

Elena Sperk

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,151
citations

393982

19
h-index

233125

45
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87
all docs

87
docs citations

87
times ranked

2132
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of angiotensin converting enzyme inhibitors is associated with reduced risk of late bladder toxicity following radiotherapy for prostate cancer. <i>Radiotherapy and Oncology</i> , 2022, 168, 75-82.	0.3	10
2	Development and Optimization of a Machine-Learning Prediction Model for Acute Desquamation After Breast Radiation Therapy in the Multicenter REQUITE Cohort. <i>Advances in Radiation Oncology</i> , 2022, 7, 100890.	0.6	6
3	Selective inhibitors of bromodomain <scp>BD1</scp> and <scp>BD2</scp> of <scp>BET</scp> proteins modulate radiation-induced profibrotic fibroblast responses. <i>International Journal of Cancer</i> , 2022, , .	2.3	3
4	Long-Term Outcomes of an International Cooperative Study of Intraoperative Radiotherapy Upfront Boost With Low Energy X-Rays in Breast Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 850351.	1.3	3
5	Overview of health-related quality of life and toxicity of non-small cell lung cancer patients receiving curative-intent radiotherapy in a real-life setting (the REQUITE study). <i>Lung Cancer</i> , 2022, 166, 228-241.	0.9	5
6	Radiotherapy and olaptosed pegol (NOX-A12) in partially resected or biopsy-only MGMT-unmethylated glioblastoma: Interim data from the German multicenter phase 1/2 GLORIA trial.. <i>Journal of Clinical Oncology</i> , 2022, 40, 2050-2050.	0.8	1
7	Cardiac serum marker alterations after intraoperative radiotherapy with low-energy x-rays in early breast cancer as an indicator of possible cardiac toxicity. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 39-47.	1.0	2
8	Intraoperative radiotherapy for breast cancer: powerful evidence to change practice. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 187-188.	12.5	11
9	Wound Fluid from Breast Cancer Patients Undergoing Intraoperative Radiotherapy Exhibits an Altered Cytokine Profile and Impairs Mesenchymal Stromal Cell Function. <i>Cancers</i> , 2021, 13, 2140.	1.7	8
10	New clinical and biological insights from the international TARGIT-A randomised trial of targeted intraoperative radiotherapy during lumpectomy for breast cancer. <i>British Journal of Cancer</i> , 2021, 125, 380-389.	2.9	30
11	Epigenetic Modulation of Radiation-Induced Diacylglycerol Kinase Alpha Expression Prevents Pro-Fibrotic Fibroblast Response. <i>Cancers</i> , 2021, 13, 2455.	1.7	8
12	Development of a method for generating SNP interaction-aware polygenic risk scores for radiotherapy toxicity. <i>Radiotherapy and Oncology</i> , 2021, 159, 241-248.	0.3	11
13	Partial breast irradiation with intraoperative radiotherapy in the ELIOT trial. <i>Lancet Oncology</i> , The, 2021, 22, e295-e296.	5.1	2
14	In Regard to Polgar et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 905-907.	0.4	2
15	A data science approach for early-stage prediction of Patient's susceptibility to acute side effects of advanced radiotherapy. <i>Computers in Biology and Medicine</i> , 2021, 135, 104624.	3.9	3
16	Innovative radiation oncology Together“ Precise,“Personalized,“Human. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 1043-1048.	1.0	7
17	CTNI-43. CXCL12 INHIBITION IN MGMT UNMETHYLATED GLIOBLASTOMA “ RESULTS OF AN EARLY PROOF-OF-CONCEPT ASSESSMENT IN THE MULTICENTRIC PHASE I/II GLORIA TRIAL (NCT04121455). <i>Neuro-Oncology</i> , 2021, 23, vi69-vi69.	0.6	0
18	Intraoperative radiotherapy for glioblastoma: an international pooled analysis. <i>Radiotherapy and Oncology</i> , 2020, 142, 162-167.	0.3	22

