

Benjamin H Kann

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,320
citations

471509

17
h-index

361022

35
g-index

53
all docs

53
docs citations

53
times ranked

2301
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional Nanoemulsion Platform for Imaging Guided Therapy Evaluated in Experimental Cancer. <i>ACS Nano</i> , 2011, 5, 4422-4433.	14.6	183
2	Artificial intelligence in radiation oncology. <i>Nature Reviews Clinical Oncology</i> , 2020, 17, 771-781.	27.6	167
3	Pretreatment Identification of Head and Neck Cancer Nodal Metastasis and Extranodal Extension Using Deep Learning Neural Networks. <i>Scientific Reports</i> , 2018, 8, 14036.	3.3	139
4	Artificial intelligence for clinical oncology. <i>Cancer Cell</i> , 2021, 39, 916-927.	16.8	136
5	Multi-Institutional Validation of Deep Learning for Pretreatment Identification of Extranodal Extension in Head and Neck Squamous Cell Carcinoma. <i>Journal of Clinical Oncology</i> , 2020, 38, 1304-1311.	1.6	95
6	Radiosurgery for Brain Metastases: Changing Practice Patterns and Disparities in the United States. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2017, 15, 1494-1502.	4.9	57
7	Postoperative Radiotherapy Patterns of Care and Survival Implications for Medulloblastoma in Young Children. <i>JAMA Oncology</i> , 2016, 2, 1574.	7.1	47
8	PET/CT radiomics signature of human papilloma virus association in oropharyngeal squamous cell carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2978-2991.	6.4	40
9	Adjuvant chemotherapy and overall survival in adult medulloblastoma. <i>Neuro-Oncology</i> , 2017, 19, now150.	1.2	38
10	Radiographic extracapsular extension and treatment outcomes in locally advanced oropharyngeal carcinoma. <i>Head and Neck</i> , 2014, 36, 1689-1694.	2.0	36
11	Potential Added Value of PET/CT Radiomics for Survival Prognostication beyond AJCC 8th Edition Staging in Oropharyngeal Squamous Cell Carcinoma. <i>Cancers</i> , 2020, 12, 1778.	3.7	36
12	Brachytherapy Boost Utilization and Survival in Unfavorable-risk Prostate Cancer. <i>European Urology</i> , 2017, 72, 738-744.	1.9	33
13	Tumor Angiogenesis Phenotyping by Nanoparticle-facilitated Magnetic Resonance and Near-infrared Fluorescence Molecular Imaging. <i>Neoplasia</i> , 2012, 14, 964-973.	5.3	26
14	Impact of obesity on outcomes for patients with head and neck cancer. <i>Oral Oncology</i> , 2018, 83, 11-17.	1.5	26
15	Impact of contralateral lymph nodal involvement and extranodal extension on survival of surgically managed HPV-positive oropharyngeal cancer staged with the AJCC eighth edition. <i>Oral Oncology</i> , 2019, 99, 104447.	1.5	20
16	Stereotactic body radiotherapy with adjuvant systemic therapy for early-stage non-small cell lung carcinoma: A multi-institutional analysis. <i>Radiotherapy and Oncology</i> , 2019, 132, 188-196.	0.6	20
17	Prognostic value of radiographic extracapsular extension in locally advanced head and neck squamous cell cancers. <i>Oral Oncology</i> , 2016, 52, 52-57.	1.5	19
18	Prediction of post-radiotherapy locoregional progression in HPV-associated oropharyngeal squamous cell carcinoma using machine-learning analysis of baseline PET/CT radiomics. <i>Translational Oncology</i> , 2021, 14, 100906.	3.7	19

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19	Changes in Length and Complexity of Clinical Practice Guidelines in Oncology, 1996-2019. JAMA Network Open, 2020, 3, e200841.	5.9	18
20	Inter fractional variability of breathing phase definition as determined by fiducial location. Medical Physics, 2008, 35, 753-763.	3.0	17
21	Artificial Intelligence in Oncology: Current Applications and Future Directions. Oncology, 2019, 33, 46-53.	0.5	14
22	Tolerability, Toxicity, and Temporal Implications of Transoral Robotic Surgery (TORS) on Adjuvant Radiation Therapy in Carcinoma of the Head and Neck. Annals of Otology, Rhinology and Laryngology, 2014, 123, 791-797.	1.1	13
23	Deep-learning system to improve the quality and efficiency of volumetric heart segmentation for breast cancer. Npj Digital Medicine, 2021, 4, 43.	10.9	13
24	Multi-institutional analysis of stereotactic body radiation therapy for operable early-stage non-small cell lung carcinoma. Radiotherapy and Oncology, 2019, 134, 44-49.	0.6	12
25	Clinical Outcomes of Head and Neck Cancer Patients Who Undergo Resection, But Forgo Adjuvant Therapy. Anticancer Research, 2019, 39, 4885-4890.	1.1	9
26	Chemotherapy Versus Supportive Care for Unresected Malignant Pleural Mesothelioma. Clinical Lung Cancer, 2019, 20, 263-269.	2.6	9
27	Differences in patterns of care and outcomes between grade II and grade III molecularly defined 1p19q co-deleted gliomas. Clinical and Translational Radiation Oncology, 2019, 15, 46-52.	1.7	9
28	Quantifying treatment selection bias effect on survival in comparative effectiveness research: findings from low-risk prostate cancer patients. Prostate Cancer and Prostatic Diseases, 2021, 24, 414-422.	3.9	9
29	Deep Learning-based Detection of Intravenous Contrast Enhancement on CT Scans. Radiology: Artificial Intelligence, 2022, 4, .	5.8	9
30	Defining an Intermediate-risk Group for Low-grade Glioma: A National Cancer Database Analysis. Anticancer Research, 2019, 39, 2911-2918.	1.1	8
31	Incidence of radiographically occult nodal metastases in HPV+ oropharyngeal carcinoma: Implications for reducing elective nodal coverage. Practical Radiation Oncology, 2018, 8, 397-403.	2.1	6
32	Does response to induction chemotherapy (IC) predict locoregional control after concurrent chemoradiotherapy (CCRT) in locally advanced head and neck cancer (LAHNC)?. Oral Oncology, 2014, 50, e27-e28.	1.5	5
33	Chest Wall Deformity in the Radiation Oncology Clinic. Anticancer Research, 2016, 36, 5295-5300.	1.1	5
34	Timing and Motivations for Alternative Cancer Therapy With Insights From a Crowdfunding Platform: Cross-sectional Mixed Methods Study. JMIR Cancer, 2022, 8, e34183.	2.4	5
35	Annual Facility Treatment Volume and Patient Survival for Mycosis Fungoides and S�azary Syndrome. Clinical Lymphoma, Myeloma and Leukemia, 2017, 17, 520-526.e2.	0.4	4
36	Underutilization of proton therapy in the treatment of pediatric central nervous system tumors: an analysis of the National Cancer Database. Acta Oncol�gica, 2017, 56, 1122-1125.	1.8	3

