

Nils Henrik Nicolay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8402065/publications.pdf>

Version: 2024-02-01

123
papers

2,719
citations

218677

26
h-index

243625

44
g-index

145
all docs

145
docs citations

145
times ranked

3852
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Human mesenchymal stromal cells maintain their stem cell traits after high-LET particle irradiation â€œ Potential implications for particle radiotherapy and manned space missions. <i>Cancer Letters</i> , 2022, 524, 172-181. | 7.2 | 2 |
| 2 | Interleukin-6 as surrogate marker for imaging-based hypoxia dynamics in patients with head-and-neck cancers undergoing definitive chemoradiationâ€™ results from a prospective pilot trial. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1650-1660. | 6.4 | 4 |
| 3 | The value of plasma hypoxia markers for predicting imaging-based hypoxia in patients with head-and-neck cancers undergoing definitive chemoradiation. <i>Clinical and Translational Radiation Oncology</i> , 2022, 33, 120-127. | 1.7 | 3 |
| 4 | Improvement of diffusion weighted MRI by practical B0 homogenization for head & neck cancer patients undergoing radiation therapy. <i>Physica Medica</i> , 2022, 97, 59-65. | 0.7 | 1 |
| 5 | Financial toxicity in cancer patients treated with radiotherapy in Germanyâ€™â€™a cross-sectional study. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 1053-1061. | 2.0 | 12 |
| 6 | Abstract 3156: Tumor Treating Fields reduce cellular survival of human mesenchymal stromal cells via apoptosis and senescence induction. <i>Cancer Research</i> , 2022, 82, 3156-3156. | 0.9 | 1 |
| 7 | Human Mesenchymal Stromal Cells Do Not Cause Radioprotection of Head-and-Neck Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7689. | 4.1 | 2 |
| 8 | Cost effectiveness and health-related quality of life of chemoradiotherapy versus radiation therapy alone in elderly head and neck cancer patients. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 1008-1015. | 2.0 | 4 |
| 9 | Intraprostatic Tumor Segmentation on PSMA PET Images in Patients with Primary Prostate Cancer with a Convolutional Neural Network. <i>Journal of Nuclear Medicine</i> , 2021, 62, 823-828. | 5.0 | 32 |
| 10 | Development and validation of a novel prognostic score for elderly head-and-neck cancer patients undergoing radiotherapy or chemoradiation. <i>Radiotherapy and Oncology</i> , 2021, 154, 276-282. | 0.6 | 19 |
| 11 | Lymphocyte Infiltration Determines the Hypoxia-Dependent Response to Definitive Chemoradiation in Head-and-Neck Cancer: Results from a Prospective Imaging Trial. <i>Journal of Nuclear Medicine</i> , 2021, 62, 471-478. | 5.0 | 14 |
| 12 | Radiomics in prostate cancer imaging for a personalized treatment approach - current aspects of methodology and a systematic review on validated studies. <i>Theranostics</i> , 2021, 11, 8027-8042. | 10.0 | 39 |
| 13 | Evolution of the hypoxic compartment on sequential oxygen partial pressure maps during radiochemotherapy in advanced head and neck cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 17, 100-105. | 2.9 | 6 |
| 14 | Fractionated radiotherapy for pituitary adenomas. , 2021, , 459-470. | | 0 |
| 15 | FDG-PET Radiomics for Response Monitoring in Non-Small-Cell Lung Cancer Treated with Radiation Therapy. <i>Cancers</i> , 2021, 13, 814. | 3.7 | 21 |
| 16 | Treatment outcomes of elderly salivary gland cancer patients undergoing radiotherapy â€™ Results from a large multicenter analysis. <i>Radiotherapy and Oncology</i> , 2021, 156, 266-274. | 0.6 | 7 |
