technology, 2018, 145, 222-229.	6.0	9
10	Metabolite quantification of faecal extracts from colorectal cancer patients and healthy controls. Oncotarget, 2018, 9, 33278-33289.	1.8	26
11	Acute Consumption of Flavan-3-ol-Enriched Dark Chocolate Affects Human Endogenous Metabolism. Journal of Proteome Research, 2017, 16, 2516-2526.	3.7	14
12	Low-field 1H NMR spectroscopy for distinguishing between arabica and robusta ground roast coffees. Food Chemistry, 2017, 216, 106-113.	8.2	76
13	Species Determination and Quantitation in Mixtures Using MRM Mass Spectrometry of Peptides Applied to Meat Authentication. Journal of Visualized Experiments, 2016, , .	0.3	3
14	Meat Authentication via Multiple Reaction Monitoring Mass Spectrometry of Myoglobin Peptides. Analytical Chemistry, 2015, 87, 10315-10322.	6.5	68
15	60MHz 1H NMR spectroscopy for the analysis of edible oils. TrAC - Trends in Analytical Chemistry, 2014, 57, 147-158.	11.4	118
16	Evaluation of multiple variate selection methods from a biological perspective: a nutrigenomics case study. Genes and Nutrition, 2012, 7, 387-397.	2.5	4
17	Metabolomics of Fecal Extracts Detects Altered Metabolic Activity of Gut Microbiota in Ulcerative Colitis and Irritable Bowel Syndrome. Journal of Proteome Research, 2011, 10, 4208-4218.	3.7	299
18	Prediction of Variability in CYP3A4 Induction Using a Combined ¹H NMR Metabonomics and Targeted UPLCâ€“MS Approach. Journal of Proteome Research, 2011, 10, 2807-2816.	3.7	20

#	Article	IF	Citations
19	TinyLVR: A utility for viewing single predictor multivariate models in terms of a two factor latent vector model. Chemometrics and Intelligent Laboratory Systems, 2011, 105, 19-26.	3.5	5
20	Notes on the practical utility of OPLS. TrAC - Trends in Analytical Chemistry, 2009, 28, 1322-1327.	11.4	42
21	Electromyography of the masticatory muscles can detect variation in the mechanical and sensory properties of apples. Food Quality and Preference, 2009, 20, 203-215.	4.6	16
22	Feasibility study of NIR diffuse optical tomography on agricultural produce. Postharvest Biology and Technology, 2008, 48, 223-230.	6.0	20
23	Factors Affecting the Release of Flavor Encapsulated in Carbohydrate Matrixes. Journal of Agricultural and Food Chemistry, 1999, 47, 5198-5205.	5.2	56