

# Ana Margarida Arajo

## List of Publications by Citations

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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	The hallucinogenic world of tryptamines: an updated review. <i>Archives of Toxicology</i> , <b>2015</b> , 89, 1151-73	5.8	147
30	Raising awareness of new psychoactive substances: chemical analysis and in vitro toxicity screening of 'legal high' packages containing synthetic cathinones. <i>Archives of Toxicology</i> , <b>2015</b> , 89, 757-71	5.8	60
29	3,4-Methylenedioxypropylvalerone (MDPV): in vitro mechanisms of hepatotoxicity under normothermic and hyperthermic conditions. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 1959-73	5.8	52
28	Editor's Highlight: Characterization of Hepatotoxicity Mechanisms Triggered by Designer Cathinone Drugs (EKeto Amphetamines). <i>Toxicological Sciences</i> , <b>2016</b> , 153, 89-102	4.4	42
27	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. <i>Talanta</i> , <b>2016</b> , 148, 486-93	6.2	31
26	Discrimination between the human prostate normal and cancer cell exometabolome by GC-MS. <i>Scientific Reports</i> , <b>2018</b> , 8, 5539	4.9	29
25	Development and optimization of a HS-SPME-GC-MS methodology to quantify volatile carbonyl compounds in Port wines. <i>Food Chemistry</i> , <b>2019</b> , 270, 518-526	8.5	27
24	Gold Nanoparticles Induce Oxidative Stress and Apoptosis in Human Kidney Cells. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	25
23	Volatile metabolomic signature of bladder cancer cell lines based on gas chromatography-mass spectrometry. <i>Metabolomics</i> , <b>2018</b> , 14, 62	4.7	24
22	GC-MS metabolomics reveals disturbed metabolic pathways in primary mouse hepatocytes exposed to subtoxic levels of 3,4-methylenedioxymethamphetamine (MDMA). <i>Archives of Toxicology</i> , <b>2018</b> , 92, 3307-3323	5.8	21
21	Photosynthetic performance and volatile organic compounds profile in <i>Eucalyptus globulus</i> after UVB radiation. <i>Environmental and Experimental Botany</i> , <b>2017</b> , 140, 141-149	5.9	19
20	Multi-milligram resolution and determination of absolute configuration of pentedrone and methylone enantiomers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1100-1101, 158-164	3.2	18
19	Metabolomic approaches in the discovery of potential urinary biomarkers of drug-induced liver injury (DILI). <i>Critical Reviews in Toxicology</i> , <b>2017</b> , 47, 633-649	5.7	16
18	GC-MS-Based Endometabolome Analysis Differentiates Prostate Cancer from Normal Prostate Cells. <i>Metabolites</i> , <b>2018</b> , 8,	5.6	15
17	Analysis of extracellular metabolome by HS-SPME/GC-MS: Optimization and application in a pilot study to evaluate galactosamine-induced hepatotoxicity. <i>Toxicology Letters</i> , <b>2018</b> , 295, 22-31	4.4	14
16	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. <i>Toxicological Sciences</i> , <b>2019</b> , 169, 422-435	4.4	9
15	GC-MS Metabolomics Reveals Distinct Profiles of Low- and High-Grade Bladder Cancer Cultured Cells. <i>Metabolites</i> , <b>2019</b> , 9,	5.6	8

14	Chemical characterization and in vitro cyto- and genotoxicity of legal high products containing Kratom ( <i>Mitragyna speciosa</i> ). <i>Forensic Toxicology</i> , <b>2016</b> , 34, 213-226	2.6	8
13	A Metabolomic Approach for the In Vivo Study of Gold Nanospheres and Nanostars after a Single-Dose Intravenous Administration to Wistar Rats. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	8
12	Metabolic signature of methylone in primary mouse hepatocytes, at subtoxic concentrations. <i>Archives of Toxicology</i> , <b>2019</b> , 93, 3277-3290	5.8	7
11	Effect of temperature on 3,4-Methylenedioxypropylamphetamine (MDPV)-induced metabolome disruption in primary mouse hepatic cells. <i>Toxicology</i> , <b>2020</b> , 441, 152503	4.4	6
10	3,4-Methylenedioxymethamphetamine Hepatotoxicity under the Heat Stress Condition: Novel Insights from in Vitro Metabolomic Studies. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 1222-1234	5.6	5
9	Hepatic Metabolic Derangements Triggered by Hyperthermia: An In Vitro Metabolomic Study. <i>Metabolites</i> , <b>2019</b> , 9,	5.6	3
8	In vivo toxicometabolomics reveals multi-organ and urine metabolic changes in mice upon acute exposure to human-relevant doses of 3,4-methylenedioxypropylamphetamine (MDPV). <i>Archives of Toxicology</i> , <b>2021</b> , 95, 509-527	5.8	3
7	Development and Validation of a GC-MS/MS Method for cis- and trans-Resveratrol Determination: Application to Portuguese Wines. <i>Food Analytical Methods</i> , <b>2019</b> , 12, 1536-1544	3.4	2
6	The interplay between autophagy and apoptosis mediates toxicity triggered by synthetic cathinones in human kidney cells. <i>Toxicology Letters</i> , <b>2020</b> , 331, 42-52	4.4	2
5	Toxicometabolomics: Small Molecules to Answer Big Toxicological Questions. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	2
4	Volatilomics Reveals Potential Biomarkers for Identification of Renal Cell Carcinoma: An In Vitro Approach. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	1
3	Cardiotoxicity of cyclophosphamide's metabolites: an in vitro metabolomics approach in AC16 human cardiomyocytes.. <i>Archives of Toxicology</i> , <b>2022</b> , 96, 653	5.8	0
2	Is hyperthermia the triggering factor for hepatotoxicity induced by Bath salts? An in vitro study using primary cultured rat hepatocytes. <i>Toxicology Letters</i> , <b>2015</b> , 238, S260	4.4	
1	Analysis of body differences for the design of children's clothing. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 459, 012073	0.4	