

Brian C Baumann

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

1,786
citations

279798

23
h-index

302126

39
g-index

91
all docs

91
docs citations

91
times ranked

2792
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Targeting of Brain Tumors with Gold Nanoparticle-Induced Radiosensitization. PLoS ONE, 2013, 8, e62425.	2.5	205
2	Comparative Effectiveness of Proton vs Photon Therapy as Part of Concurrent Chemoradiotherapy for Locally Advanced Cancer. JAMA Oncology, 2020, 6, 237.	7.1	106
3	Theranostic Application of Mixed Gold and Superparamagnetic Iron Oxide Nanoparticle Micelles in Glioblastoma Multiforme. Journal of Biomedical Nanotechnology, 2016, 12, 347-356.	1.1	94
4	Adjuvant Sandwich Chemotherapy Plus Radiotherapy vs Adjuvant Chemotherapy Alone for Locally Advanced Bladder Cancer After Radical Cystectomy. JAMA Surgery, 2018, 153, e174591.	4.3	68
5	Efficacy and safety of stereotactic body radiation therapy for the treatment of pulmonary metastases from sarcoma: A potential alternative to resection. Journal of Surgical Oncology, 2016, 114, 65-69.	1.7	63
6	Management of primary skin cancer during a pandemic: Multidisciplinary recommendations. Cancer, 2020, 126, 3900-3906.	4.1	62
7	Optimizing bladder cancer locoregional failure risk stratification after radical cystectomy using SWOG 8710. Cancer, 2014, 120, 1272-1280.	4.1	60
8	NCCN Guidelines® Insights: Squamous Cell Skin Cancer, Version 1.2022. Journal of the National Comprehensive Cancer Network: JNCCN, 2021, 19, 1382-1394.	4.9	59
9	Bladder Cancer Patterns of Pelvic Failure: Implications for Adjuvant Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2013, 85, 363-369.	0.8	52
10	Neutrophil-to-lymphocyte ratio as a bladder cancer biomarker: Assessing prognostic and predictive value in SWOG 8710. Cancer, 2017, 123, 794-801.	4.1	51
11	Enhancing the Efficacy of Drug-loaded Nanocarriers against Brain Tumors by Targeted Radiation Therapy. Oncotarget, 2013, 4, 64-79.	1.8	51
12	A Novel Risk Stratification to Predict Local-Regional Failures in Urothelial Carcinoma of the Bladder After Radical Cystectomy. International Journal of Radiation Oncology Biology Physics, 2013, 85, 81-88.	0.8	50
13	Development and Validation of Consensus Contouring Guidelines for Adjuvant Radiation Therapy for Bladder Cancer After Radical Cystectomy. International Journal of Radiation Oncology Biology Physics, 2016, 96, 78-86.	0.8	46
14	Urine tumor DNA detection of minimal residual disease in muscle-invasive bladder cancer treated with curative-intent radical cystectomy: A cohort study. PLoS Medicine, 2021, 18, e1003732.	8.4	38
15	Stereotactic Intracranial Implantation and In vivo Bioluminescent Imaging of Tumor Xenografts in a Mouse Model System of Glioblastoma Multiforme. Journal of Visualized Experiments, 2012, , .	0.3	37
16	An Integrated Method for Reproducible and Accurate Image-Guided Stereotactic Cranial Irradiation of Brain Tumors Using the Small Animal Radiation Research Platform. Translational Oncology, 2012, 5, 230-237.	3.7	36
17	Treatment Patterns and Overall Survival Outcomes of Octogenarians with Muscle Invasive Cancer of the Bladder: An Analysis of the National Cancer Database. Journal of Urology, 2018, 199, 416-423.	0.4	36
18	Occult Pelvic Lymph Node Involvement in Bladder Cancer: Implications for Definitive Radiation. International Journal of Radiation Oncology Biology Physics, 2014, 88, 603-610.	0.8	35

