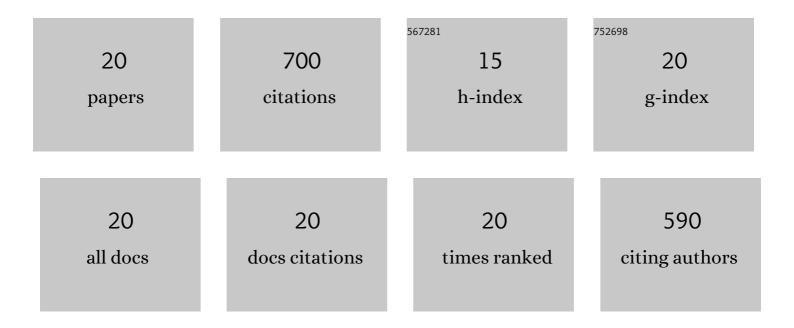
Xingxing Diao

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | New Synthetic Cannabinoids Metabolism and Strategies to Best Identify Optimal Marker Metabolites. Frontiers in Chemistry, 2019, 7, 109. | 3.6 | 95 |
| 2 | High-Resolution Mass Spectrometry for Characterizing the Metabolism of Synthetic Cannabinoid THJ-018 and Its 5-Fluoro Analog THJ-2201 after Incubation in Human Hepatocytes. Clinical Chemistry, 2016, 62, 157-169. | 3.2 | 65 |
| 3 | Metabolic profiling of new synthetic cannabinoids AMB and 5Fâ€AMB by human hepatocyte and liver microsome incubations and highâ€resolution mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 1067-1078. | 1.5 | 56 |
| 4 | In Vitro and In Vivo Human Metabolism of Synthetic Cannabinoids FDU-PB-22 and FUB-PB-22. AAPS Journal, 2016, 18, 455-464. | 4.4 | 50 |
| 5 | Distinguishing Intake of New Synthetic Cannabinoids ADB-PINACA and 5F-ADB-PINACA with Human Hepatocyte Metabolites and High-Resolution Mass Spectrometry. Clinical Chemistry, 2017, 63, 1008-1021. | 3.2 | 48 |
| 6 | 4-Methoxy-α-PVP: in silico prediction, metabolic stability, and metabolite identification by human hepatocyte incubation and high-resolution mass spectrometry. Forensic Toxicology, 2016, 34, 61-75. | 2.4 | 46 |
| 7 | <i>In vitro, in vivo</i> and <i>in silico</i> metabolic profiling of α-pyrrolidinopentiothiophenone, a novel thiophene stimulant. Bioanalysis, 2016, 8, 65-82. | 1.5 | 44 |
| 8 | 25Câ€NBOMe and 25Iâ€NBOMe metabolite studies in human hepatocytes, <i>in vivo</i> mouse and human urine with highâ€resolution mass spectrometry. Drug Testing and Analysis, 2017, 9, 680-698. | 2.6 | 43 |
| 9 | In Vitro Metabolite Profiling of ADB-FUBINACA, A New Synthetic Cannabinoid. Current Neuropharmacology, 2017, 15, 682-691. | 2.9 | 39 |
| 10 | Discovery of the First-in-Class Agonist-Based SOS1 PROTACs Effective in Human Cancer Cells Harboring Various KRAS Mutations. Journal of Medicinal Chemistry, 2022, 65, 3923-3942. | 6.4 | 36 |
| 11 | First metabolic profile of PV8, a novel synthetic cathinone, in human hepatocytes and urine by high-resolution mass spectrometry. Analytical and Bioanalytical Chemistry, 2016, 408, 4845-4856. | 3.7 | 34 |
| 12 | In vitro and in vivo human metabolism of a new synthetic cannabinoid NM-2201 (CBL-2201). Forensic Toxicology, 2017, 35, 20-32. | 2.4 | 31 |
| 13 | Identification of New Synthetic Cannabinoid ADB-CHMINACA (MAB-CHMINACA) Metabolites in Human Hepatocytes. AAPS Journal, 2017, 19, 568-577. | 4.4 | 25 |
| 14 | Strategies to distinguish new synthetic cannabinoid FUBIMINA (BIM-2201) intake from its isomer THJ-2201: metabolism of FUBIMINA in human hepatocytes. Forensic Toxicology, 2016, 34, 256-267. | 2.4 | 21 |
| 15 | Synthetic cannabinoid BB-22 (QUCHIC): Human hepatocytes metabolism with liquid chromatography-high resolution mass spectrometry detection. Journal of Pharmaceutical and Biomedical Analysis, 2018, 157, 27-35. | 2.8 | 21 |
| 16 | Human Hepatocyte Metabolism of Novel Synthetic Cannabinoids MN-18 and Its 5-Fluoro Analog 5F-MN-18. Clinical Chemistry, 2017, 63, 1753-1763. | 3.2 | 11 |
| 17 | Metabolism of the new synthetic cannabinoid EC-018 in human hepatocytes by high-resolution mass spectrometry. Forensic Toxicology, 2018, 36, 304-312. | 2.4 | 10 |
| 18 | Metabolite identification of iridin in rats by using UHPLC-MS/MS and pharmacokinetic study of its metabolite irigenin. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1181, 122914. | 2.3 | 9 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Pyrrolidinyl Synthetic Cathinones α-PHP and 4F-α-PVP Metabolite Profiling Using Human Hepatocyte Incubations. International Journal of Molecular Sciences, 2021, 22, 230. | 4.1 | 9 |
| 20 | In vitro metabolism of new synthetic cannabinoid SDB-006 in human hepatocytes by high-resolution mass spectrometry. Forensic Toxicology, 2017, 35, 252-262. | 2.4 | 7 |