| 17 | First German Guideline on Diagnostics and Therapy of Clinically Non-Functioning Pituitary Tumors. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2021, 129, 250-264. | 1.2 | 12 |
| 18 | Surviving Elderly Patients with Head-and-Neck Squamous Cell Carcinomaâ€™â€™What Is the Long-Term Quality of Life after Curative Radiotherapy?. <i>Cancers</i> , 2021, 13, 1275. | 3.7 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The impact of the co-registration technique and analysis methodology in comparison studies between advanced imaging modalities and whole-mount-histology reference in primary prostate cancer. <i>Scientific Reports</i> , 2021, 11, 5836. | 3.3 | 20 |
| 20 | Efficacy of Stereotactic Body Radiotherapy in Patients With Hepatocellular Carcinoma Not Suitable for Transarterial Chemoembolization (HERACLES: HEpatocellular Carcinoma Stereotactic) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 50 697 Td (| | |
| 21 | Biologically consistent dose accumulation using daily patient imaging. <i>Radiation Oncology</i> , 2021, 16, 65. | 2.7 | 5 |
| 22 | The Particle Radiobiology of Multipotent Mesenchymal Stromal Cells: A Key to Mitigating Radiation-Induced Tissue Toxicities in Cancer Treatment and Beyond?. <i>Frontiers in Oncology</i> , 2021, 11, 616831. | 2.8 | 1 |
| 23 | Intraoperative radiotherapy boost as part of breast-conservation therapy for breast cancer: a single-institution retrospective analysis. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 812-819. | 2.0 | 11 |
| 24 | Influence of Urethra Sparing on Tumor Control Probability and Normal Tissue Complication Probability in Focal Dose Escalated Hypofractionated Radiotherapy: A Planning Study Based on Histopathology Reference. <i>Frontiers in Oncology</i> , 2021, 11, 652678. | 2.8 | 12 |
| 25 | De-Escalation Strategies of (Chemo)Radiation for Head-and-Neck Squamous Cell Cancersâ€”HPV and Beyond. <i>Cancers</i> , 2021, 13, 2204. | 3.7 | 23 |
| 26 | The value of primary and adjuvant radiotherapy for cutaneous squamous cell carcinomas of the head-and-neck region in the elderly. <i>Radiation Oncology</i> , 2021, 16, 105. | 2.7 | 5 |
| 27 | Immunohistochemistry-based hypoxia-immune prognostic classifier for head-and-neck cancer patients undergoing chemoradiation â€” Post-hoc analysis from a prospective imaging trial. <i>Radiotherapy and Oncology</i> , 2021, 159, 75-81. | 0.6 | 8 |
| 28 | Value of PET imaging for radiation therapy. <i>Nuklearmedizin - NuclearMedicine</i> , 2021, 60, 326-343. | 0.7 | 2 |
| 29 | Value of PET imaging for radiation therapy. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 1-23. | 2.0 | 16 |
| 30 | ¹⁸ F-FMISO-PET Hypoxia Monitoring for Head-and-Neck Cancer Patients: Radiomics Analyses Predict the Outcome of Chemo-Radiotherapy. <i>Cancers</i> , 2021, 13, 3449. | 3.7 | 19 |
| 31 | Low-dose radiotherapy for painful osteoarthritis of the elderly: A multicenter analysis of 970 patients with 1185 treated sites. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 895-902. | 2.0 | 6 |
| 32 | PH-0438 Effects of particle irradiation on human mesenchymal stromal cells. <i>Radiotherapy and Oncology</i> , 2021, 161, S337-S338. | 0.6 | 0 |
| 33 | Innovative radiation oncology Togetherâ€” Precise, Personalized, Human. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 1043-1048. | 2.0 | 7 |
