

Eng Shi Ong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7391620/publications.pdf>

Version: 2024-02-01

42
papers

2,538
citations

201674

27
h-index

265206

42
g-index

42
all docs

42
docs citations

42
times ranked

3020
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressurized hot water extraction (PHWE). Journal of Chromatography A, 2010, 1217, 2484-2494.	3.7	439
2	Pressurized hot water extraction of bioactive or marker compounds in botanicals and medicinal plant materials. Journal of Chromatography A, 2006, 1112, 92-102.	3.7	180
3	Simultaneous analysis of different classes of phytohormones in coconut (<i>Cocos nucifera</i> L.) water using high-performance liquid chromatography and liquid chromatography-tandem mass spectrometry after solid-phase extraction. Analytica Chimica Acta, 2008, 610, 274-281.	5.4	177
4	Extraction methods and chemical standardization of botanicals and herbal preparations. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 812, 23-33.	2.3	122
5	Pressurized hot water extraction of berberine, baicalein and glycyrrhizin in medicinal plants. Analytica Chimica Acta, 2003, 482, 81-89.	5.4	112
6	Identification of kinetin and kinetin riboside in coconut (<i>Cocos nucifera</i> L.) water using a combined approach of liquid chromatography-tandem mass spectrometry, high performance liquid chromatography and capillary electrophoresis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 829, 26-34.	2.3	95
7	Emerging green technologies for the chemical standardization of botanicals and herbal preparations. TrAC - Trends in Analytical Chemistry, 2013, 50, 1-10.	11.4	91
8	Inhibitory Effects of a Chemically Standardized Extract from <i>Scutellaria barbata</i> in Human Colon Cancer Cell Lines, LoVo. Journal of Agricultural and Food Chemistry, 2005, 53, 8197-8204.	5.2	81
9	Metabolic profiling in colorectal cancer reveals signature metabolic shifts during tumorigenesis. Molecular and Cellular Proteomics, 2010, , .	3.8	79
10	Evaluation of the extraction efficiency of thermally labile bioactive compounds in <i>Gastrodia elata</i> Blume by pressurized hot water extraction and microwave-assisted extraction. Journal of Chromatography A, 2008, 1182, 34-40.	3.7	76
11	A multi-analytical approach for metabolomic profiling of zebrafish (<i>Danio rerio</i>) livers. Molecular BioSystems, 2009, 5, 288-298.	2.9	74
12	Validation of green-solvent extraction combined with chromatographic chemical fingerprint to evaluate quality of <i>Stevia rebaudiana</i> Bertoni. Journal of Separation Science, 2009, 32, 613-622.	2.5	69
13	Chemical assay of glycyrrhizin in medicinal plants by pressurized liquid extraction (PLE) with capillary zone electrophoresis (CZE). Journal of Separation Science, 2002, 25, 825-831.	2.5	60
14	Determination of senkirkine and senecionine in <i>Tussilago farfara</i> using microwave-assisted extraction and pressurized hot water extraction with liquid chromatography tandem mass spectrometry. Talanta, 2009, 79, 539-546.	5.5	59
15	Determination of pyrrolizidine alkaloids in comfrey by liquid chromatography-electrospray ionization mass spectrometry. Talanta, 2009, 80, 916-923.	5.5	55
16	Metabonomics investigation of human urine after ingestion of green tea with gas chromatography/mass spectrometry, liquid chromatography/mass spectrometry and ¹ H NMR spectroscopy. Rapid Communications in Mass Spectrometry, 2008, 22, 2436-2446.	1.5	51
17	Analysis of some cytokinins in coconut (<i>Cocos nucifera</i> L.) water by micellar electrokinetic capillary chromatography after solid-phase extraction. Journal of Chromatography A, 2004, 1048, 119-126.	3.7	50
18	Analyses of gibberellins by capillary electrophoresis-mass spectrometry combined with solid-phase extraction. Journal of Chromatography A, 2007, 1159, 242-249.	3.7	50

