Ana Margarida Arajo

List of Publications by Year in Descending Order

31 papers	605 citations	14 h-index	24 g-index
43 ext. papers	753 ext. citations	4.8 avg, IF	3.98 L-index

#	Paper	IF	Citations
31	Cardiotoxicity of cyclophosphamide's metabolites: an in vitro metabolomics approach in AC16 human cardiomyocytes.. *Archives of Toxicology*, **2022**, 96, 653	5.8	0
30	Toxicometabolomics: Small Molecules to Answer Big Toxicological Questions. *Metabolites*, **2021**, 11,	5.6	2
29	In vivo toxicometabolomics reveals multi-organ and urine metabolic changes in mice upon acute exposure to human-relevant doses of 3,4-methylenedioxypyrovalerone (MDPV). *Archives of Toxicology*, **2021**, 95, 509-527	5.8	3
28	Effect of temperature on 3,4-Methylenedioxypyrovalerone (MDPV)-induced metabolome disruption in primary mouse hepatic cells. *Toxicology*, **2020**, 441, 152503	4.4	6
27	Gold Nanoparticles Induce Oxidative Stress and Apoptosis in Human Kidney Cells. *Nanomaterials*, **2020**, 10,	5.4	25
26	The interplay between autophagy and apoptosis mediates toxicity triggered by synthetic cathinones in human kidney cells. *Toxicology Letters*, **2020**, 331, 42-52	4.4	2
25	3,4-Methylenedioxymethamphetamine Hepatotoxicity under the Heat Stress Condition: Novel Insights from in Vitro Metabolomic Studies. *Journal of Proteome Research*, **2020**, 19, 1222-1234	5.6	5
24	Volatilomics Reveals Potential Biomarkers for Identification of Renal Cell Carcinoma: An In Vitro Approach. *Metabolites*, **2020**, 10,	5.6	1
23	Metabolic signature of methylone in primary mouse hepatocytes, at subtoxic concentrations. *Archives of Toxicology*, **2019**, 93, 3277-3290	5.8	7
22	GC-MS Metabolomics Reveals Distinct Profiles of Low- and High-Grade Bladder Cancer Cultured Cells. *Metabolites*, **2019**, 9,	5.6	8
21	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	3.4	2
20	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	4.4	9
19	Development and optimization of a HS-SPME-GC-MS methodology to quantify volatile carbonyl compounds in Port wines. *Food Chemistry*, **2019**, 270, 518-526	8.5	27
18	Hepatic Metabolic Derangements Triggered by Hyperthermia: An In Vitro Metabolomic Study. *Metabolites*, **2019**, 9,	5.6	3
17	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,	5.4	8
16	Volatile metabolomic signature of bladder cancer cell lines based on gas chromatography-mass spectrometry. *Metabolomics*, **2018**, 14, 62	4.7	24
15	Discrimination between the human prostate normal and cancer cell exometabolome by GC-MS. *Scientific Reports*, **2018**, 8, 5539	4.9	29

14	GC-MS-Based Endometabolome Analysis Differentiates Prostate Cancer from Normal Prostate Cells. *Metabolites*, **2018**, 8,	5.6	15
13	Analysis of body differences for the design of children clothing. *IOP Conference Series: Materials Science and Engineering*, **2018**, 459, 012073	0.4	
12	GC-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	5.8	21
11	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	3.2	18
10	Analysis of extracellular metabolome by HS-SPME/GC-MS: Optimization and application in a pilot study to evaluate galactosamine-induced hepatotoxicity. *Toxicology Letters*, **2018**, 295, 22-31	4.4	14
9	Metabolomic approaches in the discovery of potential urinary biomarkers of drug-induced liver injury (DILI). *Critical Reviews in Toxicology*, **2017**, 47, 633-649	5.7	16
8	Photosynthetic performance and volatile organic compounds profile in Eucalyptus globulus after UVB radiation. *Environmental and Experimental Botany*, **2017**, 140, 141-149	5.9	19
7	Editor's Highlight: Characterization of Hepatotoxicity Mechanisms Triggered by Designer Cathinone Drugs (Keto Amphetamines). *Toxicological Sciences*, **2016**, 153, 89-102	4.4	42
6	3,4-Methylenedioxypyrovalerone (MDPV): in vitro mechanisms of hepatotoxicity under normothermic and hyperthermic conditions. *Archives of Toxicology*, **2016**, 90, 1959-73	5.8	52
5	Chemical characterization and in vitro cyto- and genotoxicity of legal high products containing Kratom (Mitragyna speciosa). *Forensic Toxicology*, **2016**, 34, 213-226	2.6	8
4	Optimisation and validation of a HS-SPME-GC-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, 486-93	6.2	31
3	The hallucinogenic world of tryptamines: an updated review. *Archives of Toxicology*, **2015**, 89, 1151-73	5.8	147
2	Raising awareness of new psychoactive substances: chemical analysis and in vitro toxicity screening of 'legal high' packages containing synthetic cathinones. *Archives of Toxicology*, **2015**, 89, 757-71	5.8	60
1	Is hyperthermia the triggering factor for hepatotoxicity induced by bath salts An in vitro study using primary cultured rat hepatocytes. *Toxicology Letters*, **2015**, 238, S260	4.4	