| 34 | Comparative Analyses of Two Established Scores to Assess the Stability of Spinal Bone Metastases Before and After Palliative Radiotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 753768. | 2.8 | 1 |
| 35 | Changes in Blood Biomarkers of Angiogenesis and Immune Modulation after Radiation Therapy and Their Association with Outcomes in Thoracic Malignancies. <i>Cancers</i> , 2021, 13, 5725. | 3.7 | 5 |
| 36 | Patterns-of-Care Analysis for Radiotherapy of Elderly Head-and-Neck Cancer Patients: A Trinational Survey in Germany, Austria and Switzerland. <i>Frontiers in Oncology</i> , 2021, 11, 723716. | 2.8 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Digital Follow-Up and the Perspective of Patient-Centered Care in Oncology: What's the PROblem?. <i>Oncology</i> , 2020, 98, 379-385. | 1.9 | 21 |
| 38 | Resection of recurrent glioblastoma multiforme in elderly patients: a pseudo-randomized analysis revealed clinical benefit. <i>Journal of Neuro-Oncology</i> , 2020, 146, 381-387. | 2.9 | 11 |
| 39 | Correlative analyses between tissue-based hypoxia biomarkers and hypoxia PET imaging in head and neck cancer patients during radiochemotherapy—results from a prospective trial. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1046-1055. | 6.4 | 32 |
| 40 | Characterization of health-related quality of life based on the EQ-5D-5L questionnaire in head-and-neck cancer patients undergoing modern radiotherapy. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2020, 20, 673-682. | 1.4 | 3 |
| 41 | Radiation-induced toxicities and outcomes after radiotherapy are independent of patient age in elderly salivary gland cancer patients: results from a matched-pair analysis of a rare disease. <i>European Archives of Oto-Rhino-Laryngology</i> , 2020, 278, 2537-2548. | 1.6 | 4 |
| 42 | Exploring MR regression patterns in rectal cancer during neoadjuvant radiochemotherapy with daily T2- and diffusion-weighted MRI. <i>Radiation Oncology</i> , 2020, 15, 171. | 2.7 | 12 |
| 43 | The Value of Laboratory Parameters for Anemia, Renal Function, Systemic Inflammation and Nutritional Status as Predictors for Outcome in Elderly Patients with Head-and-Neck Cancers. <i>Cancers</i> , 2020, 12, 1698. | 3.7 | 14 |
| 44 | Convolutional neural networks for head and neck tumor segmentation on 7-channel multiparametric MRI: a leave-one-out analysis. <i>Radiation Oncology</i> , 2020, 15, 181. | 2.7 | 19 |
| 45 | The Role of Palliative Radiotherapy in the Treatment of Spinal Bone Metastases from Head and Neck Tumors—A Multicenter Analysis of a Rare Event. <i>Cancers</i> , 2020, 12, 1950. | 3.7 | 3 |
| 46 | High-dose carbon-ion based radiotherapy of primary and recurrent sacrococcygeal chordomas: long-term clinical results of a single particle therapy center. <i>Radiation Oncology</i> , 2020, 15, 206. | 2.7 | 10 |
| 47 | Hypoxia dynamics on FMISO-PET in combination with PD-1/PD-L1 expression has an impact on the clinical outcome of patients with Head-and-neck Squamous Cell Carcinoma undergoing Chemoradiation. <i>Theranostics</i> , 2020, 10, 9395-9406. | 10.0 | 16 |
| 48 | Comparison of Manual and Semi-Automatic [18F]PSMA-1007 PET Based Contouring Techniques for Intraprostatic Tumor Delineation in Patients With Primary Prostate Cancer and Validation With Histopathology as Standard of Reference. <i>Frontiers in Oncology</i> , 2020, 10, 600690. | 2.8 | 23 |
| 49 | Dosimetric Impact of the Positional Imaging Frequency for Hypofractionated Prostate Radiotherapy — A Voxel-by-Voxel Analysis. <i>Frontiers in Oncology</i> , 2020, 10, 564068. | 2.8 | 4 |