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37	Cutaneous T-Cell Lymphoma: Trends in Radiation Doses and Patterns of Care 2004-2015. <i>Anticancer Research</i> , 2019, 39, 253-259.	1.1	3
38	The Clinician's Guide to the Machine Learning Galaxy. <i>Frontiers in Physiology</i> , 2021, 12, 658583.	2.8	3
39	Rates of invasive disease and outcomes in NSCLC patients with biopsy suggestive of carcinoma in situ. <i>Lung Cancer</i> , 2021, 157, 17-20.	2.0	3
40	Standard Tangential Radiation Fields Do Not Provide Incidental Coverage to the Internal Mammary Nodes. <i>Practical Radiation Oncology</i> , 2020, 10, 21-28.	2.1	2
41	Pilot trial of KDO18 with neo-adjuvant concurrent chemo-radiation therapy in patients with locally advanced rectal cancer.. <i>Journal of Clinical Oncology</i> , 2017, 35, e15162-e15162.	1.6	2
42	Reply to A.B. Simon et al. <i>Journal of Clinical Oncology</i> , 2020, 38, 1869-1870.	1.6	1
43	Surgical complications and clinical outcomes after dose-escalated trimodality therapy for non-small cell lung cancer in the era of intensity-modulated radiotherapy. <i>Radiotherapy and Oncology</i> , 2021, 165, 44-51.	0.6	1
44	Dose reduction to dysphagia/aspiration-related structures (DARS) in patients receiving induction chemotherapy (IC) followed by concurrent chemoradiation therapy (CCRT) for locally advanced squamous cell carcinoma of the head and neck (LASCCHN). <i>Journal of Radiation Oncology</i> , 2014, 3, 259-266.	0.7	0
45	DDRE-32. THERAPEUTIC TARGETING OF A NOVEL METABOLIC ADDICTION IN DIFFUSE MIDLINE GLIOMA. <i>Neuro-Oncology Advances</i> , 2021, 3, i13-i13.	0.7	0
46	HGG-38. DE NOVO PYRIMIDINE SYNTHESIS INHIBITION INDUCES REPLICATION CATASTROPHE MEDIATED CELL DEATH IN DIFFUSE MIDLINE GLIOMA. <i>Neuro-Oncology</i> , 2021, 23, i25-i25.	1.2	0
47	Radiographic extracapsular extension (ECE) and treatment outcomes in locally advanced oropharyngeal carcinoma (OPC).. <i>Journal of Clinical Oncology</i> , 2013, 31, 6019-6019.	1.6	0
48	Prognostic value of radiographic extracapsular extension in locally advanced head and neck squamous cell cancers.. <i>Journal of Clinical Oncology</i> , 2014, 32, 6095-6095.	1.6	0
49	Utilization of online crowdfunding for alternative cancer treatments at home and abroad.. <i>Journal of Clinical Oncology</i> , 2020, 38, e14044-e14044.	1.6	0
50	Facility-Level Variation in Use of Locoregional Therapy for Metastatic Prostate Cancer. <i>Urology Practice</i> , 2022, 9, 140-149.	0.5	0
51	PET/CT-Radiomics zur ¼glich zum UICC-Staging k ¼nnten die Prognostik des Progressionsfreien ¼berlebens (PFS) und Gesamt¼berlebens (OS) beim Oropharyngealen Plattenepithelkarzinom (OPSCC) verbessern. <i>Laryngo- Rhino- Otologie</i> , 2022, , .	0.2	0
52	PET/CT radiomics potentially improves progression-free survival (PFS) and overall survival (OS) prognostication beyond UICC TNM staging in oropharyngeal squamous cell carcinoma (OPSCC) patients. <i>Laryngo- Rhino- Otologie</i> , 2022, , .	0.2	0