

Thomas Björk Eriksson

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

9,269
citations

201385

27
h-index

85405

71
g-index

72
all docs

72
docs citations

72
times ranked

10193
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights Gained From a Re-analysis of Five Improvement Cases in Healthcare Integrating System Dynamics Into Action Research. <i>International Journal of Health Policy and Management</i> , 2022, ,	0.5	3
2	Neuropsychological functioning in childhood cancer survivors following cranial radiotherapy – results from a long-term follow-up clinic. <i>Neurocase</i> , 2022, 28, 163-172.	0.2	2
3	Insights gained from a systematic reanalysis of a successful model-facilitated change process in health care. <i>Systems Research and Behavioral Science</i> , 2021, 38, 204-214.	0.9	3
4	Health-related quality of life in patients with primary brain tumors during and three months after treatment with proton beam therapy. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2021, 17, 5-17.	0.6	4
5	Long-Term Aspects of Quality of Life in Head and Neck Cancer Patients Treated With Intensity Modulated Radiation Therapy: A 5-Year Longitudinal Follow-up and Comparison with a Normal Population Cohort. <i>Advances in Radiation Oncology</i> , 2020, 5, 101-110.	0.6	18
6	Compression Treatment of Breast Edema: A Randomized Controlled Pilot Study. <i>Lymphatic Research and Biology</i> , 2020, 18, 129-135.	0.5	18
7	Residual positioning errors and uncertainties for pediatric craniospinal irradiation and the impact of image guidance. <i>Radiation Oncology</i> , 2020, 15, 149.	1.2	2
8	Radiation Therapy in Sweden: Past, Present, and Future Perspectives. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 6-11.	0.4	2
9	Chronic disturbance in the thalamus following cranial irradiation to the developing mouse brain. <i>Scientific Reports</i> , 2019, 9, 9588.	1.6	2
10	Evaluating the implementation and use of the regional cancer plan in Western Sweden through concept mapping. <i>International Journal for Quality in Health Care</i> , 2019, 31, 44-52.	0.9	2
11	Structure delineation in the presence of metal – A comparative phantom study using single and dual-energy computed tomography with and without metal artefact reduction. <i>Physics and Imaging in Radiation Oncology</i> , 2019, 9, 43-49.	1.2	12
12	Evaluation of quality of care in relation to health-related quality of life of patients diagnosed with brain tumor: a novel clinic for proton beam therapy. <i>Supportive Care in Cancer</i> , 2019, 27, 2679-2691.	1.0	14
13	A role for endothelial cells in radiation-induced inflammation. <i>International Journal of Radiation Biology</i> , 2018, 94, 259-271.	1.0	18
14	Retrospective estimation of heart and lung doses in pediatric patients treated with spinal irradiation. <i>Radiotherapy and Oncology</i> , 2018, 128, 209-213.	0.3	3
15	Impact on quality of life of IMRT versus 3-D conformal radiation therapy in head and neck cancer patients: A case control study. <i>Advances in Radiation Oncology</i> , 2017, 2, 346-353.	0.6	27
16	Serum concentrations of the axonal injury marker neurofilament light protein are not influenced by blood-brain barrier permeability. <i>Brain Research</i> , 2017, 1668, 12-19.	1.1	53
17	Hypothermia after cranial irradiation protects neural progenitor cells in the subventricular zone but not in the hippocampus. <i>International Journal of Radiation Biology</i> , 2017, 93, 771-783.	1.0	2
18	Radiation physiology – evidence for a higher biological effect of 24%Gy in four fractions as compared to three. <i>Acta Oncologica</i> , 2017, 56, 1240-1243.	0.8	5