| 50 | Radiotherapy for nonagenarians: the value of biological versus chronological age. <i>Radiation Oncology</i> , 2020, 15, 113. | 2.7 | 12 |
| 51 | Oncology Informatics: Status Quo and Outlook. <i>Oncology</i> , 2020, 98, 329-331. | 1.9 | 7 |
| 52 | Multipotent mesenchymal stromal cells are sensitive to thermic stress — potential implications for therapeutic hyperthermia. <i>International Journal of Hyperthermia</i> , 2020, 37, 430-441. | 2.5 | 7 |
| 53 | The utility of multiparametric MRI to characterize hypoxic tumor subvolumes in comparison to FMISO PET/CT. Consequences for diagnosis and chemoradiation treatment planning in head and neck cancer. <i>Radiotherapy and Oncology</i> , 2020, 150, 128-135. | 0.6 | 28 |
| 54 | Real-time 4DMRI-based internal target volume definition for moving lung tumors. <i>Medical Physics</i> , 2020, 47, 1431-1442. | 3.0 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Impact of a low FODMAP diet on the amount of rectal gas and rectal volume during radiotherapy in patients with prostate cancer – a prospective pilot study. <i>Radiation Oncology</i> , 2020, 15, 27. | 2.7 | 7 |
| 56 | Radiotherapy for geriatric head-and-neck cancer patients: what is the value of standard treatment in the elderly?. <i>Radiation Oncology</i> , 2020, 15, 31. | 2.7 | 51 |
| 57 | Intraindividual comparison between ⁶⁸ Ga-PSMA-PET/CT and mpMRI for intraprostatic tumor delineation in patients with primary prostate cancer: a retrospective analysis in 101 patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2796-2803. | 6.4 | 27 |
| 58 | Radiotherapeutic management of cervical lymph node metastases from an unknown primary site – experiences from a large cohort treated with modern radiation techniques. <i>Radiation Oncology</i> , 2020, 15, 80. | 2.7 | 7 |
| 59 | The value of moderate dose escalation for re-irradiation of recurrent or second primary head-and-neck cancer. <i>Radiation Oncology</i> , 2020, 15, 81. | 2.7 | 21 |
| 60 | App-Controlled Treatment Monitoring and Support for Head and Neck Cancer Patients (APCOT): Protocol for a Prospective Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2020, 9, e21693. | 1.0 | 12 |
| 61 | Predicting Biochemical Failure in Irradiated Patients With Prostate Cancer by Tumour Volume Measured by Multiparametric MRI. <i>In Vivo</i> , 2020, 34, 3473-3481. | 1.3 | 0 |
| 62 | Mesenchymal stem cells preserve their stem cell traits after exposure to antimetabolite chemotherapy. <i>Stem Cell Research</i> , 2019, 40, 101536. | 0.7 | 18 |
| 63 | Carbon-ion irradiation overcomes HPV-integration/E2 gene-disruption induced radioresistance of cervical keratinocytes. <i>Journal of Radiation Research</i> , 2019, 60, 564-572. | 1.6 | 4 |
| 64 | Differential response of esophageal cancer cells to particle irradiation. <i>Radiation Oncology</i> , 2019, 14, 119. | 2.7 | 9 |
| 65 | Dosimetric Impact of Interfractional Variations in Prostate Cancer Radiotherapy – Implications for Imaging Frequency and Treatment Adaptation. <i>Frontiers in Oncology</i> , 2019, 9, 940. | 2.8 | 20 |
| 66 | Paravertebral Muscle Training in Patients with Unstable Spinal Metastases Receiving Palliative Radiotherapy: An Exploratory Randomized Feasibility Trial. <i>Cancers</i> , 2019, 11, 1771. | 3.7 | 17 |
