

# Guillaume Vares

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

962  
citations

623734

14  
h-index

454955

30  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of homologous recombination induced by replication inhibition in mammalian cells. <i>EMBO Journal</i> , 2001, 20, 3861-3870.	7.8	278
2	ROS Stress Resets Circadian Clocks to Coordinate Pro-Survival Signals. <i>PLoS ONE</i> , 2013, 8, e82006.	2.5	84
3	Combination of carbon ion beam and gemcitabine causes irreparable DNA damage and death of radioresistant pancreatic cancer stem-like cells <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2015, 6, 5517-5535.	1.8	48
4	In vivo radioadaptive response. <i>Human and Experimental Toxicology</i> , 2015, 34, 272-283.	2.2	47
5	Does ionizing radiation influence Alzheimer's disease risk?. <i>Journal of Radiation Research</i> , 2012, 53, 815-822.	1.6	45
6	ROS Production and Distribution: A New Paradigm to Explain the Differential Effects of X-ray and Carbon Ion Irradiation on Cancer Stem Cell Migration and Invasion. <i>Cancers</i> , 2019, 11, 468.	3.7	37
7	Diet-Induced Obesity Modulates Epigenetic Responses to Ionizing Radiation in Mice. <i>PLoS ONE</i> , 2014, 9, e106277.	2.5	36
8	Carbon ion beam combined with cisplatin effectively disrupts triple negative breast cancer stem-like cells <i>in vitro</i> . <i>Molecular Cancer</i> , 2015, 14, 166.	19.2	34
9	Progesterone generates cancer stem cells through membrane progesterone receptor-triggered signaling in basal-like human mammary cells. <i>Cancer Letters</i> , 2015, 362, 167-173.	7.2	31
10	Functionalized mesoporous silica nanoparticles for innovative boron-neutron capture therapy of resistant cancers. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 27, 102195.	3.3	30
11	Progesterone prevents radiation-induced apoptosis in breast cancer cells. <i>Oncogene</i> , 2004, 23, 4603-4613.	5.9	27
12	Generation of Breast Cancer Stem Cells by Steroid Hormones in Irradiated Human Mammary Cell Lines. <i>PLoS ONE</i> , 2013, 8, e77124.	2.5	25
13	Mutagenic adaptive response to high-LET radiation in human lymphoblastoid cells exposed to X-rays. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 706, 46-52.	1.0	17
14	Mutagenic adaptive response to high-LET radiation in human lymphoblastoid cells exposed to low doses of heavy-ion radiation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 712, 49-54.	1.0	16
15	Effects of carbon ion beam alone or in combination with cisplatin on malignant mesothelioma cells <i>in vitro</i> . <i>Oncotarget</i> , 2018, 9, 14849-14861.	1.8	16
16	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
17	X-Ray-Induced Radioresistance against High-LET Radiations from Accelerated Heavy Ions in Mice. <i>Radiation Research</i> , 2010, 174, 532-536.	1.5	13
18	Relieved residual damage in the hematopoietic system of mice rescued by radiation-induced adaptive response (Yonezawa Effect). <i>Journal of Radiation Research</i> , 2013, 54, 45-51.	1.6	13