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19	Long-term outcome after intraoperative radiotherapy as a boost in breast cancer. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 349-355.	1.0	24
20	Prospective trial on telemonitoring of geriatric cancer patients using handheld devices. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 205-212.	1.0	8
21	A Deep Learning Approach Validates Genetic Risk Factors for Late Toxicity After Prostate Cancer Radiotherapy in a REQUITE Multi-National Cohort. <i>Frontiers in Oncology</i> , 2020, 10, 541281.	1.3	15
22	Coprevalence and Incidence of Lung Cancer in Patients Screened for Abdominal Aortic Aneurysm. <i>Anticancer Research</i> , 2020, 40, 4137-4145.	0.5	5
23	Long term survival and local control outcomes from single dose targeted intraoperative radiotherapy during lumpectomy (TARGIT-IORT) for early breast cancer: TARGIT-A randomised clinical trial. <i>BMJ, The</i> , 2020, 370, m2836.	3.0	165
24	TARGIT C(onsolidation) - First per Protocol Analysis of The Prospective Phase IV Study of Intraoperative Radiotherapy (IORT) in Patients with Small Breast Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, e40.	0.4	0
25	Relevance of B and NK Cells in the Correlation between Radiation-induced Lymphocyte Apoptosis (RILA) and Normal-tissue Late Toxicity after Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, e502.	0.4	0
26	Intraoperative radiotherapy with low energy x-rays for primary and recurrent soft-tissue sarcomas. <i>Radiation Oncology</i> , 2020, 15, 110.	1.2	7
27	ESTRO IORT Task Force/ACROP recommendations for intraoperative radiation therapy with electrons (IOERT) in breast cancer. <i>Radiotherapy and Oncology</i> , 2020, 149, 150-157.	0.3	52
28	Effect of Delayed Targeted Intraoperative Radiotherapy vs Whole-Breast Radiotherapy on Local Recurrence and Survival. <i>JAMA Oncology</i> , 2020, 6, e200249.	3.4	83
29	Adjuvant electronic brachytherapy for endometrial carcinoma: A 4-year outcomes report. <i>Brachytherapy</i> , 2020, 19, 635-641.	0.2	1
30	Intraoperative Bestrahlung (IORT) mit niederenergetischen Röntgenstrahlen bei brusterhaltender Therapie des Mammakarzinoms - Prospektive Identifizierung von prä- und intraoperativen Faktoren, die die Durchführbarkeit und das postinterventionelle Ergebnis beeinflussen. <i>Senologie - Zeitschrift für Mammadiagnostik Und -therapie</i> , 2020, 17, .	0.0	0
31	External Validation of a Predictive Model for Acute Skin Radiation Toxicity in the REQUITE Breast Cohort. <i>Frontiers in Oncology</i> , 2020, 10, 575909.	1.3	1
32	Genome wide association study of acute radiation toxicity and quality of life in breast cancer patients – results from the REQUITE cohort study. <i>European Journal of Cancer</i> , 2020, 138, S12.	1.3	1
33	External Validation of a Predictive Model for Acute Skin Radiation Toxicity in the REQUITE Breast Cohort. <i>Frontiers in Oncology</i> , 2020, 10, 575909.	1.3	10
34	EP-1305 Long-term results up to 15 years after IORT boost in breast cancer patients. <i>Radiotherapy and Oncology</i> , 2019, 133, S714-S715.	0.3	0
35	OC-0497 Predictive modelling of risk of breast fibrosis at > 10 years after radiotherapy using the RILA assay. <i>Radiotherapy and Oncology</i> , 2019, 133, S255-S256.	0.3	1
36	Intraoperative Radiotherapy for Glioblastoma: An International Pooled Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, E107-E108.	0.4	0

