

# François Chevalier

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

2,064  
citations

236925

25  
h-index

243625

44  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radioresistance of Non-Small Cell Lung Cancers and Therapeutic Perspectives. <i>Cancers</i> , 2022, 14, 2829.	3.7	13
2	A Proteomic Study Suggests Stress Granules as New Potential Actors in Radiation-Induced Bystander Effects. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7957.	4.1	5
3	Avoidance or adaptation of radiotherapy in patients with cancer with Li-Fraumeni and heritable TP53-related cancer syndromes. <i>Lancet Oncology</i> , The, 2021, 22, e562-e574.	10.7	22
4	Hadrontherapy Interactions in Molecular and Cellular Biology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 133.	4.1	16
5	A multimodal treatment of carbon ions irradiation, miRNA-34 and mTOR inhibitor specifically control high-grade chondrosarcoma cancer stem cells. <i>Radiotherapy and Oncology</i> , 2020, 150, 253-261.	0.6	15
6	Counteracting Radio-Resistance Using the Optimization of Radiotherapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1767.	4.1	4
7	Sensitization of chondrosarcoma cells with PARP inhibitor and high-LET radiation. <i>Journal of Bone Oncology</i> , 2019, 17, 100246.	2.4	17
8	Bystander effectors of chondrosarcoma cells irradiated at different LET impair proliferation of chondrocytes. <i>Journal of Cell Communication and Signaling</i> , 2019, 13, 343-356.	3.4	12
9	High LET Radiation Overcomes In Vitro Resistance to X-Rays of Chondrosarcoma Cell Lines. <i>Technology in Cancer Research and Treatment</i> , 2019, 18, 153303381987130.	1.9	8
10	Radiosensitization Effect of Talazoparib, a Parp Inhibitor, on Glioblastoma Stem Cells Exposed to Low and High Linear Energy Transfer Radiation. <i>Scientific Reports</i> , 2018, 8, 3664.	3.3	68
11	Combining PARP inhibition, radiation, and immunotherapy: A possible strategy to improve the treatment of cancer?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3793.	4.1	54
12	Review of the Mechanisms Involved in the Abscopal Effect and Future Directions with a Focus on Thymic Carcinoma. <i>Tumori</i> , 2017, 103, 217-222.	1.1	9
13	Poly-(ADP-ribose)-polymerase inhibitors as radiosensitizers: a systematic review of pre-clinical and clinical human studies. <i>Oncotarget</i> , 2017, 8, 69105-69124.	1.8	101
14	Translational research in radiobiology in the framework of France HADRON national collaboration. <i>Translational Cancer Research</i> , 2017, 6, S795-S806.	1.0	1
15	A threshold of endogenous stress is required to engage cellular response to protect against mutagenesis. <i>Scientific Reports</i> , 2016, 6, 29412.	3.3	5
16	Dosimetry for radiobiology experiments at GANIL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 816, 70-77.	1.6	17
17	Comparable Senescence Induction in Three-dimensional Human Cartilage Model by Exposure to Therapeutic Doses of X-rays or $\alpha$ -ions. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 139-146.	0.8	11
18	Impact of Therapeutic Irradiation on Healthy Articular Cartilage. <i>Radiation Research</i> , 2015, 183, 135-146.	1.5	16

