Jean A Laissue

List of Publications by Year
in descending order

68 papers	4,304 citations	136740 32 h-index	138251 58 g-index
72 all docs	72 docs citations	72 times ranked	3293 citing authors

#	Article	IF	Citations
1	Elke BrÃuer-Krisch: dedication, creativity and generosity: May 17, 1961â€“September 10, 2018. International Journal of Radiation Biology, 2022, 98, 280-287.	1.0	1
2	FLASH radiotherapy with photon beams. Medical Physics, 2022, 49, 2055-2067.	1.6	28
3	Unexpected Benefits of Multiport Synchrotron Microbeam Radiation Therapy for Brain Tumors. Cancers, 2021, 13, 936.	1.7	21
4	Transient and Efficient Vascular Permeability Window for Adjuvant Drug Delivery Triggered by Microbeam Radiation. Cancers, 2021, 13, 2103.	1.7	9
5	Synchrotron Microbeam Radiation Therapy for the Treatment of Lung Carcinoma: A Preclinical Study. International Journal of Radiation Oncology Biology Physics, 2021, 111, 1276-1288.	0.4	14
6	Complete Remission of Mouse Melanoma after Temporally Fractionated Microbeam Radiotherapy. Cancers, 2020, 12, 2656.	1.7	20
7	Animal Models in Microbeam Radiation Therapy: A Scoping Review. Cancers, 2020, 12, 527.	1.7	24
8	Synchrotron X-Ray Boost Delivered by Microbeam Radiation Therapy After Conventional X-Ray Therapy Fractionated in Time Improves F98 Glioma Control. International Journal of Radiation Oncology Biology Physics, 2020, 107, 360-369.	0.4	16
9	Ultra high dose rate Synchrotron Microbeam Radiation Therapy. Preclinical evidence in view of a clinical transfer. Radiotherapy and Oncology, 2019, 139, 56-61.	0.3	39
10	Synchrotron Microbeam Radiation Therapy as a New Approach for the Treatment of Radioresistant Melanoma: Potential Underlying Mechanisms. International Journal of Radiation Oncology Biology Physics, 2019, 105, 1126-1136.	0.4	36
11	Locomotion and eating behavior changes in Yucatan minipigs after unilateral radio-induced ablation of the caudate nucleus. Scientific Reports, 2019, 9, 17082.	1.6	9
12	Homogenous and Microbeam X-Ray Radiation Induces Proteomic Changes in the Brains of Irradiated Rats and in the Brains of Nonirradiated Cage Mate Rats. Dose-Response, 2018, 16, 155932581775006.	0.7	11
13	Characterization of a B16-F10 melanoma model locally implanted into the ear pinnae of C57BL/6 mice. PLoS ONE, 2018, 13, e0206693.	1.1	37
14	Effects of Synchrotron X-Ray Micro-beam Irradiation on Normal Mouse Ear Pinnae. International Journal of Radiation Oncology Biology Physics, 2018, 101, 680-689.	0.4	18
15	Permeability of Brain Tumor Vessels Induced by Uniform or Spatially Microfractionated Synchrotron Radiation Therapies. International Journal of Radiation Oncology Biology Physics, 2017, 98, 1174-1182.	0.4	41
16	Microbeam radiation therapy â€" grid therapy and beyond: a clinical perspective. British Journal of Radiology, 2017, 90, 20170073.	1.0	65
17	Î³-H2AX as a Marker for Dose Deposition in the Brain of Wistar Rats after Synchrotron Microbeam Radiation. PLoS ONE, 2015, 10, e0119924.	1.1	33
18	Use of synchrotron medical microbeam irradiation to investigate radiation-induced bystander and abscopal effects inÂvivo. Physica Medica, 2015, 31, 584-595.	0.4	33