#	ARTICLE	IF	CITATIONS
19	Determination of cytokinins in coconut (<i>Cocos nucifera</i> L.) water using capillary zone electrophoresis-tandem mass spectrometry. <i>Electrophoresis</i> , 2006, 27, 2171-2181.	2.4	47
20	Evaluation of surfactant assisted pressurized liquid extraction for the determination of glycyrrhizin and ephedrine in medicinal plants. <i>Analytica Chimica Acta</i> , 2007, 583, 289-295.	5.4	46
21	Analysis of cytokinin nucleotides in coconut (<i>Cocos nucifera</i> L.) water using capillary zone electrophoresis-tandem mass spectrometry after solid-phase extraction. <i>Journal of Chromatography A</i> , 2006, 1133, 322-331.	3.7	41
22	A green and effective approach for characterisation and quality control of <i>Chrysanthemum</i> by pressurized hot water extraction in combination with HPLC with UV absorbance detection. <i>Food Chemistry</i> , 2013, 141, 1807-1813.	8.2	41
23	Analysis of some cytokinins in coconut (<i>Cocos nucifera</i> L.) water by micellar electrokinetic capillary chromatography after solid-phase extraction. <i>Journal of Chromatography A</i> , 2004, 1048, 119-126.	3.7	37
24	Determination of berberine and strychnine in medicinal plants and herbal preparations by pressurized liquid extraction with capillary zone electrophoresis. <i>Electrophoresis</i> , 2001, 22, 2723-2729.	2.4	36
25	Analysis of positional isomers of hydroxylated aromatic cytokinins by micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2005, 26, 1768-1777.	2.4	32
26	Evaluation of Pressurized Liquid Extraction and Pressurized Hot Water Extraction for Tanshinone I and IIA in <i>Salvia miltiorrhiza</i> Using LC and LC-ESI-MS. <i>Journal of Chromatographic Science</i> , 2004, 42, 211-216.	1.4	31
27	Investigation of differentially expressed proteins due to the inhibitory effects of berberine in human liver cancer cell line HepG2. <i>Molecular BioSystems</i> , 2006, 2, 250.	2.9	31
28	Determination of gastrodin and vanillyl alcohol in <i>Gastrodia elata</i> Blume by pressurized liquid extraction at room temperature. <i>Journal of Separation Science</i> , 2007, 30, 2130-2137.	2.5	28
29	Qualitative and quantitative analysis of toosendanin in <i>Melia toosendan</i> Sieb. Et Zucc (Meliaceae) with liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 589-598.	1.5	28
30	Analyses of gibberellins in coconut (<i>Cocos nucifera</i> L.) water by partial filling micellar electrokinetic chromatography-mass spectrometry with reversal of electroosmotic flow. <i>Electrophoresis</i> , 2008, 29, 2126-2134.	2.4	28
31	Solventless extraction methods for immature fruits: Evaluation of their antioxidant and cytoprotective activities. <i>Food Chemistry</i> , 2017, 221, 1388-1393.	8.2	24
32	Evaluation of surfactant-assisted pressurized hot water extraction for marker compounds in <i>Radix Codonopsis pilosula</i> using liquid chromatography and liquid chromatography/electrospray ionization mass spectrometry. <i>Journal of Separation Science</i> , 2003, 26, 1533-1540.	2.5	23
33	Inhibitory effect of kinetin riboside in human heptamoia, HepG2. <i>Molecular BioSystems</i> , 2009, 5, 91-98.	2.9	18
34	Antioxidant and Cytoprotective Effect of Quinoa (<i>Chenopodium quinoa</i> Willd.) with Pressurized Hot Water Extraction (PHWE). <i>Antioxidants</i> , 2020, 9, 1110.	5.1	18
35	Proteomic analysis of mouse liver for the evaluation of effects of <i>Scutellariae radix</i> by liquid chromatography with tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2522-2530.	1.5	17
36	Combination of 1H Nuclear Magnetic Resonance Spectroscopy and Liquid Chromatography/Mass Spectrometry with Pattern Recognition Techniques for Evaluation of Metabolic Profile Associated with Albuminuria. <i>Journal of Proteome Research</i> , 2009, 8, 1828-1837.	3.7	17

#	ARTICLE	IF	CITATIONS
37	A combination of metabolomics and metallomics studies of urine and serum from hypercholesterolaemic rats after berberine injection. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 847-856.	3.7	17
38	Pressurized Hot Water Extraction of Okra Seeds Reveals Antioxidant, Antidiabetic and Vasoprotective Activities. <i>Plants</i> , 2021, 10, 1645.	3.5	17
39	Separation of cytokinin isomers with a partial filling micellar electrokinetic chromatography mass spectrometry approach. <i>Electrophoresis</i> , 2008, 29, 2024-2032.	2.4	15
40	Differential Protein Expression of the Inhibitory Effects of a Standardized Extract from <i>Scutellariae radix</i> in Liver Cancer Cell Lines Using Liquid Chromatography and Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8-16.	5.2	13
41	Metabolic profile associated with glucose and cholesterol lowering effects of berberine in Sprague-Dawley rats. <i>Metabolomics</i> , 2012, 8, 1052-1068.	3.0	11
42	Surfactant-Assisted Pressurized Liquid Extraction at Room Temperature for <i>Radix glycyrrhizae</i> by a New Class of Surfactants. <i>Journal of Chromatographic Science</i> , 2016, 54, 864-870.	1.4	2