

Christelle Machon

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

416
citations

758635

12
h-index

794141

19
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29
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29
docs citations

29
times ranked

820
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Simultaneous quantification of 19 nonsteroidal anti-inflammatory drugs in oral fluid by liquid chromatography-high resolution mass spectrometry: Application on ultratrail runner's oral fluid. <i>Drug Testing and Analysis</i> , 2022, , . | 1.6 | 3 |
| 2 | Alteration of ribosome function upon 5-fluorouracil treatment favors cancer cell drug-tolerance. <i>Nature Communications</i> , 2022, 13, 173. | 5.8 | 23 |
| 3 | The hexosamine pathway and coat complex II promote malignant adaptation to nutrient scarcity. <i>Life Science Alliance</i> , 2022, 5, e202101334. | 1.3 | 3 |
| 4 | Study of intracellular anabolism of 5-fluorouracil and incorporation in nucleic acids based on an LC-HRMS method. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 77-87. | 2.4 | 16 |
| 5 | Quantification of nivolumab in human plasma by LC-MS/HRMS and LC-MS/MS, comparison with ELISA. <i>Talanta</i> , 2021, 224, 121889. | 2.9 | 18 |
| 6 | Enhanced migration of breast and lung cancer cells deficient for cN-II and CD73 via COX-2/PGE2/AKT axis regulation. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 151-165. | 2.1 | 5 |
| 7 | Deciphering the Role of Intestinal Crypt Cell Populations in Resistance to Chemotherapy. <i>Cancer Research</i> , 2021, 81, 2730-2744. | 0.4 | 4 |
| 8 | Development, Validation, and Comparison of Two Mass Spectrometry Methods (LC-MS/HRMS and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 1.7 | 10 |
| 9 | Analysis of Pembrolizumab in Human Plasma by LC-MS/HRMS. Method Validation and Comparison with Elisa. <i>Biomedicines</i> , 2021, 9, 621. | 1.4 | 6 |
| 10 | A novel view on an old drug, 5-fluorouracil: an unexpected RNA modifier with intriguing impact on cancer cell fate. <i>NAR Cancer</i> , 2021, 3, zcab032. | 1.6 | 22 |
| 11 | The mitochondrially-localized nucleoside diphosphate kinase D (NME4) is a novel metastasis suppressor. <i>BMC Biology</i> , 2021, 19, 228. | 1.7 | 21 |
| 12 | A decrease in NAMPT activity impairs basal PARP-1 activity in cytidine deaminase deficient-cells, independently of NAD+. <i>Scientific Reports</i> , 2020, 10, 13907. | 1.6 | 4 |
| 13 | The interest of oral calcium loads test in the diagnosis and management of pediatric nephrolithiasis with hypercalciuria: Experience from a tertiary pediatric centre. <i>Journal of Pediatric Urology</i> , 2020, 16, 489.e1-489.e9. | 0.6 | 4 |
| 14 | Structure-activity relationship study: Mechanism of cyto-genotoxicity of Nitroprazole-derived high energy density materials family. <i>Toxicology and Applied Pharmacology</i> , 2019, 381, 114712. | 1.3 | 0 |
| 15 | Methotrexate Restores CD73 Expression on Th1.17 in Rheumatoid Arthritis and Psoriatic Arthritis Patients and May Contribute to its Anti-Inflammatory Effect through Ado Production. <i>Journal of Clinical Medicine</i> , 2019, 8, 1859. | 1.0 | 4 |
| 16 | Autocrine Adenosine Regulates Tumor Polyfunctional CD73+CD4+ Effector T Cells Devoid of Immune Checkpoints. <i>Cancer Research</i> , 2018, 78, 3604-3618. | 0.4 | 53 |
| 17 | Metabolomics and cytotoxicity of monomethylhydrazine (MMH) and (E)-1,1,4,4-tetramethyl-2-tetrazene (TMTZ), two liquid propellants. <i>Toxicology in Vitro</i> , 2018, 52, 70-86. | 1.1 | 4 |
| 18 | A role for Tau protein in maintaining ribosomal DNA stability and cytidine deaminase-deficient cell survival. <i>Nature Communications</i> , 2017, 8, 693. | 5.8 | 37 |

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|----|--|-----|-----------|
| 19 | Slow Replication Fork Velocity of Homologous Recombination-Defective Cells Results from Endogenous Oxidative Stress. <i>PLoS Genetics</i> , 2016, 12, e1006007. | 1.5 | 38 |
| 20 | Stably transfected adherent cancer cell models with decreased expression of 5â€²-nucleotidase cN-II. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2016, 35, 604-612. | 0.4 | 7 |
| 21 | Use of designed experiments for the improvement of pre-analytical workflow for the quantification of intracellular nucleotides in cultured cell lines. <i>Journal of Chromatography A</i> , 2015, 1405, 116-125. | 1.8 | 2 |
| 22 | Singlet Oxygen-Mediated Oxidation during UVA Radiation Alters the Dynamic of Genomic DNA Replication. <i>PLoS ONE</i> , 2015, 10, e0140645. | 1.1 | 29 |
| 23 | Quantification of <i>l</i> -lysine, an inhibitor of lysyl oxidase activity, in plasma and tumor of mice by liquid chromatography tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2014, 28, 1017-1023. | 0.8 | 8 |
| 24 | Fully validated assay for the quantification of endogenous nucleoside mono- and triphosphates using online extraction coupled with liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2925-2941. | 1.9 | 32 |
| 25 | Immunonutrition before and during radiochemotherapy: improvement of inflammatory parameters in head and neck cancer patients. <i>Supportive Care in Cancer</i> , 2012, 20, 3129-3135. | 1.0 | 31 |
| 26 | Analytical investigation of salivary calculi, by mid-infrared spectroscopy. <i>Analyst, The</i> , 2012, 137, 2095. | 1.7 | 28 |
| 27 | DÃ©couverte fortuite dâ€™une intoxication aiguÃ©e par vÃ©rapamil forme Ã© libÃ©ration prolongÃ©e: intÃ©rÃ©t du criblage toxicologique. <i>Toxicologie Analytique Et Clinique</i> , 2012, 24, 97-102. | 0.1 | 2 |