

# Andrea Wittig

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,985  
citations

279798

23  
h-index

254184

43  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety and Efficacy of Stereotactic Body Radiotherapy for Stage I Non-Small-Cell Lung Cancer in Routine Clinical Practice: A Patterns-of-Care and Outcome Analysis. <i>Journal of Thoracic Oncology</i> , 2013, 8, 1050-1058.	1.1	179
2	Stereotactic radiosurgery for treatment of brain metastases. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 521-532.	2.0	179
3	Stereotactic body radiotherapy (SBRT) for medically inoperable lung metastases—A pooled analysis of the German working group “stereotactic radiotherapy”. <i>Lung Cancer</i> , 2016, 97, 51-58.	2.0	128
4	Boron analysis and boron imaging in biological materials for Boron Neutron Capture Therapy (BNCT). <i>Critical Reviews in Oncology/Hematology</i> , 2008, 68, 66-90.	4.4	117
5	Applicability of the linear-quadratic formalism for modeling local tumor control probability in high dose per fraction stereotactic body radiotherapy for early stage non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2013, 109, 13-20.	0.6	103
6	Local tumor control probability modeling of primary and secondary lung tumors in stereotactic body radiotherapy. <i>Radiotherapy and Oncology</i> , 2016, 118, 485-491.	0.6	101
7	Increased radiosensitivity of HPV-positive head and neck cancer cell lines due to cell cycle dysregulation and induction of apoptosis. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 839-846.	2.0	98
8	Contemporary Management of Benign and Malignant Parotid Tumors. <i>Frontiers in Surgery</i> , 2018, 5, 39.	1.4	83
9	Uptake of two <sup>10</sup> B-compounds in liver metastases of colorectal adenocarcinoma for extracorporeal irradiation with boron neutron capture therapy (EORTC Trial 11001). <i>International Journal of Cancer</i> , 2008, 122, 1164-1171.	5.1	63
10	Support Vector Machine-Based Prediction of Local Tumor Control After Stereotactic Body Radiation Therapy for Early-Stage Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 732-738.	0.8	54
11	Tissue uptake of BSH in patients with glioblastoma in the EORTC 11961 phase I BNCT trial. <i>Journal of Neuro-Oncology</i> , 2003, 62, 145-156.	2.9	52
12	Stereotactic body radiotherapy for centrally located stage I NSCLC. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 125-132.	2.0	52
13	Stereotactic body radiotherapy (SBRT) for pulmonary metastases from renal cell carcinoma—a multicenter analysis of the German working group “Stereotactic Radiotherapy”. <i>Journal of Thoracic Disease</i> , 2017, 9, 4512-4522.	1.4	43
14	Influence of Institutional Experience and Technological Advances on Outcome of Stereotactic Body Radiation Therapy for Oligometastatic Lung Disease. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 511-520.	0.8	42
15	EORTC trial 11001: distribution of two <sup>10</sup> B-compounds in patients with squamous cell carcinoma of head and neck, a translational research/phase 1 trial. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1653-1665.	3.6	38
16	Radiologic findings in patients treated with boron neutron capture therapy for glioblastoma multiforme within EORTC trial 11961. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 61, 392-399.	0.8	35
17	Challenges in radiobiological modeling: can we decide between LQ and LQ-L models based on reviewed clinical NSCLC treatment outcome data?. <i>Radiation Oncology</i> , 2016, 11, 67.	2.7	34
18	Long-term Follow-up and Patterns of Recurrence of Patients With Oligometastatic NSCLC Treated With Pulmonary SBRT. <i>Clinical Lung Cancer</i> , 2019, 20, e667-e677.	2.6	33