#	ARTICLE	IF	CITATIONS
19	Adaptive response in embryogenesis: VI. Comparative microarray analysis of gene expressions in mouse fetuses. <i>International Journal of Radiation Biology</i> , 2009, 85, 70-86.	1.8	12
20	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
21	Chronic Intake of Japanese Sake Mediates Radiation-Induced Metabolic Alterations in Mouse Liver. <i>PLoS ONE</i> , 2016, 11, e0146730.	2.5	11
22	Synergistic Autophagy Effect of miR-212-3p in Zoledronic Acid-Treated In Vitro and Orthotopic In Vivo Models and in Patient-Derived Osteosarcoma Cells. <i>Cancers</i> , 2019, 11, 1812.	3.7	10
23	Carbon-Ion Beam Irradiation Alone or in Combination with Zoledronic acid Effectively Kills Osteosarcoma Cells. <i>Cancers</i> , 2020, 12, 698.	3.7	10
24	Transcription Factor-recognition Sequences Potentially Involved in Modulation of Gene Expression after Exposure to Low-dose-rate $\beta$ -rays in the Mouse Liver. <i>Journal of Radiation Research</i> , 2011, 52, 249-256.	1.6	9
25	Effects of chronic restraint-induced stress on radiation-induced chromosomal aberrations in mouse splenocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 813, 18-26.	1.7	8
26	Increased Hematopoietic Stem Cells/Hematopoietic Progenitor Cells Measured as Endogenous Spleen Colonies in Radiation-Induced Adaptive Response in Mice (Yonezawa Effect). <i>Dose-Response</i> , 2018, 16, 155932581879015.	1.6	8
27	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
28	Adaptive Response of Low Linear Energy Transfer X-rays for Protection Against High Linear Energy Transfer Accelerated Heavy Ion-Induced Teratogenesis. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2012, 95, 379-385.	1.4	7
29	Chronic restraint-induced stress has little modifying effect on radiation hematopoietic toxicity in mice. <i>Journal of Radiation Research</i> , 2015, 56, 760-767.	1.6	7
30	Synergistic Effects of Chronic Restraint-Induced Stress and Low-Dose $^{56}\text{Fe}$ -particle Irradiation on Induction of Chromosomal Aberrations in Trp53-Heterozygous Mice. <i>Radiation Research</i> , 2021, 196, 100-112.	1.5	7
31	Carbon-Ion Beam Irradiation and the miR-200c Mimic Effectively Eradicate Pancreatic Cancer Stem Cells Under in vitro and in vivo Conditions. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 4749-4760.	2.0	6
32	Gene Silencing of Tead3 Abrogates Radiation-induced Adaptive Response in Cultured Mouse Limb Bud Cells. <i>Journal of Radiation Research</i> , 2011, 52, 39-46.	1.6	4
33	Trp53 Activity Is Repressed in Radio-adapted Cultured Murine Limb Bud Cells. <i>Journal of Radiation Research</i> , 2011, 52, 727-734.	1.6	4
34	Altered Response to Total Body Irradiation of C57BL/6-Tg (CAG-EGFP) Mice. <i>Dose-Response</i> , 2020, 18, 155932582095133.	1.6	4
35	Reduced High-Dose Radiation-Induced Residual Genotoxic Damage by Induction of Radioadaptive Response and Prophylactic Mild Dietary Restriction in Mice. <i>Dose-Response</i> , 2021, 19, 155932582098216.	1.6	4
36	Diallyl Disulfide Mitigates DNA Damage and Spleen Tissue Effects After Irradiation. <i>Medical Science Monitor</i> , 2019, 25, 8920-8927.	1.1	4

#	ARTICLE	IF	CITATIONS
37	Combination of carbon-ion beam and dual tyrosine kinase inhibitor, lapatinib, effectively destroys HER2 positive breast cancer stem-like cells. American Journal of Cancer Research, 2020, 10, 2371-2386.	1.4	4
38	Molecular mechanisms underlying the enhancement of carbon ion beam radiosensitivity of osteosarcoma cells by miR-29b. American Journal of Cancer Research, 2020, 10, 4357-4371.	1.4	3
39	X-Ray-Induced Radioresistance Against High-LET Radiations from Accelerated Neon-Ion Beams in Mice. , 0, , .		2
40	Abstract 2246: Progesterone generates cancer stem cells through membrane progesterone receptor-triggered signaling in basal-like human mammary cells. Cancer Research, 2015, 75, 2246-2246.	0.9	2
41	Molecular Mechanisms of Radioadaptive Responses in Human Lymphoblastoid Cells. Radioisotopes, 2008, 57, 99-110.	0.2	1
42	Modulation of Gene Expression After Exposure to Ionizing Radiation. , 0, , .		1
43	EP-2281: Role of HIF-1 $\alpha$ in the migration/invasion processes in response to photon and C-ion irradiations. Radiotherapy and Oncology, 2018, 127, S1259-S1260.	0.6	0
44	Radioadaptive Response as One of the Specific Effects Induced by Low-dose Irradiations. Atomos, 2011, 53, 96-101.	0.0	0
45	Abstract 3856: Progesterone generates breast cancer stem cells through nuclear receptor-independent mechanisms in irradiated human mammary cell lines. , 2014, , .		0
46	Abstract 3870: Effects of carbon ion beam, alone or in combination with cisplatin, on triple-negative breast cancer stem-like cells. , 2014, , .		0
47	Abstract 3907: Targeting cancer stem cells with microRNA therapeutics and particle radiation in challenging cancer models. , 2017, , .		0
48	Enhanced Effects of Chronic Restraint-Induced Psychological Stress on Total Body Fe-Irradiation-Induced Hematopoietic Toxicity in Trp53-Heterozygous Mice. Life, 2022, 12, 565.	2.4	0