

Andreas Brink

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

519
citations

687220

13
h-index

677027

22
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27
all docs

27
docs citations

27
times ranked

706
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Only Hyperuricemia with Crystalluria, but not Asymptomatic Hyperuricemia, Drives Progression of Chronic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2773-2792. | 3.0 | 66 |
| 2 | Structure-activity metabolism relationships in human AOX: Chemical insights from a large database of aza-aromatic and amide compounds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3178-E3187. | 3.3 | 51 |
| 3 | Tests for genotoxicity and mutagenicity of furan and its metabolite cis-2-butene-1,4-dial in L5178Y tk+/+ mouse lymphoma cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 657, 127-132. | 0.9 | 50 |
| 4 | Identification of GalNAc-Conjugated Antisense Oligonucleotide Metabolites Using an Untargeted and Generic Approach Based on High Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 6821-6826. | 3.2 | 44 |
| 5 | Simultaneous determination of O6-methyl-2-deoxyguanosine, 8-oxo-7,8-dihydro-2-deoxyguanosine, and 1,N6-etheno-2-deoxyadenosine in DNA using on-line sample preparation by HPLC column switching coupled to ESI-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 830, 255-261. | 1.2 | 43 |
| 6 | Software aided approaches to structure-based metabolite identification in drug discovery and development. <i>Drug Discovery Today: Technologies</i> , 2013, 10, e207-e217. | 4.0 | 30 |
| 7 | Post-acquisition analysis of untargeted accurate mass quadrupole time-of-flight MS data for multiple collision-induced neutral losses and fragment ions of glutathione conjugates. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2695-2703. | 0.7 | 30 |
| 8 | Minimizing the risk of chemically reactive metabolite formation of new drug candidates: implications for preclinical drug design. <i>Drug Discovery Today</i> , 2017, 22, 751-756. | 3.2 | 29 |
| 9 | Identification and Preclinical Development of a 2,5,6-Trisubstituted Fluorinated Pyridine Derivative as a Radioligand for the Positron Emission Tomography Imaging of Cannabinoid Type 2 Receptors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10287-10306. | 2.9 | 25 |
| 10 | Time-dependent effects of sodium arsenite on DNA breakage and apoptosis observed in the comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 603, 121-128. | 0.9 | 22 |
| 11 | Structure-Activity Relationship Studies of Pyridine-Based Ligands and Identification of a Fluorinated Derivative for Positron Emission Tomography Imaging of Cannabinoid Type 2 Receptors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 11165-11181. | 2.9 | 19 |
| 12 | Software-aided approach to investigate peptide structure and metabolic susceptibility of amide bonds in peptide drugs based on high resolution mass spectrometry. <i>PLoS ONE</i> , 2017, 12, e0186461. | 1.1 | 14 |
| 13 | Application of Imaging Techniques to Cases of Drug-Induced Crystal Nephropathy in Preclinical Studies. <i>Toxicological Sciences</i> , 2018, 163, 409-419. | 1.4 | 14 |
| 14 | Biological significance of DNA adducts investigated by simultaneous analysis of different endpoints of genotoxicity in L5178Y mouse lymphoma cells treated with methyl methanesulfonate. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 625, 94-101. | 0.4 | 13 |
| 15 | Biological significance of DNA adducts: Comparison of increments over background for various biomarkers of genotoxicity in L5178Y tk+/+ mouse lymphoma cells treated with hydrogen peroxide and cumene hydroperoxide. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 678, 123-128. | 0.9 | 11 |
| 16 | Genotoxicity Assessment of Drug Metabolites in the Context of MIST and Beyond. <i>Chemical Research in Toxicology</i> , 2020, 33, 10-19. | 1.7 | 11 |
| 17 | Software-aided cytochrome P450 reaction phenotyping and kinetic analysis in early drug discovery. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 301-310. | 0.7 | 10 |
| 18 | Qualification of impurities based on metabolite data. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 110, 104524. | 1.3 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Transgenic insect-resistant corn affects the fourth trophic level: effects of <i>Bacillus thuringiensis</i> -corn on the facultative hyperparasitoid <i>Tetrastichus howardi</i> . <i>Die Naturwissenschaften</i> , 2004, 91, 451-4. | 0.6 | 8 |
| 20 | Safety, Tissue Distribution, and Metabolism of LNA-Containing Antisense Oligonucleotides in Rats. <i>Toxicologic Pathology</i> , 2021, 49, 1174-1192. | 0.9 | 7 |
| 21 | Tritium labeling of antisense oligonucleotides via different conjugation agents. <i>AAPS Open</i> , 2021, 7, . | 0.4 | 3 |
| 22 | Studying the Biotransformation of Phosphorothioate-Containing Oligonucleotide Drugs by LC-MS. <i>Methods in Molecular Biology</i> , 2019, 2036, 307-315. | 0.4 | 2 |
| 23 | Drug-induced Obstructive and Retrograde Nephropathy Associated with μ 2u-globulin in Male Rats. <i>Toxicologic Pathology</i> , 2019, 47, 138-149. | 0.9 | 2 |
| 24 | Enhancing Throughput of Glutathione Adduct Formation Studies and Structural Identification Using a Software-Assisted Workflow Based on High-Resolution Mass Spectrometry (HRMS) Data. <i>SM Analytical and Bioanalytical Techniques</i> , 2016, 1, 1-12. | 0.2 | 2 |
| 25 | Metabolites in safety testing (MIST)., 2020, , 419-438. | | 1 |
| 26 | Investigating discovery strategies and pharmacological properties of stereodefined phosphorodithioate LNA gapmers. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 29, 176-188. | 2.3 | 0 |