| 67 | [⁶⁸ Ga]-PSMA-11 PET/CT and multiparametric MRI for gross tumor volume delineation in a slice by slice analysis with whole mount histopathology as a reference standard – Implications for focal radiotherapy planning in primary prostate cancer. <i>Radiotherapy and Oncology</i> , 2019, 141, 214-219. | 0.6 | 83 |
| 68 | Stability and survival analysis of elderly patients with osteolytic spinal bone metastases after palliative radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 1074-1085. | 2.0 | 10 |
| 69 | The impact of vaginal dilator use on vaginal stenosis and sexual quality of life in women treated with adjuvant radiotherapy for endometrial cancer. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 902-912. | 2.0 | 13 |
| 70 | The Therapeutic Potential of Mesenchymal Stromal Cells in the Treatment of Chemotherapy-Induced Tissue Damage. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 356-373. | 5.6 | 24 |
| 71 | Towards optimal stopping in radiation therapy. <i>Radiotherapy and Oncology</i> , 2019, 134, 96-100. | 0.6 | 10 |
| 72 | Human mesenchymal stem cells are resistant to UV-B irradiation. <i>Scientific Reports</i> , 2019, 9, 20000. | 3.3 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Dosimetric Impact of Interfractional Variations for Post-prostatectomy Radiotherapy to the Prostatic Fossa—Relevance for the Frequency of Position Verification Imaging and Treatment Adaptation. <i>Frontiers in Oncology</i> , 2019, 9, 1191. | 2.8 | 5 |
| 74 | Cell Cycle-specific Measurement of γ H2AX and Apoptosis After Genotoxic Stress by Flow Cytometry. <i>Journal of Visualized Experiments</i> , 2019, , . | 0.3 | 7 |
| 75 | Radiotherapy-induced heart disease: a review of the literature. <i>Precision Clinical Medicine</i> , 2019, 2, 270-282. | 3.3 | 15 |
| 76 | DNA damage response of clinical carbon ion versus photon radiation in human glioblastoma cells. <i>Radiotherapy and Oncology</i> , 2019, 133, 77-86. | 0.6 | 31 |
| 77 | Automatic Tumor Segmentation With a Convolutional Neural Network in Multiparametric MRI: Influence of Distortion Correction. <i>Tomography</i> , 2019, 5, 292-299. | 1.8 | 11 |
| 78 | The Radiation Resistance of Human Multipotent Mesenchymal Stromal Cells Is Independent of Their Tissue of Origin. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 1259-1269. | 0.8 | 26 |
| 79 | Prospective feasibility analysis of a novel off-line approach for MR-guided radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 425-434. | 2.0 | 23 |
| 80 | Human mesenchymal stem cells lose their functional properties after paclitaxel treatment. <i>Scientific Reports</i> , 2018, 8, 312. | 3.3 | 32 |
| 81 | Effect of radiochemotherapy on T2* MRI in HNSCC and its relation to FMISO PET derived hypoxia and FDG PET. <i>Radiation Oncology</i> , 2018, 13, 159. | 2.7 | 26 |
| 82 | Sacral insufficiency fractures after high-dose carbon-ion based radiotherapy of sacral chordomas. <i>Radiation Oncology</i> , 2018, 13, 154. | 2.7 | 14 |
| 83 | The influence of fractionated radiotherapy on the stability of spinal bone metastases: a retrospective analysis from 1047 cases. <i>Radiation Oncology</i> , 2018, 13, 134. | 2.7 | 13 |
| 84 | Randomized phase II trial evaluating pain response in patients with spinal metastases following stereotactic body radiotherapy versus three-dimensional conformal radiotherapy. <i>Radiotherapy and Oncology</i> , 2018, 128, 274-282. | 0.6 | 155 |
| 85 | The current understanding of mesenchymal stem cells as potential attenuators of chemotherapy-induced toxicity. <i>International Journal of Cancer</i> , 2018, 143, 2628-2639. | 5.1 | 31 |