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37	Intraoperative Radiotherapy with Low Energy x-Rays for Primary and Recurrent Soft-Tissue Sarcoma. International Journal of Radiation Oncology Biology Physics, 2019, 105, E810.	0.4	0
38	First per Protocol Analysis of the Prospective Phase II Study of Intraoperative Radiotherapy (IORT) in Elderly Patients with Small Breast Cancer: Targit E(Ilderly). International Journal of Radiation Oncology Biology Physics, 2019, 105, S8.	0.4	2
39	Multi-centre technical evaluation of the radiation-induced lymphocyte apoptosis assay as a predictive test for radiotherapy toxicity. Clinical and Translational Radiation Oncology, 2019, 18, 1-8.	0.9	14
40	REQUIRE: A prospective multicentre cohort study of patients undergoing radiotherapy for breast, lung or prostate cancer. Radiotherapy and Oncology, 2019, 138, 59-67.	0.3	53
41	Combined kyphoplasty and intraoperative radiotherapy (Kypho-IORT) versus external beam radiotherapy (EBRT) for painful vertebral metastases - a randomized phase III study. BMC Cancer, 2019, 19, 430.	1.1	7
42	Single-center long-term results from the randomized phase-3 TARGIT-A trial comparing intraoperative and whole-breast radiation therapy for early breast cancer. Strahlentherapie Und Onkologie, 2019, 195, 640-647.	1.0	21
43	Association of CD4+ Radiation-Induced Lymphocyte Apoptosis with Fibrosis and Telangiectasia after Radiotherapy in 272 Breast Cancer Patients with >10-Year Follow-up. Clinical Cancer Research, 2019, 25, 562-572.	3.2	11
44	Intraoperative Radiotherapy in Newly Diagnosed Glioblastoma (INTRAGO): An Open-Label, Dose-Escalation Phase I/II Trial. Neurosurgery, 2019, 84, 41-49.	0.6	39
45	Long-term changes in blood counts after intraoperative radiotherapy for breast cancer – single center experience and review of the literature. Translational Cancer Research, 2019, 8, 1882-1903.	0.4	6
46	Mammakarzinom. , 2019, , 1-31.		0
47	Breast conserving surgery in combination with intraoperative radiotherapy after previous external beam therapy: an option to avoid mastectomy. Breast Cancer Research and Treatment, 2018, 168, 739-744.	1.1	19
48	Phase I/II trial of combined kyphoplasty and intraoperative radiotherapy in spinal metastases. Spine Journal, 2018, 18, 776-781.	0.6	15
49	International Multi-institutional Study of Intraoperative Radiation Therapy for Recurrent Gastrointestinal Tumors. International Journal of Radiation Oncology Biology Physics, 2018, 102, S66.	0.4	0
50	Prediction of Radiation-induced Breast Fibrosis by the Radiation-induced Lymphocyte Apoptosis Assay: Relation to the Surgical Area. International Journal of Radiation Oncology Biology Physics, 2018, 102, e175-e176.	0.4	0
51	EP-1534: International multi-institutional study of intraoperative radiotherapy for abdominopelvic tumors. Radiotherapy and Oncology, 2018, 127, S829-S830.	0.3	0
52	Single center long term results from the randomized phase-3 TARGIT-A trial comparing intraoperative (IORT) and whole-breast radiation therapy (WBRT) for early breast cancer.. Journal of Clinical Oncology, 2018, 36, e12616-e12616.	0.8	1
53	Brusterhaltende Therapie in Kombination mit intraoperativer Radiotherapie in der vorbestrahlten Situation: Eine Alternative zur Mastektomie. Senologie - Zeitschrift für Mammadiagnostik Und -therapie, 2018, 15, .	0.0	0
54	Brusterhaltende Therapie in Kombination mit intraoperativer Radiotherapie in der vorbestrahlten Situation: Die Alternative zur Mastektomie. , 2018, 78, .		0