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19	Effects of microbeam radiation therapy on normal and tumoral blood vessels. Physica Medica, 2015, 31, 634-641.	0.4	79
20	Synchrotron X Ray Induced Axonal Transections in the Brain of Rats Assessed by High-Field Diffusion Tensor Imaging Tractography. PLoS ONE, 2014, 9, e88244.	1.1	9
21	Transmission of Signals from Rats Receiving High Doses of Microbeam Radiation to Cage Mates: An Inter-Mammal Bystander Effect. Dose-Response, 2014, 12, dose-response.1.	0.7	28
22	Characterization of the 9L gliosarcoma implanted in the Fischer rat: an orthotopic model for a grade IV brain tumor. Tumor Biology, 2014, 35, 6221-6233.	0.8	36
23	Synchrotron microbeam radiation therapy induces hypoxia in intracerebral gliosarcoma but not in the normal brain. Radiotherapy and Oncology, 2013, 108, 143-148.	0.3	78
24	Response of the rat spinal cord to X-ray microbeams. Radiotherapy and Oncology, 2013, 106, 106-111.	0.3	51
25	Bystander effects in tumor-free and tumor-bearing rat brains following irradiation by synchrotron X-rays. International Journal of Radiation Biology, 2013, 89, 445-453.	1.0	40
26	Chalcone JAI-51 improves efficacy of synchrotron microbeam radiation therapy of brain tumors. Journal of Synchrotron Radiation, 2012, 19, 478-482.	1.0	26
27	A misprint in a description of microbeam irradiations of ratsâ€™ heads. Veterinary Ophthalmology, 2012, 15, 210-211.	0.6	3
28	Tolerance of Arteries to Microplanar X-Ray Beams. International Journal of Radiation Oncology Biology Physics, 2010, 77, 1545-1552.	0.4	41
29	Preferential Effect of Synchrotron Microbeam Radiation Therapy on Intracerebral 9L Gliosarcoma Vascular Networks. International Journal of Radiation Oncology Biology Physics, 2010, 78, 1503-1512.	0.4	149
30	High-Precision Radiosurgical Dose Delivery by Interlaced Microbeam Arrays of High-Flux Low-Energy Synchrotron X-Rays. PLoS ONE, 2010, 5, e9028.	1.1	79
31	Synchrotron microbeam radiation therapy for rat brain tumor palliationâ€”influence of the microbeam width at constant valley dose. Physics in Medicine and Biology, 2009, 54, 6711-6724.	1.6	100
32	Memory and survival after microbeam radiation therapy. European Journal of Radiology, 2008, 68, S142-S146.	1.2	58
33	Characterization and quantification of cerebral edema induced by synchrotron x-ray microbeam radiation therapy. Physics in Medicine and Biology, 2008, 53, 1153-1166.	1.6	87
34	Irradiation of intracerebral 9L gliosarcoma by a single array of microplanar x-ray beams from a synchrotron: balance between curing and sparing. Physics in Medicine and Biology, 2008, 53, 861-878.	1.6	97
35	Brain tumor vessel response to synchrotron microbeam radiation therapy: a short-termin vivostudy. Physics in Medicine and Biology, 2008, 53, 3609-3622.	1.6	72
36	In vivo two-photon microscopy study of short-term effects of microbeam irradiation on normal mouse brain microvasculature. International Journal of Radiation Oncology Biology Physics, 2006, 64, 1519-1527.	0.4	147