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19	Stereotactic Body Radiation Therapy (SBRT) for Hepatocellular Carcinoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2018, 41, 1118-1124.	1.3	32
20	Abscopal Effect Following Proton Beam Radiotherapy in a Patient With Inoperable Metastatic Retroperitoneal Sarcoma. <i>Frontiers in Oncology</i> , 2019, 9, 922.	2.8	32
21	Treatment Patterns and Survival Outcomes for Patients with Small Cell Carcinoma of the Bladder. <i>European Urology Focus</i> , 2018, 4, 900-906.	3.1	30
22	Urinary schistosomiasis and the associated bladder cancer: update. <i>Journal of the Egyptian National Cancer Institute</i> , 2020, 32, 44.	1.5	28
23	Risk factors for loco-regional recurrence after radical cystectomy of muscle-invasive bladder cancer: A systematic-review and framework for adjuvant radiotherapy. <i>Cancer Treatment Reviews</i> , 2018, 70, 88-97.	7.7	26
24	A prospective clinical trial of proton therapy for chordoma and chondrosarcoma: Feasibility assessment. <i>Journal of Surgical Oncology</i> , 2019, 120, 200-205.	1.7	25
25	Multi-institutional analysis of stereotactic body radiotherapy for sarcoma pulmonary metastases: High rates of local control with favorable toxicity. <i>Journal of Surgical Oncology</i> , 2020, 122, 877-883.	1.7	24
26	Salvage of locally recurrent prostate cancer after external beam radiation using reduced-dose brachytherapy with neoadjuvant plus adjuvant androgen deprivation. <i>Brachytherapy</i> , 2017, 16, 291-298.	0.5	22
27	The Rationale for Post-Operative Radiation in Localized Bladder Cancer. <i>Bladder Cancer</i> , 2017, 3, 19-30.	0.4	22
28	A Brief Review of Low-Dose Rate (LDR) and High-Dose Rate (HDR) Brachytherapy Boost for High-Risk Prostate. <i>Frontiers in Oncology</i> , 2019, 9, 1378.	2.8	20
29	Adjuvant Radiation for Locally Advanced Bladder Cancer? A Question Worth Asking. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 1040-1042.	0.8	19
30	Association Between Surgical Margins Larger Than 1 cm and Overall Survival in Patients With Merkel Cell Carcinoma. <i>JAMA Dermatology</i> , 2021, 157, 540.	4.1	19
31	Cardiovascular Events in Men with Prostate Cancer Receiving Hormone Therapy: An Analysis of the FDA Adverse Event Reporting System (FAERS). <i>Journal of Urology</i> , 2021, 206, 613-622.	0.4	18
32	A propensity analysis comparing definitive chemo-radiotherapy for muscle-invasive squamous cell carcinoma of the bladder vs. urothelial carcinoma of the bladder using the National Cancer Database. <i>Clinical and Translational Radiation Oncology</i> , 2019, 15, 38-41.	1.7	17
33	Avoiding skin creams right before radiation: Myth or sound advice?. <i>Journal of Clinical Oncology</i> , 2015, 33, 51-51.	1.6	17
34	Adjuvant radiation therapy for bladder cancer: A dosimetric comparison of techniques. <i>Medical Dosimetry</i> , 2015, 40, 372-377.	0.9	16
35	Validating a Local Failure Risk Stratification for Use in Prospective Studies of Adjuvant Radiation Therapy for Bladder Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 703-706.	0.8	14
36	Radiomics-guided therapy for bladder cancer: Using an optimal biomarker approach to determine extent of bladder cancer invasion from t2-weighted magnetic resonance images. <i>Advances in Radiation Oncology</i> , 2018, 3, 331-338.	1.2	14

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37	Adjuvant radiotherapy for pathological high-risk muscle invasive bladder cancer: time to reconsider?. <i>Translational Andrology and Urology</i> , 2016, 5, 702-710.	1.4	13
38	Compliance with sentinel lymph node biopsy guidelines for invasive melanomas treated with Mohs micrographic surgery. <i>Cancer</i> , 2021, 127, 3591-3598.	4.1	13
39	Assessing the Validity of Clinician Advice That Patients Avoid Use of Topical Agents Before Daily Radiotherapy Treatments. <i>JAMA Oncology</i> , 2018, 4, 1742.	7.1	12
40	Effectiveness of postoperative radiotherapy after radical cystectomy for locally advanced bladder cancer. <i>Cancer Medicine</i> , 2019, 8, 3698-3709.	2.8	12
41	Practical considerations for quantitative clinical SPECT/CT imaging of alpha particle emitting radioisotopes. <i>Theranostics</i> , 2021, 11, 9721-9737.	10.0	12
42	Single fraction high-dose-rate brachytherapy as monotherapy for low and intermediate risk prostate cancer: toxicities and early outcomes from a single institutional experience. <i>Journal of Contemporary Brachytherapy</i> , 2019, 11, 399-408.	0.9	11
43	Regional lymph node irradiation in locally advanced Merkel cell carcinoma reduces regional and distant relapse and improves disease-specific survival. <i>Radiotherapy and Oncology</i> , 2021, 155, 246-253.	0.6	11
44	Laparoscopic Versus Open Resection for Gastrointestinal Stromal Tumors (GISTs). <i>Journal of Gastrointestinal Cancer</i> , 2017, 48, 20-24.	1.3	10
45	Palliative radiation therapy (RT) for prostate cancer patients with bone metastases at diagnosis: A hospital-based analysis of patterns of care, RT fractionation scheme, and overall survival. <i>Cancer Medicine</i> , 2018, 7, 4240-4250.	2.8	10
46	Anesthesia for ocular trauma. <i>Current Anaesthesia and Critical Care</i> , 2010, 21, 184-188.	0.3	9
47	Review of hypo-fractionated radiotherapy for localized muscle invasive bladder cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 142, 76-85.	4.4	9
48	The Importance of Temporary Telehealth Parity Laws to Improve Public Health During COVID-19 and Future Pandemics. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 362-363.	0.8	9
49	Treatment patterns of high-dose-rate and low-dose-rate brachytherapy as monotherapy for prostate cancer. <i>Journal of Contemporary Brachytherapy</i> , 2019, 11, 320-328.	0.9	8
50	Reduced Wide Local Excision Margins are Associated with Increased Risk of Relapse and Death from Merkel Cell Carcinoma. <i>Annals of Surgical Oncology</i> , 2021, 28, 3312-3319.	1.5	8
51	Astrocyte-elevated gene-1 (AEG-1): Glioblastoma's helping hand during times of hypoxia and glucose deprivation?. <i>Cancer Biology and Therapy</i> , 2011, 11, 40-42.	3.4	7
52	Management of Muscle-Invasive Bladder Cancer During a Pandemic: Impact of Treatment Delay on Survival Outcomes for Patients Treated With Definitive Concurrent Chemoradiotherapy. <i>Clinical Genitourinary Cancer</i> , 2021, 19, 41-46.e1.	1.9	7
53	Quantitative Analysis of Practice Size Consolidation in Radiation Oncology: A Trend Toward Bigger and Fewer Practices. <i>Practical Radiation Oncology</i> , 2021, 11, 328-338.	2.1	7
54	Emotional support animals on commercial flights: a risk to allergic patients. <i>Lancet Respiratory Medicine</i> , 2016, 4, 544-545.	10.7	6