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55	Intraoperative radiotherapy (IORT) as boost in breast cancer. <i>Radiation Oncology</i> , 2017, 12, 23.	1.2	62
56	Initial experience of intraoperative radiotherapy as tumour bed boost after neoadjuvant chemotherapy in breast cancer patients. <i>Translational Cancer Research</i> , 2017, 6, 416-423.	0.4	4
57	Longterm blood cell counts after intraoperative radiotherapy with or without whole breast radiotherapy in breast cancer patients.. <i>Journal of Clinical Oncology</i> , 2017, 35, e12014-e12014.	0.8	0
58	Hypofractionated, normofractionated and intraoperative breast irradiation: Long term cosmetic outcome based on photographic evaluation.. <i>Journal of Clinical Oncology</i> , 2017, 35, 568-568.	0.8	0
59	RTHP-05. INTRAOPERATIVE RADIOOTHERAPY (IORT) USING LOW-ENERGY X-RAYS IN A COHORT OF PREDOMINANTLY INCOMPLETELY RESECTED NEWLY DIAGNOSED GLIOBLASTOMA MULTIFORME (INTRAGO) Tj ET al 1 0.784314 rg	0.8	0
60	Epigenetic regulation of diacylglycerol kinase alpha promotes radiation-induced fibrosis. <i>Nature Communications</i> , 2016, 7, 10893.	5.8	46
61	Evaluation of the Radiance planning system for breast fibrosis after intraoperative radiotherapy as a boost in breast conserving surgery.. <i>Journal of Clinical Oncology</i> , 2016, 34, e12534-e12534.	0.8	0
62	Phase I/II trial on intraoperative radiotherapy (IORT) in glioblastoma multiforme (INTRAGO).. <i>Journal of Clinical Oncology</i> , 2016, 34, e13503-e13503.	0.8	0
63	Accelerated Partial Breast Irradiation in Clinical Practice. <i>Breast Care</i> , 2015, 10, 247-252.	0.8	16
64	18F-FDG PET/CT for initial staging in breast cancer patients – Is there a relevant impact on treatment planning compared to conventional staging modalities?. <i>European Radiology</i> , 2015, 25, 2460-2469.	2.3	41
65	Intraoperative radiotherapy combined with kyphoplasty (Kypho-IORT) for spinal metastases: Phase II dose escalation study and update of clinical results from a pilot phase.. <i>Journal of Clinical Oncology</i> , 2015, 33, e20563-e20563.	0.8	0
66	Abstract 3445: Diacylglycerol kinase alpha as a novel epigenetically regulated risk marker for radiotherapy-induced fibrosis. , 2015, , .		0
67	INTRAGO: intraoperative radiotherapy in glioblastoma multiforme – a Phase I/II dose escalation study. <i>BMC Cancer</i> , 2014, 14, 992.	1.1	35
68	Second cancer risk after 3D-CRT, IMRT and VMAT for breast cancer. <i>Radiation Oncology</i> , 2014, 110, 471-476.	0.3	138
69	Risk-adapted targeted intraoperative radiotherapy versus whole-breast radiotherapy for breast cancer: 5-year results for local control and overall survival from the TARGIT-A randomised trial. <i>Lancet, The</i> , 2014, 383, 603-613.	6.3	740
70	A cohort analysis to identify eligible patients for intraoperative radiotherapy (IORT) of early breast cancer. <i>Radiation Oncology</i> , 2014, 9, 154.	1.2	20
71	DEGRO practical guidelines for radiotherapy of breast cancer IV. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 705-714.	1.0	46
72	Other Applications of INTRABEAM®. , 2014, , 93-104.		1

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73	Patient Selection and Information. , 2014, , 147-152.		0
74	Quality of Life and Late Radiation Toxicity. , 2014, , 71-78.		0
75	Follow-Up Findings in the Tumour Bed After IORT “ What the Radiologist Needs to Know. , 2014, , 67-70.		0
76	Clinical aspects of intraoperative radiotherapy in early breast cancer: short-term complications after IORT in women treated with low energy x-rays. Radiation Oncology, 2013, 8, 95.	1.2	43
77	Radiation-related quality of life parameters after targeted intraoperative radiotherapy versus whole breast radiotherapy in patients with breast cancer: results from the randomized phase III trial TARGIT-A. Radiation Oncology, 2013, 8, 9.	1.2	72
78	Comparison of genetic variation of breast cancer susceptibility genes in Chinese and German populations. European Journal of Human Genetics, 2013, 21, 1286-1292.	1.4	27
79	TARGIT-A trial: Updated results for local recurrence and survival for the German centers.. Journal of Clinical Oncology, 2013, 31, 1121-1121.	0.8	0
80	Late radiation toxicity after intraoperative radiotherapy (IORT) for breast cancer: results from the randomized phase III trial TARGIT A. Breast Cancer Research and Treatment, 2012, 135, 253-260.	1.1	102
81	Factors of influence on acute skin toxicity of breast cancer patients treated with standard three-dimensional conformal radiotherapy (3D-CRT) after breast conserving surgery (BCS). Radiation Oncology, 2012, 7, 217.	1.2	60