| 86 | Quality of Life Following Stereotactic Body Radiotherapy <i>versus</i> Three-Dimensional Conformal Radiotherapy for Vertebral Metastases: Secondary Analysis of an Exploratory Phase II Randomized Trial. <i>Anticancer Research</i> , 2018, 38, 4961-4968. | 1.1 | 27 |
| 87 | Linear accelerator-based stereotactic fractionated photon radiotherapy as an eye-conserving treatment for uveal melanoma. <i>Radiation Oncology</i> , 2018, 13, 140. | 2.7 | 20 |
| 88 | One decade of glioblastoma multiforme surgery in 342 elderly patients: what have we learned?. <i>Journal of Neuro-Oncology</i> , 2018, 140, 385-391. | 2.9 | 31 |
| 89 | Intensity-modulated radiotherapy with integrated-boost in patients with bone metastasis of the spine: study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 59. | 1.6 | 10 |
| 90 | Supportive Care in Radiotherapy Based on a Mobile App: Prospective Multicenter Survey. <i>JMIR MHealth and UHealth</i> , 2018, 6, e10916. | 3.7 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Oncologic Therapy Support Via Means of a Dedicated Mobile App (OPTIMISE-1): Protocol for a Prospective Pilot Trial. JMIR Research Protocols, 2018, 7, e70. | 1.0 | 11 |
| 92 | Percutaneous parametrial dose escalation in women with advanced cervical cancer: feasibility and efficacy in relation to long-term quality of life. Radiology and Oncology, 2018, 52, 320-328. | 1.7 | 2 |
| 93 | Radiation-induced toxicity after image-guided and intensity-modulated radiotherapy versus external beam radiotherapy for patients with spinal bone metastases (IRON-1): a study protocol for a randomized controlled pilot trial. Trials, 2017, 18, 98. | 1.6 | 3 |
| 94 | Effects of CTGF Blockade on Attenuation and Reversal of Radiation-Induced Pulmonary Fibrosis. Journal of the National Cancer Institute, 2017, 109, . | 6.3 | 106 |
| 95 | Stability of Spinal Bone Lesions in Patients With Multiple Myeloma After Radiotherapyâ€”A Retrospective Analysis of 130 Cases. Clinical Lymphoma, Myeloma and Leukemia, 2017, 17, e99-e107. | 0.4 | 7 |
| 96 | Differentiated resistance training of the paravertebral muscles in patients with unstable spinal bone metastasis under concomitant radiotherapy: study protocol for a randomized pilot trial. Trials, 2017, 18, 155. | 1.6 | 7 |
| 97 | Spinal bone metastases in colorectal cancer: a retrospective analysis of stability, prognostic factors and survival after palliative radiotherapy. Radiation Oncology, 2017, 12, 115. | 2.7 | 17 |
| 98 | Survival and stability of patients with urothelial cancer and spinal bone metastases after palliative radiotherapy. Radiology and Oncology, 2017, 52, 189-194. | 1.7 | 4 |
| 99 | Low-dose photon irradiation induces invasiveness through the SDF-1 α /CXCR4 pathway in malignant mesothelioma cells. Oncotarget, 2017, 8, 68001-68011. | 1.8 | 4 |
| 100 | Cisplatin radiosensitizes radioresistant human mesenchymal stem cells. Oncotarget, 2017, 8, 87809-87820. | 1.8 | 14 |
| 101 | Mesenchymal stem cells are sensitive to bleomycin treatment. Scientific Reports, 2016, 6, 26645. | 3.3 | 46 |
| 102 | Superresolution light microscopy shows nanostructure of carbon ion radiationâ€”induced DNA doubleâ€”strand break repair foci. FASEB Journal, 2016, 30, 2767-2776. | 0.5 | 39 |
| 103 | Mesenchymal stem cells maintain their defining stem cell characteristics after treatment with cisplatin. Scientific Reports, 2016, 6, 20035. | 3.3 | 33 |
