Ana Margarida AraÃºjo

List of Publications by Year
in descending order

37 papers	896 citations	471061 17 h-index	454577 30 g-index
43 all docs	43 docs citations	43 times ranked	1298 citing authors

#	Article	IF	Citations
1	Cardiotoxicity of cyclophosphamideâ€™s metabolites: an in vitro metabolomics approach in AC16 human cardiomyocytes. Archives of Toxicology, 2022, 96, 653-671.	1.9	14
2	In vivo toxicometabolomics reveals multi-organ and urine metabolic changes in mice upon acuteÂexposure to human-relevant doses of 3,4-methylenedioxypyrovalerone (MDPV). Archives of Toxicology, 2021, 95, 509-527.	1.9	11
3	Toxicometabolomics: Small Molecules to Answer Big Toxicological Questions. Metabolites, 2021, 11, 692.	1.3	21
4	Effect of temperature on 3,4-Methylenedioxypyrovalerone (MDPV)-induced metabolome disruption in primary mouse hepatic cells. Toxicology, 2020, 441, 152503.	2.0	8
5	Gold Nanoparticles Induce Oxidative Stress and Apoptosis in Human Kidney Cells. Nanomaterials, 2020, 10, 995.	1.9	46
6	The interplay between autophagy and apoptosis mediates toxicity triggered by synthetic cathinones in human kidney cells. Toxicology Letters, 2020, 331, 42-52.	0.4	6
7	3,4-Methylenedioxymethamphetamine Hepatotoxicity under the Heat Stress Condition: Novel Insights from in Vitro Metabolomic Studies. Journal of Proteome Research, 2020, 19, 1222-1234.	1.8	5
8	Volatilomics Reveals Potential Biomarkers for Identification of Renal Cell Carcinoma: An In Vitro Approach. Metabolites, 2020, 10, 174.	1.3	9
9	Development and optimization of a HS-SPME-GC-MS methodology to quantify volatile carbonyl compounds in Port wines. Food Chemistry, 2019, 270, 518-526.	4.2	52
10	Hepatic Metabolic Derangements Triggered by Hyperthermia: An In Vitro Metabolomic Study. Metabolites, 2019, 9, 228.	1.3	5
11	Metabolic signature of methylone in primary mouse hepatocytes, at subtoxic concentrations. Archives of Toxicology, 2019, 93, 3277-3290.	1.9	7
12	GC-MS Metabolomics Reveals Distinct Profiles of Low- and High-Grade Bladder Cancer Cultured Cells. Metabolites, 2019, 9, 18.	1.3	15
13	Development and Validation of a GC-MS/MS Method for cis- and trans-Resveratrol Determination: Application to Portuguese Wines. Food Analytical Methods, 2019, 12, 1536-1544.	1.3	8
14	Synthetic Cannabinoids JWH-122 and THJ-2201 Disrupt Endocannabinoid-Regulated Mitochondrial Function and Activate Apoptotic Pathways as a Primary Mechanism of In Vitro Nephrotoxicity at In Vivo Relevant Concentrations. Toxicological Sciences, 2019, 169, 422-435.	1.4	18
15	A Metabolomic Approach for the In Vivo Study of Gold Nanospheres and Nanostars after a Single-Dose Intravenous Administration to Wistar Rats. Nanomaterials, 2019, 9, 1606.	1.9	15
16	Volatile metabolomic signature of bladder cancer cell lines based on gas chromatographyâ€“mass spectrometry. Metabolomics, 2018, 14, 62.	1.4	32
17	Discrimination between the human prostate normal and cancer cell exometabolome by GC-MS. Scientific Reports, 2018, 8, 5539.	1.6	50
18	GCâ€“MS metabolomics reveals disturbed metabolic pathways in primary mouse hepatocytes exposed to subtoxic levels of 3,4-methylenedioxymethamphetamine (MDMA). Archives of Toxicology, 2018, 92, 3307-3323.	1.9	26

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19	Multi-milligram resolution and determination of absolute configuration of pentedrone and methylone enantiomers. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1100-1101, 158-164.	1.2	26
20	Toxicity of synthetic cathinones in human kidney (HK-2) cells. Toxicology Letters, 2018, 295, S240.	0.4	0
21	Analysis of extracellular metabolome by HS-SPME/GCâ€“MS: Optimization and application in a pilot study to evaluate galactosamine-induced hepatotoxicity. Toxicology Letters, 2018, 295, 22-31.	0.4	18
22	GC-MS-Based Endometabolome Analysis Differentiates Prostate Cancer from Normal Prostate Cells. Metabolites, 2018, 8, 23.	1.3	22
23	Metabolomic approaches in the discovery of potential urinary biomarkers of drug-induced liver injury (DILI). Critical Reviews in Toxicology, 2017, 47, 638-654.	1.9	25
24	Photosynthetic performance and volatile organic compounds profile in Eucalyptus globulus after UVB radiation. Environmental and Experimental Botany, 2017, 140, 141-149.	2.0	27
25	Unravelling the mechanisms of neuronal, hepatic, cardiac and renal cell toxicity of two synthetic cannabinoids, 5F-PB 22 and XLR-11. Toxicology Letters, 2017, 280, S87.	0.4	0
26	Editorâ€™s Highlight: Characterization of Hepatotoxicity Mechanisms Triggered by Designer Cathinone Drugs (Î²-Keto Amphetamines). Toxicological Sciences, 2016, 153, 89-102.	1.4	50
27	3,4-Methylenedioxypyrovalerone (MDPV): in vitro mechanisms of hepatotoxicity under normothermic and hyperthermic conditions. Archives of Toxicology, 2016, 90, 1959-1973.	1.9	62
28	Chemical characterization and in vitro cyto- and genotoxicity of â€˜legal highâ€™ products containing Kratom (Mitragyna speciosa). Forensic Toxicology, 2016, 34, 213-226.	1.4	9
29	Optimisation and validation of a HS-SPMEâ€“GCâ€“IT/MS method for analysis of carbonyl volatile compounds as biomarkers in human urine: Application in a pilot study to discriminate individuals with smoking habits. Talanta, 2016, 148, 486-493.	2.9	38
30	Is hyperthermia the triggering factor for hepatotoxicity induced by â€˜bath saltsâ€™? An in vitro study using primary cultured rat hepatocytes. Toxicology Letters, 2015, 238, S260.	0.4	0
31	Development of an analytical method with PFBHA derivatization followed by headspace SPME-GC/MS for the determination of urinary volatile carbonyl metabolites in patients with prostate cancer. Toxicology Letters, 2015, 238, S232.	0.4	0
32	The hallucinogenic world of tryptamines: an updated review. Archives of Toxicology, 2015, 89, 1151-1173.	1.9	196
33	Raising awareness of new psychoactive substances: chemical analysis and in vitro toxicity screening of â€˜legal highâ€™ packages containing synthetic cathinones. Archives of Toxicology, 2015, 89, 757-771.	1.9	73
34	â€˜Smartâ€™ but not safe: The potential hepatotoxicity of synthetic cathinones. Toxicology Letters, 2014, 229, S64.	0.4	0
35	An insight into the mechanisms underlying the hepatotoxicity of cathinone derivatives. Toxicology Letters, 2014, 229, S58.	0.4	0
36	Analysis of body differences for the design of childrenâ€™s clothing. IOP Conference Series: Materials Science and Engineering, 0, 459, 012073.	0.3	0

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37	The main products of cyclophosphamide bioactivation exert a cardiotoxic effect at clinical important concentrations in AC16 cardiac cells. , 0, , .		0