

# 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  
g-index

29  
all docs

29  
docs citations

29  
times ranked

820  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Slow Replication Fork Velocity of Homologous Recombination-Defective Cells Results from Endogenous Oxidative Stress. <i>PLoS Genetics</i> , 2016, 12, e1006007.	1.5	38
3	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
4	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
5	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
6	Singlet Oxygen-Mediated Oxidation during UVA Radiation Alters the Dynamic of Genomic DNA Replication. <i>PLoS ONE</i> , 2015, 10, e0140645.	1.1	29
7	Analytical investigation of salivary calculi, by mid-infrared spectroscopy. <i>Analyst, The</i> , 2012, 137, 2095.	1.7	28
8	Alteration of ribosome function upon 5-fluorouracil treatment favors cancer cell drug-tolerance. <i>Nature Communications</i> , 2022, 13, 173.	5.8	23
9	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
10	The mitochondrially-localized nucleoside diphosphate kinase D (NME4) is a novel metastasis suppressor. <i>BMC Biology</i> , 2021, 19, 228.	1.7	21
11	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
12	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
13	Development, Validation, and Comparison of Two Mass Spectrometry Methods (LC-MS/HRMS and) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	10
14	Quantification of <i>l</i> -lysine-aminopropionitrile, 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
15	Stably transfected adherent cancer cell models with decreased expression of 5'-nucleotidase cN-II. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2016, 35, 604-612.	0.4	7
16	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
17	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
18	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

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19	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. Journal of Clinical Medicine, 2019, 8, 1859.	1.0	4
20	A decrease in NAMPT activity impairs basal PARP-1 activity in cytidine deaminase deficient-cells, independently of NAD+. Scientific Reports, 2020, 10, 13907.	1.6	4
21	The interest of oral calcium loads test in the diagnosis and management of pediatric nephrolithiasis with hypercalciuria: Experience from a tertiary pediatric centre. Journal of Pediatric Urology, 2020, 16, 489.e1-489.e9.	0.6	4
22	Deciphering the Role of Intestinal Crypt Cell Populations in Resistance to Chemotherapy. Cancer Research, 2021, 81, 2730-2744.	0.4	4
23	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. Drug Testing and Analysis, 2022, , .	1.6	3
24	The hexosamine pathway and coat complex II promote malignant adaptation to nutrient scarcity. Life Science Alliance, 2022, 5, e202101334.	1.3	3
25	Use of designed experiments for the improvement of pre-analytical workflow for the quantification of intracellular nucleotides in cultured cell lines. Journal of Chromatography A, 2015, 1405, 116-125.	1.8	2
26	D�couverte fortuite d�une intoxication aigu� par v�rapamil forme � lib�ration prolong�e: int�r�t du criblage toxicologique. Toxicologie Analytique Et Clinique, 2012, 24, 97-102.	0.1	2
27	Structure-activity relationship study: Mechanism of cyto-genotoxicity of Nitroprazole-derived high energy density materials family. Toxicology and Applied Pharmacology, 2019, 381, 114712.	1.3	0