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19	In vitro engineering of human 3D chondrosarcoma: a preclinical model relevant for investigations of radiation quality impact. BMC Cancer, 2015, 15, 579.	2.6	34
20	Proteomic overview and perspectives of the radiation-induced bystander effects. Mutation Research - Reviews in Mutation Research, 2015, 763, 280-293.	5.5	19
21	Proteomic Comparison of Equine and Bovine Milks on Renneting. Journal of Agricultural and Food Chemistry, 2013, 61, 2839-2850.	5.2	17
22	Effect of high-pressure treatment of milk for cheese manufacture on proteolysis, lipolysis, texture and functionality of Cheddar cheese during ripening. Innovative Food Science and Emerging Technologies, 2012, 13, 23-30.	5.6	42
23	Impairing the microRNA biogenesis pathway induces proteome modifications characterized by size bias and enrichment in antioxidant proteins. Proteomics, 2012, 12, 2295-2302.	2.2	4
24	Technical updates to basic proteins focalization using IPG strips. Proteome Science, 2012, 10, 54.	1.7	13
25	Accumulation of cyclophilin A isoforms in conditioned medium of irradiated breast cancer cells. Proteomics, 2012, 12, 1756-1766.	2.2	24
26	Proteomic analysis of Arabidopsis thaliana ecotypes with contrasted root architecture in response to phosphate deficiency. Journal of Plant Physiology, 2011, 168, 1885-1890.	3.5	37
27	Analytical Methods   Electrophoresis. , 2011, , 185-192.		3
28	Analytical Methods   Mass Spectrometric Methods. , 2011, , 198-205.		3
29	Milk Proteins   Proteomics. , 2011, , 843-847.		3
30	Bcl-2 Inhibits Nuclear Homologous Recombination by Localizing BRCA1 to the Endomembranes. Cancer Research, 2011, 71, 3590-3602.	0.9	38
31	Highlights on the capacities of "Gel-based" proteomics. Proteome Science, 2010, 8, 23.	1.7	143
32	Standard Dyes for Total Protein Staining in Gel-Based Proteomic Analysis. Materials, 2010, 3, 4784-4792.	2.9	31
33	Proteomic Quantification of Disulfide-Linked Polymers in Raw and Heated Bovine Milk. Journal of Agricultural and Food Chemistry, 2010, 58, 7437-7444.	5.2	39
34	Proteins and proteolysis in pre-term and term human milk and possible implications for infant formulae. International Dairy Journal, 2010, 20, 715-723.	3.0	56
35	Effect of high-pressure treatment on microbiology, proteolysis, lipolysis and levels of flavour compounds in mature blue-veined cheese. Innovative Food Science and Emerging Technologies, 2010, 11, 68-77.	5.6	56
36	Effect of high-pressure homogenisation on rheological properties of rennet-induced skim milk and standardised milk gels. Journal of Dairy Research, 2009, 76, 294-300.	1.4	25

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37	Use of Reducing/Nonreducing Two-Dimensional Electrophoresis for the Study of Disulfide-Mediated Interactions between Proteins in Raw and Heated Bovine Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 5948-5955.	5.2	54
38	Visible and Fluorescent Staining of Two-Dimensional Gels. , 2007, 355, 145-156.		16
39	Proteomic Studies of Saliva: A Proposal for a Standardized Handling of Clinical Samples. <i>Clinical Proteomics</i> , 2007, 3, 13-21.	2.1	23
40	Different Impact of Staining Procedures Using Visible Stains and Fluorescent Dyes for Large-Scale Investigation of Proteomes by MALDI-TOF Mass Spectrometry. <i>Journal of Proteome Research</i> , 2006, 5, 512-520.	3.7	35
41	Salivary protein profiling in type I diabetes using two-dimensional electrophoresis and mass spectrometry. <i>Clinical Proteomics</i> , 2006, 2, 117-127.	2.1	18
42	Complexity of the human whole saliva proteome. <i>Journal of Physiology and Biochemistry</i> , 2005, 61, 469-480.	3.0	48
43	MS characterization of multiple forms of alpha-amylase in human saliva. <i>Proteomics</i> , 2005, 5, 4597-4607.	2.2	70
44	Proteomic investigation of natural variation between <i>Arabidopsis</i> ecotypes. <i>Proteomics</i> , 2004, 4, 1372-1381.	2.2	92
45	Proteomic capacity of recent fluorescent dyes for protein staining. <i>Phytochemistry</i> , 2004, 65, 1499-1506.	2.9	86
46	Effects of phosphate availability on the root system architecture: large-scale analysis of the natural variation between <i>Arabidopsis</i> accessions. <i>Plant, Cell and Environment</i> , 2003, 26, 1839-1850.	5.7	107
47	Maillard glycation of $\beta$ -lactoglobulin induces conformation changes. <i>Molecular Nutrition and Food Research</i> , 2002, 46, 58-63.	0.0	83
48	Improvement of functional properties of $\beta$ -lactoglobulin glycated through the Maillard reaction is related to the nature of the sugar. <i>International Dairy Journal</i> , 2001, 11, 145-152.	3.0	231
49	Scavenging of Free Radicals, Antimicrobial, and Cytotoxic Activities of the Maillard Reaction Products of $\beta$ -Lactoglobulin Glycated with Several Sugars. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 5031-5038.	5.2	113
50	CHARACTERIZATION OF THE MAILLARD REACTION PRODUCTS OF $\beta$ -LACTOGLOBULIN GLUCOSYLATED IN MILD CONDITIONS. <i>Journal of Food Biochemistry</i> , 2001, 25, 33-55.	2.9	46
51	Maillard glycation of $\beta$ -lactoglobulin with several sugars: comparative study of the properties of the obtained polymers and of the substituted sites. <i>Dairy Science and Technology</i> , 2001, 81, 651-666.	0.9	61
52	Direct and bystander effects of human chondrosarcoma cell line irradiated with protons. , 0, , .		0