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55	Impact of Facility Radiation Patient Volume on Overall Survival in Patients with Muscle Invasive Bladder Cancer Undergoing Trimodality Bladder Preservation Therapy. <i>Bladder Cancer</i> , 2019, 5, 235-244.	0.4	6
56	Development and validation of contouring guidelines for post-cystectomy adjuvant radiation of bladder cancer.. <i>Journal of Clinical Oncology</i> , 2016, 34, 409-409.	1.6	6
57	Feasibility of Same-Day Prostate Fiducial Markers, Perirectal Hydrogel Spacer Placement, and Computed Tomography and Magnetic Resonance Imaging Simulation for External Beam Radiation Therapy for Low-Risk and Intermediate-Risk Prostate Cancer. <i>Practical Radiation Oncology</i> , 2022, 12, e117-e122.	2.1	5
58	Association Between Local Radiation Therapy to the Primary Bladder Tumor and Overall Survival for Patients with Metastatic Urothelial Cancer Receiving Systemic Chemotherapy. <i>European Urology Oncology</i> , 2022, 5, 246-250.	5.4	5
59	Avoiding antiperspirants during breast radiation therapy: Myth or sound advice?. <i>Radiotherapy and Oncology</i> , 2017, 124, 204-207.	0.6	4
60	Review: Brain Metastases in Bladder Cancer. <i>Bladder Cancer</i> , 2020, 6, 237-248.	0.4	4
61	A Projection-Domain Low-Count Quantitative SPECT Method for ^{67}Ga -Particle-Emitting Radiopharmaceutical Therapy. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2023, 7, 62-74.	3.7	4
62	Concurrent chemo-radiotherapy with proton therapy: reduced toxicity with comparable oncological outcomes vs photon chemo-radiotherapy. <i>British Journal of Cancer</i> , 2020, 123, 869-870.	6.4	3
63	False-positive pregnancy test secondary to ectopic expression of human chorionic gonadotropin by a gastrointestinal stromal tumor. <i>Journal of Surgical Oncology</i> , 2020, 122, 809-812.	1.7	3
64	Technical Report: Development and Implementation of an Open Source Template Interpretation Class Library for Automated Treatment Planning. <i>Practical Radiation Oncology</i> , 2022, 12, e153-e160.	2.1	3
65	Re: Anatomical Patterns of Recurrence following Biochemical Relapse in the Dose Escalation Era of External Beam Radiotherapy for Prostate Cancer. <i>Journal of Urology</i> , 2016, 196, 961-962.	0.4	2
66	Standard Versus Hypofractionated Radiation Therapy for Bladder Cancer: New Insights, but Questions Remain. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 113-116.	0.8	2
67	Mohs Surgical Site Infection Rates and Pathogens for the Mask-Covered Face During the COVID-19 Pandemic Versus the Pre-COVID Era. <i>Dermatologic Surgery</i> , 2021, 47, 1507-1510.	0.8	2
68	Propensity-Weighted Survival Analysis of SBRT vs. Conventional Radiotherapy in Unfavorable Intermediate-Risk Prostate Cancer. <i>Clinical Genitourinary Cancer</i> , 2022, 20, 123-131.	1.9	2
69	Treatment Patterns and Overall Survival Outcomes Among Patients Aged 80 yr or Older with High-risk Prostate Cancer. <i>European Urology Open Science</i> , 2022, 37, 80-89.	0.4	2
70	Assessing the impact of brachytherapy boost and androgen deprivation therapy on survival outcomes for patients with unfavorable intermediate-risk prostate cancer patients treated with external beam radiotherapy. <i>Brachytherapy</i> , 2022, 21, 617-625.	0.5	2
71	Effective Palliation of Intractable Bleeding from Noonan Syndrome-associated Lymphatic Malformations by Radiotherapy. <i>Acta Dermato-Venereologica</i> , 2015, 95, 1009-1010.	1.3	1
72	Palliative single-fraction whole liver radiation therapy for diffuse liver metastases from metastatic Merkel cell carcinoma. <i>Journal of Dermatology</i> , 2020, 47, e375-e376.	1.2	1