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19	Dual PI3K/mTOR Inhibitor NVP-BE235 Enhances Radiosensitivity of Head and Neck Squamous Cell Carcinoma (HNSCC) Cell Lines Due to Suppressed Double-Strand Break (DSB) Repair by Non-Homologous End Joining. <i>Cancers</i> , 2020, 12, 467.	3.7	33
20	Theranostics in Boron Neutron Capture Therapy. <i>Life</i> , 2021, 11, 330.	2.4	32
21	Increased sensitivity of HPV-positive head and neck cancer cell lines to x-irradiation $\pm$ Cisplatin due to decreased expression of E6 and E7 oncoproteins and enhanced apoptosis. <i>American Journal of Cancer Research</i> , 2015, 5, 1017-31.	1.4	29
22	Laser postionization secondary neutral mass spectrometry in tissue: a powerful tool for elemental and molecular imaging in the development of targeted drugs. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1763-1771.	4.1	28
23	Gender Disparities in Epidemiology, Treatment, and Outcome for Head and Neck Cancer in Germany: A Population-Based Long-Term Analysis from 1996 to 2016 of the Thuringian Cancer Registry. <i>Cancers</i> , 2020, 12, 3418.	3.7	27
24	Urinary Proteomics Profiles Are Useful for Detection of Cancer Biomarkers and Changes Induced by Therapeutic Procedures. <i>Molecules</i> , 2019, 24, 794.	3.8	25
25	Quality of life after stereotactic radiotherapy for meningioma: a prospective non-randomized study. <i>Journal of Neuro-Oncology</i> , 2013, 113, 135-141.	2.9	24
26	Stereotactic or conformal radiotherapy for adrenal metastases: Patient characteristics and outcomes in a multicenter analysis. <i>International Journal of Cancer</i> , 2021, 149, 358-370.	5.1	24
27	Preparation of cells cultured on silicon wafers for mass spectrometry analysis. <i>Microscopy Research and Technique</i> , 2005, 66, 248-258.	2.2	22
28	Safety and Efficacy of Botulinum Toxin to Preserve Gland Function after Radiotherapy in Patients with Head and Neck Cancer: A Prospective, Randomized, Placebo-Controlled, Double-Blinded Phase I Clinical Trial. <i>PLoS ONE</i> , 2016, 11, e0151316.	2.5	20
29	Metabolism of borono-phenylalanine-fructose complex (BPA-fr) and borocaptate sodium (BSH) in cancer patients—Results from EORTC trial 11001. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 284-287.	2.8	19
30	Bayesian Cure Rate Modeling of Local Tumor Control: Evaluation in Stereotactic Body Radiation Therapy for Pulmonary Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 841-849.	0.8	19
31	Sodium mercaptoundecahydro-closo-dodecaborate (BSH), a boron carrier that merits more attention. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1760-1764.	1.5	18
32	Neutron Activation of Patients Following Boron Neutron Capture Therapy of Brain Tumors at the High Flux Reactor (HFR) Petten (EORTC Trials 11961 and 11011). <i>Strahlentherapie Und Onkologie</i> , 2005, 181, 774-782.	2.0	17
33	Roscovitine strongly enhances the effect of olaparib on radiosensitivity for HPV neg. but not for HPV pos. HNSCC cell lines. <i>Oncotarget</i> , 2017, 8, 105170-105183.	1.8	17
34	Electron Irradiation of Conjunctival Lymphoma—Monte Carlo Simulation of the Minute Dose Distribution and Technique Optimization. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 1330-1337.	0.8	15
35	Biodistribution of $^{10}\text{B}$ for Boron Neutron Capture Therapy (BNCT) in a Mouse Model after Injection of Sodium Mercaptoundecahydro-closo-dodecaborate and <i>l</i> -Boronophenylalanine. <i>Radiation Research</i> , 2009, 172, 493-499.	1.5	14
36	Reproducibility of target coverage in stereotactic spot scanning proton lung irradiation under high frequency jet ventilation. <i>Radiotherapy and Oncology</i> , 2013, 109, 45-50.	0.6	14