| 104 | High dose-rate endoluminal brachytherapy for primary and recurrent esophageal cancer. Strahlentherapie Und Onkologie, 2016, 192, 458-466. | 2.0 | 12 |
| 105 | Intraoperative electron radiation therapy combined with external beam radiation therapy and limb sparing surgery in extremity soft tissue sarcoma: a retrospective single center analysis of 183 cases. Radiotherapy and Oncology, 2016, 119, 22-29. | 0.6 | 31 |
| 106 | Combined inhibition of TGF β ² and PDGF signaling attenuates radiation-induced pulmonary fibrosis. Oncolmmunology, 2016, 5, e1123366. | 4.6 | 68 |
| 107 | Mesenchymal stem cells exhibit resistance to topoisomerase inhibition. Cancer Letters, 2016, 374, 75-84. | 7.2 | 21 |
| 108 | Long-term results in malignant pleural mesothelioma treated with neoadjuvant chemotherapy, extrapleural pneumonectomy and intensity-modulated radiotherapy. Radiation Oncology, 2015, 10, 267. | 2.7 | 58 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 109 | Mesenchymal stem cells – A new hope for radiotherapy-induced tissue damage?. <i>Cancer Letters</i> , 2015, 366, 133-140. | 7.2 | 83 |
| 110 | Real-time markerless lung tumor tracking in fluoroscopic video: Handling overlapping of projected structures. <i>Medical Physics</i> , 2015, 42, 2540-2549. | 3.0 | 19 |
| 111 | Mesenchymal stem cells are resistant to carbon ion radiotherapy. <i>Oncotarget</i> , 2015, 6, 2076-2087. | 1.8 | 39 |
| 112 | Radio-resistant mesenchymal stem cells: mechanisms of resistance and potential implications for the clinic. <i>Oncotarget</i> , 2015, 6, 19366-19380. | 1.8 | 72 |
| 113 | Combined use of (18)F-FDG and (18)F-FMISO in unresectable non-small cell lung cancer patients planned for radiotherapy: a dynamic PET/CT study. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 5, 127-42. | 1.0 | 24 |
| 114 | Intensity modulated radiotherapy (IMRT) with concurrent chemotherapy as definitive treatment of locally advanced esophageal cancer. <i>Radiation Oncology</i> , 2014, 9, 191. | 2.7 | 50 |
| 115 | Mesenchymal stem cells are sensitive to treatment with kinase inhibitors and ionizing radiation. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 1037-1045. | 2.0 | 13 |
| 116 | Mesenchymal Stem Cells Retain Their Defining Stem Cell Characteristics After Exposure to Ionizing Radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 1171-1178. | 0.8 | 70 |
| 117 | Translating the combination of TGF β 2 blockade and radiotherapy into clinical development in glioblastoma. <i>Oncoimmunology</i> , 2012, 1, 943-945. | 4.6 | 11 |
| 118 | Inverse system perturbations as a new methodology for identifying transcriptomic signaling participants in balanced biological processes. <i>Cell Cycle</i> , 2009, 8, 2718-2722. | 2.6 | 6 |
| 119 | Human Glioblastoma and Carcinoma Xenograft Tumors Treated by Combined Radiation and Imatinib (Gleevec®). <i>Strahlentherapie Und Onkologie</i> , 2006, 182, 400-407. | 2.0 | 45 |
| 120 | Trimodal Cancer Treatment: Beneficial Effects of Combined Antiangiogenesis, Radiation, and Chemotherapy. <i>Cancer Research</i> , 2005, 65, 3643-3655. | 0.9 | 171 |
| 121 | Endostatin: The logic of antiangiogenic therapy. <i>Drug Resistance Updates</i> , 2005, 8, 59-74. | 14.4 | 100 |
| 122 | Genome Wide Expression Profiling of Angiogenic Signaling and the Heisenberg Uncertainty Principle. <i>Cell Cycle</i> , 2004, 3, 1348-1351. | 2.6 | 8 |
| 123 | Apoptosis signals in lymphoblasts induced by focused ultrasound. <i>FASEB Journal</i> , 2004, 18, 1413-1414. | 0.5 | 58 |