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73	Overall survival comparison between androgen deprivation therapy (ADT) plus external beam radiation therapy (EBRT) vs ADT plus EBRT with brachytherapy boost in clinically node-positive prostate cancer. <i>Brachytherapy</i> , 2020, 19, 557-566.	0.5	1
74	Regarding the Use of PSMA PET-CT Versus Conventional Imaging for Assessing the Value of Prophylactic Whole-Pelvis Radiation for High-Risk Prostate Cancer. <i>Journal of Clinical Oncology</i> , 2021, 39, 2847-2848.	1.6	1
75	Assessing Inter-Fraction Changes in The Size and Position of The Penile Bulb During Daily MR-Guided Radiation Therapy to The Prostate Bed: Do We Need to Adjust How We Plan Radiation in The Post-Radical Prostatectomy Setting to Reduce Risk of Erectile Dysfunction?. <i>Clinical Genitourinary Cancer</i> , 2022, , .	1.9	1
76	Survival Outcomes in Men with Unfavorable Intermediate-Risk and High-Risk Prostate Cancer Treated with Prostate-Only versus Whole Pelvic Radiation Therapy. <i>Journal of Urology</i> , 2022, 207, 1227-1235.	0.4	1
77	Assessing the role of external beam radiation therapy in combination with brachytherapy versus brachytherapy alone for unfavorable intermediate-risk prostate cancer. <i>Brachytherapy</i> , 2022, , .	0.5	1
78	In Reply to Leung. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 1128-1129.	0.8	0
79	Favorable long-term toxicity for salvage low-dose rate prostate brachytherapy for recurrent prostate cancer after external beam radiotherapy from a phase II prospective trial (NRG) Tj ETQq1 1 0.784314 rgBT1/@verlock10 Tf 504		
80	Reply to: Dose-escalation of radiation may improve outcomes of squamous cell carcinoma of bladder. <i>Clinical and Translational Radiation Oncology</i> , 2020, 20, 52.	1.7	0
81	A Tailored Radiation Therapy Strategy for Older Patients With Localized Bladder Cancer Not Eligible for Curative Treatment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 425-428.	0.8	0
82	Abstract 547: Urine tumor DNA MRD detection and correlation with pathologic complete response in muscle-invasive bladder cancer treated with curative-intent radical cystectomy. , 2021, , .		0
83	Does the sequence of high-dose rate brachytherapy boost and IMRT for prostate cancer impact early toxicity outcomes? Results from a single institution analysis. <i>Clinical and Translational Radiation Oncology</i> , 2021, 29, 47-53.	1.7	0
84	Optimizing a risk stratification for local-regional failure after radical cystectomy using the SWOG 8710 cohort.. <i>Journal of Clinical Oncology</i> , 2014, 32, 297-297.	1.6	0
85	Validating a local failure risk stratification for use in a prospective study of adjuvant radiation in bladder cancer.. <i>Journal of Clinical Oncology</i> , 2015, 33, 347-347.	1.6	0
86	A Phase I/II Clinical Trial of Proton Therapy for Chordomas and Chondrosarcomas. , 2020, 81, .		0
87	Integrative analysis of urine cell-free DNA for the detection of residual disease in localized bladder cancer patients.. <i>Journal of Clinical Oncology</i> , 2022, 40, 559-559.	1.6	0
88	Survival outcomes in men with unfavorable intermediate-risk and high-risk prostate cancer treated with prostate-only versus whole pelvic radiation therapy.. <i>Journal of Clinical Oncology</i> , 2022, 40, 264-264.	1.6	0
89	Reply by Authors. <i>Journal of Urology</i> , 2022, , 101097JU000000000000245502.	0.4	0
90	Outcomes of Patients With Unfavorable Intermediate-Risk Prostate Cancer Treated With External-Beam Radiotherapy Versus Brachytherapy Alone. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2022, 20, 343-350.e4.	4.9	0