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19	A novel mouse model of radiation-induced cancer survivorship diseases of the gut. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G456-G466.	1.6	10
20	Results of preoperative chemoradiotherapy for patients with advanced cancer of the nasal cavity and paranasal sinuses. <i>Acta Oto-Laryngologica</i> , 2017, 137, 1292-1300.	0.3	16
21	Exercise in Adulthood after Irradiation of the Juvenile Brain Ameliorates Long-Term Depletion of Oligodendroglial Cells. <i>Radiation Research</i> , 2017, 188, 443.	0.7	6
22	A national approach for automated collection of standardized and population-based radiation therapy data in Sweden. <i>Radiotherapy and Oncology</i> , 2016, 119, 344-350.	0.3	19
23	Consensus Report From the Stockholm Pediatric Proton Therapy Conference. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 387-392.	0.4	46
24	Differences in health related quality of life in the randomised ARTSCAN study; accelerated vs. conventional radiotherapy for head and neck cancer. A five year follow up. <i>Radiotherapy and Oncology</i> , 2016, 118, 335-341.	0.3	15
25	C3 deficiency ameliorates the negative effects of irradiation of the young brain on hippocampal development and learning. <i>Oncotarget</i> , 2016, 7, 19382-19394.	0.8	21
26	Use of PET/CT instead of CT-only when planning for radiation therapy does not notably increase life years lost in children being treated for cancer. <i>Pediatric Radiology</i> , 2015, 45, 570-581.	1.1	4
27	Mature results from a Swedish comparison study of conventional versus accelerated radiotherapy in head and neck squamous cell carcinoma – The ARTSCAN trial. <i>Radiotherapy and Oncology</i> , 2015, 117, 99-105.	0.3	26
28	Different reactions to irradiation in the juvenile and adult hippocampus. <i>International Journal of Radiation Biology</i> , 2014, 90, 807-815.	1.0	40
29	No clinically relevant effect on cognitive outcomes after low-dose radiation to the infant brain: A population-based cohort study in Sweden. <i>Acta Oncologica</i> , 2014, 53, 1143-1150.	0.8	18
30	Optimizing the radiation therapy dose prescription for pediatric medulloblastoma: Minimizing the life years lost attributable to failure to control the disease and late complication risk. <i>Acta Oncologica</i> , 2014, 53, 462-470.	0.8	18
31	Neurochemical Evidence of Potential Neurotoxicity After Prophylactic Cranial Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 607-614.	0.4	16
32	Hippocampal sparing radiotherapy for pediatric medulloblastoma: impact of treatment margins and treatment technique. <i>Neuro-Oncology</i> , 2014, 16, 594-602.	0.6	36
33	Pituitary disease mortality: is it fiction?. <i>Pituitary</i> , 2013, 16, 402-412.	1.6	7
34	Low rate of lymphedema after extended pelvic lymphadenectomy followed by pelvic irradiation of node-positive prostate cancer. <i>Radiation Oncology</i> , 2013, 8, 271.	1.2	16
35	Modeling Freedom From Progression for Standard-Risk Medulloblastoma: A Mathematical Tumor Control Model With Multiple Modes of Failure. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 422-429.	0.4	5
36	Hyperfractionated Versus Conventional Radiotherapy Followed by Chemotherapy in Standard-Risk Medulloblastoma: Results From the Randomized Multicenter HIT-SIOP PNET 4 Trial. <i>Journal of Clinical Oncology</i> , 2012, 30, 3187-3193.	0.8	270

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37	Estimated clinical benefit of protecting neurogenesis in the developing brain during radiation therapy for pediatric medulloblastoma. <i>Neuro-Oncology</i> , 2012, 14, 882-889.	0.6	69
38	Life years lost—comparing potentially fatal late complications after radiotherapy for pediatric medulloblastoma on a common scale. <i>Cancer</i> , 2012, 118, 5432-5440.	2.0	61
39	Learning and Activity after Irradiation of the Young Mouse Brain Analyzed in Adulthood Using Unbiased Monitoring in a Home Cage Environment. <i>Radiation Research</i> , 2011, 175, 336-346.	0.7	32
40	Radiobiological risk estimates of adverse events and secondary cancer for proton and photon radiation therapy of pediatric medulloblastoma. <i>Acta Oncologica</i> , 2011, 50, 806-816.	0.8	132
41	Two-year results from a Swedish study on conventional versus accelerated radiotherapy in head and neck squamous cell carcinoma — The ARTSCAN study. <i>Radiotherapy and Oncology</i> , 2011, 100, 41-48.	0.3	35
42	Decreased cytogenesis in the granule cell layer of the hippocampus and impaired place learning after irradiation of the young mouse brain evaluated using the IntelliCage platform. <i>Experimental Brain Research</i> , 2010, 201, 781-787.	0.7	42
43	The growth hormone secretagogue hexarelin increases cell proliferation in neurogenic regions of the mouse hippocampus. <i>Growth Hormone and IGF Research</i> , 2010, 20, 49-54.	0.5	10
44	Telemedicine as a tool for sharing competence in paediatric radiotherapy — Implementation and initial experiences from a Swedish project. <i>Acta Oncologica</i> , 2009, 48, 146-152.	0.8	13
45	Irradiation-induced loss of microglia in the young brain. <i>Journal of Neuroimmunology</i> , 2009, 206, 70-75.	1.1	54
46	Expression modes and clinical manifestations of latent membrane protein 1, Ki-67, cyclin B1, and epidermal growth factor receptor in nonendemic nasopharyngeal carcinoma. <i>Head and Neck</i> , 2009, 31, 482-492.	0.9	33
47	Irradiation to the immature brain attenuates neurogenesis and exacerbates subsequent hypoxic-ischemic brain injury in the adult. <i>Journal of Neurochemistry</i> , 2009, 111, 1447-1456.	2.1	32
48	Differential Recovery of Neural Stem Cells in the Subventricular Zone and Dentate Gyrus After Ionizing Radiation. <i>Stem Cells</i> , 2009, 27, 634-641.	1.4	160
49	Transient Inflammation in Neurogenic Regions after Irradiation of the Developing Brain. <i>Radiation Research</i> , 2009, 171, 66-76.	0.7	77
50	Intensity-modulated radiotherapy of nasopharyngeal carcinoma: a comparative treatment planning study of photons and protons. <i>Radiation Oncology</i> , 2008, 3, 4.	1.2	98
51	Voluntary running rescues adult hippocampal neurogenesis after irradiation of the young mouse brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14632-14637.	3.3	186
52	The quality assurance process for the ARTSCAN head and neck study — A practical interactive approach for QA in 3DCRT and IMRT. <i>Radiotherapy and Oncology</i> , 2008, 87, 290-299.	0.3	21
53	Long-term treatment results for nasopharyngeal carcinoma: The Sahlgrenska University Hospital experience. <i>Acta Oncologica</i> , 2007, 46, 817-827.	0.8	10
54	Accelerated hyperfractionated radiotherapy and concomitant chemotherapy in small cell lung cancer limited-disease. Dose response, feasibility and outcome for patients treated in western Sweden, 1998—2004. <i>Acta Oncologica</i> , 2007, 46, 969-974.	0.8	7