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37	Stability of 10B-l-boronophenylalanine-fructose injection. American Journal of Health-System Pharmacy, 2005, 62, 2608-2610.	1.0	12
38	Dosimetric impact of reduced nozzle-to-isocenter distance in intensity-modulated proton therapy of intracranial tumors in combined proton-carbon fixed-nozzle treatment facilities. Radiation Oncology, 2013, 8, 218.	2.7	11
39	Robustness Against Interfraction Prostate Movement in Scanned Ion Beam Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2012, 84, e257-e262.	0.8	10
40	Drugs for BNCT: BSH and BPA. , 2012, , 117-160.		10
41	Dosimetric comparisons of carbon ion treatment plans for 1D and 2D ripple filters with variable thicknesses. Physics in Medicine and Biology, 2016, 61, 4327-4341.	3.0	9
42	In HPV-Positive HNSCC Cells, Functional Restoration of the p53/p21 Pathway by Proteasome Inhibitor Bortezomib Does Not Affect Radio- or Chemosensitivity. Translational Oncology, 2019, 12, 417-425.	3.7	9
43	Influence of adjuvant radiotherapy on circulating epithelial tumor cells and circulating cancer stem cells in primary non-metastatic breast cancer. Translational Oncology, 2021, 14, 101009.	3.7	9
44	Glioblastoma, brain metastases and soft tissue sarcoma of extremities: Candidate tumors for BNCT. Applied Radiation and Isotopes, 2014, 88, 46-49.	1.5	8
45	Dosimetric consequences of intrafraction prostate motion in scanned ion beam radiotherapy. Radiotherapy and Oncology, 2014, 112, 100-105.	0.6	8
46	EELS Spectrum-imaging for Boron Detection in Biological Cryofixed Tissues. Instrumentation Science and Technology, 2005, 33, 631-644.	1.8	7
47	Role of Intraparotid and Neck Lymph Node Metastasis in Primary Parotid Cancer Surgery: A Population-Based Analysis. Cancers, 2022, 14, 2822.	3.7	7
48	Hyperfractionated Accelerated Radiotherapy versus Conventional Fractionation Both Combined with Chemotherapy in Patients with Locally Advanced Head and Neck Carcinomas. Oncology, 2009, 76, 405-412.	1.9	6
49	Changes in the radiological depth correlate with dosimetric deterioration in particle therapy for stage I NSCLC patients under high frequency jet ventilation. Acta Oncologica, 2015, 54, 1631-1637.	1.8	6
50	Validation of new 2D ripple filters in proton treatments of spherical geometries and non-small cell lung carcinoma cases. Physics in Medicine and Biology, 2018, 63, 245020.	3.0	6
51	HPV-negative and HPV-positive HNSCC cell lines show similar numerical but different structural chromosomal aberrations. Head and Neck, 2019, 41, 3869-3879.	2.0	6
52	HPV-positive HNSCC cell lines show strongly enhanced radiosensitivity after photon but not after carbon ion irradiation. Radiotherapy and Oncology, 2020, 151, 134-140.	0.6	6
53	Long-Term Facial Nerve Outcome in Primary Parotid Cancer Surgery: A Population-Based Analysis. Laryngoscope, 2021, 131, 2694-2700.	2.0	6
54	BPA uptake does not correlate with LAT1 and Ki67 expressions in tumor samples (results of EORTC trial) Tj ETQq0 Q00 rgBT /Qverlock 10	1.5	5

#	ARTICLE	IF	CITATIONS
55	Stereotactic body radiotherapy of adrenal metastasesâ€”A doseâ€“finding study. International Journal of Cancer, 2022, 151, 412-421.	5.1	4
56	Monte Carlo Simulation of the Treatment of Uveal Melanoma Using Measured Heterogeneous 106Ru Plaques. Ocular Oncology and Pathology, 2019, 5, 276-283.	1.0	3
57	Early Mortality among Patients with Head and Neck Cancer Diagnosed in Thuringia, Germany, between 1996 and 2016â€”A Population-Based Study. Cancers, 2022, 14, 3099.	3.7	3
58	Prospective Monitoring of Circulating Epithelial Tumor Cells (CETC) Reveals Changes in Gene Expression during Adjuvant Radiotherapy of Breast Cancer Patients. Current Oncology, 2021, 28, 3507-3524.	2.2	2
59	Clinical Trials in BNCT: A Challenging Task. , 2012, , 369-376.		1
60	Boron Analysis and Boron Imaging in BNCT. , 2012, , 163-188.		0