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37	Somatostatin receptor sst1â€“sst5 expression in normal and neoplastic human tissues using receptor autoradiography with subtype-selective ligands. European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 836-846.	2.2	564
38	CC chemokines and the receptors CCR3 and CCR5 are differentially expressed in the nonneoplastic leukocytic infiltrates of Hodgkin disease. Blood, 2001, 97, 1543-1548.	0.6	54
39	<title>Weanling piglet cerebellum: a surrogate for tolerance to MRT (microbeam radiation therapy) in pediatric neuro-oncology</title>. , 2001, , .		122
40	MMP-19: cellular localization of a novel metalloproteinase within normal breast tissue and mammary gland tumours. Journal of Pathology, 2001, 195, 147-155.	2.1	66
41	Human papillomavirus positive squamous cell carcinoma of the oropharynx. Cancer, 2001, 92, 805-813.	2.0	422
42	Involvement of the hepatocyte growth factor/scatter factor receptor c-met and of Bcl-xL in the resistance of oropharyngeal cancer to ionizing radiation. International Journal of Cancer, 2001, 96, 41-54.	2.3	82
43	Human papillomavirus positive squamous cell carcinoma of the oropharynx. , 2001, 92, 805.		2
44	Expression of the ALK protein by anaplastic large-cell lymphomas correlates with high proliferative activity. , 2000, 86, 777-781.		10
45	Death receptor-mediated suicide: a novel target of autoimmune disease treatment. Expert Opinion on Investigational Drugs, 1999, 8, 1359-1372.	1.9	1
46	Microbeam radiation therapy. , 1999, , .		73
47	Receptor autoradiographic evaluation of cholecystokinin, neurotensin, somatostatin and vasoactive intestinal peptide receptors in gastro-intestinal adenocarcinoma samples: Where are they really located?. , 1999, 81, 376-386.		59
48	Neurotensin receptors in human neoplasms: High incidence in Ewing's sarcomas. , 1999, 82, 213-218.		86
49	Expression of p34cdc2 and cyclins A and B compared to other proliferative features of non-Hodgkin's lymphomas: A multivariate cluster analysis. , 1999, 83, 203-209.		14
50	Receptor autoradiographic evaluation of cholecystokinin, neurotensin, somatostatin and vasoactive intestinal peptide receptors in gastroâ€intestinal adenocarcinoma samples: Where are they really located?. International Journal of Cancer, 1999, 81, 376-386.	2.3	2
51	Cellular kinetic differences between Hodgkin's and anaplastic large cell lymphomas: Relation to the expression of p34cdc2 and cyclin B-1. , 1998, 77, 408-414.		12
52	Neuropathology of ablation of rat gliosarcomas and contiguous brain tissues using a microplanar beam of synchrotron-wiggler-generated X rays. International Journal of Cancer, 1998, 78, 654-660.	2.3	246
53	Neuropathology of ablation of rat gliosarcomas and contiguous brain tissues using a microplanar beam of synchrotron-wiggler-generated X rays. , 1998, 78, 654.		1
54	Mitotic Activity and Nuclear DNA Damage of Large Cells in Hodgkin's Disease: Comparison with the Expression of p53 and bcl-2 Proteins and the Presence of Epstein-Barr Virus. Leukemia and Lymphoma, 1997, 25, 153-161.	0.6	6

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55	CELLULAR KINETIC AND PHENOTYPIC HETEROGENEITY IN AND AMONG BURKITT'S AND BURKITT-LIKE LYMPHOMAS. , 1997, 182, 145-150.		33
56	Growth patterns of diffuse non-Hodgkin's lymphomas estimated from mitotic and apoptotic indices. , 1997, 73, 178-183.		5
57	DIFFERENTIALIN SITU EXPRESSION OF THE GENES ENCODING THE CHEMOKINES MCP-1 AND RANTES IN HUMAN INFLAMMATORY BOWEL DISEASE. , 1996, 178, 201-206.		155
58	Stage-related differences of mitotic and apoptotic indices, and bcl-2 protein expression in diffusely growing non-Hodgkin's lymphomas. , 1996, 68, 436-440.		6
59	Abortive Mitoses and Nuclear DNA Fragmentation in CD30+ Large Cells of Hodgkin's Disease. Leukemia and Lymphoma, 1996, 22, 119-124.	0.6	20
60	Substance-P receptors in human primary neoplasms: Tumoral and vascular localization. International Journal of Cancer, 1995, 61, 786-792.	2.3	196
61	Presence of the bcl-2 protein and apoptosis in non-hodgkin lymphomas with diffuse growth pattern. International Journal of Cancer, 1995, 61, 826-831.	2.3	28
62	Paradoxical effects of bleomycin and heavy water (D2O) in mice. International Journal of Cancer, 1995, 62, 784-790.	2.3	8
63	Low versus high cell turnover in diffusely growing non-Hodgkin's lymphomas. Journal of Pathology, 1995, 177, 335-341.	2.1	35
64	High density of somatostatin receptors in veins surrounding human cancer tissue: Role in tumor-host interaction?. International Journal of Cancer, 1994, 56, 681-688.	2.3	113
65	Spatial distribution of mitosis, apoptosis and small blood vessels in malignant diffuse follicular-center-cell lymphomas: A nearest-neighbor analysis. International Journal of Cancer, 1994, 59, 313-318.	2.3	5
66	Immunohistochemical Characterization of the Human Endolymphatic Sac and Its Associated Cell Populations. Acta Oto-Laryngologica, 1992, 112, 299-305.	0.3	19
67	SDZ PSC 833, A non-immunosuppressive cyclosporine: Its potency in overcoming P-glycoprotein-mediated multidrug resistance of murine leukemia. International Journal of Cancer, 1992, 50, 593-597.	2.3	100
68	Pharmacologic interactions between the resistance-modifying cyclosporine sdz psc 833 and etoposide (VP 16â€“213) enhanceIn Vivo cytostatic activity and toxicity. International Journal of Cancer, 1992, 51, 433-438.	2.3	70