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55	Human Neuroblasts Migrate to the Olfactory Bulb via a Lateral Ventricular Extension. <i>Science</i> , 2007, 315, 1243-1249.	6.0	804
56	X-chromosome-linked inhibitor of apoptosis protein reduces oxidative stress after cerebral irradiation or hypoxia-ischemia through up-regulation of mitochondrial antioxidants. <i>European Journal of Neuroscience</i> , 2007, 26, 3402-3410.	1.2	37
57	Distributed proton radiation therapy: A new concept for advanced competence support. <i>Acta Oncologica</i> , 2006, 45, 1094-1101.	0.8	20
58	Neocortical neurogenesis in humans is restricted to development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12564-12568.	3.3	399
59	Age-dependent sensitivity of the developing brain to irradiation is correlated with the number and vulnerability of progenitor cells. <i>Journal of Neurochemistry</i> , 2005, 92, 569-584.	2.1	107
60	Progenitor cell injury after irradiation to the developing brain can be modulated by mild hypothermia or hyperthermia. <i>Journal of Neurochemistry</i> , 2005, 94, 1604-1619.	2.1	25
61	Age-dependent sensitivity of the developing brain to irradiation is correlated with the number and vulnerability of progenitor cells. <i>Journal of Neurochemistry</i> , 2005, 95, 1802-1802.	2.1	0
62	The potential of proton beam radiation therapy in breast cancer. <i>Acta Oncologica</i> , 2005, 44, 884-889.	0.8	17
63	The potential of proton beam radiation for palliation and reirradiation. <i>Acta Oncologica</i> , 2005, 44, 918-920.	0.8	10
64	The potential of proton beam radiation therapy in head and neck cancer. <i>Acta Oncologica</i> , 2005, 44, 876-880.	0.8	20
65	The potential of proton beam therapy in paediatric cancer. <i>Acta Oncologica</i> , 2005, 44, 871-875.	0.8	11
66	The potentials of proton beam radiation therapy in malignant lymphoma, thymoma and sarcoma. <i>Acta Oncologica</i> , 2005, 44, 913-917.	0.8	12
67	Number of patients potentially eligible for proton therapy. <i>Acta Oncologica</i> , 2005, 44, 836-849.	0.8	80
68	Does electron and proton therapy reduce the risk of radiation induced cancer after spinal irradiation for childhood medulloblastoma? A comparative treatment planning study. <i>Acta Oncologica</i> , 2005, 44, 554-562.	0.8	93
69	Accuracy of tele-oncology compared with face-to-face consultation in head and neck cancer case conferences. <i>Journal of Telemedicine and Telecare</i> , 2001, 7, 338-343.	1.4	27
70	Tumor radiosensitivity (SF2) is a prognostic factor for local control in head and neck cancers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 46, 13-19.	0.4	113
71	The immunohistochemical expression of DNA-PKcs and Ku (p70/p80) in head and neck cancers: relationships with radiosensitivity. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999, 45, 1005-1010.	0.4	37
72	Neurogenesis in the adult human hippocampus. <i>Nature Medicine</i> , 1998, 4, 1313-1317.	15.2	5,606