

Benjamin T Cooper

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,204
citations

686830

13
h-index

525886

27
g-index

35
all docs

35
docs citations

35
times ranked

2417
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiotherapy induces responses of lung cancer to CTLA-4 blockade. <i>Nature Medicine</i> , 2018, 24, 1845-1851.	15.2	626
2	Combinations of Immunotherapy and Radiation in Cancer Therapy. <i>Frontiers in Oncology</i> , 2014, 4, 325.	1.3	205
3	Randomized controlled trials and neurosurgery: the ideal fit or should alternative methodologies be considered?. <i>Journal of Neurosurgery</i> , 2016, 124, 558-568.	0.9	60
4	Wilms tumor. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28257.	0.8	38
5	DNA Methylation-Based Classifier for Accurate Molecular Diagnosis of Bone Sarcomas. <i>JCO Precision Oncology</i> , 2017, 2017, 1-11.	1.5	37
6	The 12cc Penn State Pulsatile Pediatric Ventricular Assist Device: Fluid Dynamics Associated With Valve Selection. <i>Journal of Biomechanical Engineering</i> , 2008, 130, 041019.	0.6	27
7	The 12 cc Penn State Pulsatile Pediatric Ventricular Assist Device: Flow Field Observations at a Reduced Beat Rate With Application to Weaning. <i>ASAIO Journal</i> , 2008, 54, 325-331.	0.9	20
8	Development, Implementation, and Use of a Local and Global Clinical Registry for Neurosurgery. <i>Big Data</i> , 2015, 3, 80-89.	2.1	20
9	Prospective Randomized Trial of Prone Accelerated Intensity Modulated Breast Radiation Therapy With a Daily Versus Weekly Boost to the Tumor Bed. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 571-578.	0.4	19
10	Concurrent chemoradiation for high-risk prostate cancer. <i>World Journal of Clinical Oncology</i> , 2015, 6, 35.	0.9	18
11	The Influence of Operational Protocol on the Fluid Dynamics in the 12cc Penn State Pulsatile Pediatric Ventricular Assist Device: The Effect of End-Diastolic Delay. <i>Artificial Organs</i> , 2010, 34, E122-33.	1.0	17
12	Weekly versus every-three-weeks platinum-based chemoradiation regimens for head and neck cancer. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2016, 45, 62.	0.9	16
13	Survival but not brain metastasis response relates to lung cancer mutation status after radiosurgery. <i>Journal of Neuro-Oncology</i> , 2016, 126, 483-491.	1.4	15
14	Hypofractionated Whole-Breast Irradiation in Women Less Than 50 Years Old Treated on 4 Prospective Protocols. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 1159-1167.	0.4	11
15	Improving the Pediatric Patient Experience During Radiation Therapy-A Children's Oncology Group Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 505-514.	0.4	11
16	Randomized controlled trials and neuro-oncology: should alternative designs be considered?. <i>Journal of Neuro-Oncology</i> , 2015, 124, 345-356.	1.4	9
17	Preplanning prediction of the left anterior descending artery maximum dose based on patient, dosimetric, and treatment planning parameters. <i>Advances in Radiation Oncology</i> , 2016, 1, 373-381.	0.6	9
18	Use of a Flexible Inflatable Multi-Channel Applicator for Vaginal Brachytherapy in the Management of Gynecologic Cancer. <i>Frontiers in Oncology</i> , 2015, 5, 201.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Dosimetric assessment of tumor control probability in intensity and volumetric modulated radiotherapy plans. <i>British Journal of Radiology</i> , 2019, 92, 20180471.	1.0	7
20	Dynamic Management of Lung Cancer Care During Surging COVID-19. <i>Frontiers in Surgery</i> , 2021, 8, 663364.	0.6	7
21	The Selective Personalized Radio-immunotherapy for Locally Advanced NSCLC Trial (SPRINT): Initial results.. <i>Journal of Clinical Oncology</i> , 2022, 40, 8510-8510.	0.8	6
22	Toxicity and Disease-Related Outcomes after Radiotherapy for Head and Neck Cancer in Human Immunodeficiency Virus-Positive Patients. <i>Frontiers in Oncology</i> , 2014, 4, 316.	1.3	5
23	Quality of Life in Women Undergoing Breast Irradiation in a Randomized, Controlled Clinical Trial Evaluating Different Tumor Bed Boost Fractionations. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 579-589.	0.4	5
24	PORT in Properly Selected Patients With Completely Resected Non-Small Cell Lung Cancer Should Not Be Quickly Dismissed. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1585-1586.	0.7	3
25	Development of a Comprehensive, Contour-Based, Peer Review Workflow at a Community Proton Center. <i>International Journal of Particle Therapy</i> , 2020, 7, 34-40.	0.9	2
26	TAK-676 in combination with pembrolizumab after radiation therapy in patients (pts) with advanced non-small cell lung cancer (NSCLC), triple-negative breast cancer (TNBC), or squamous-cell carcinoma of the head and neck (SCCHN): Phase 1 study design.. <i>Journal of Clinical Oncology</i> , 2022, 40, TPS2698-TPS2698.	0.8	2
27	Primum Non Nocere: Not All Targetable Lesions Should Be Targeted. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 654-655.	0.4	1
28	Abstract CT243: Phase 1 study of TAK-676 + pembrolizumab following radiation therapy in patients with advanced non-small-cell lung cancer (NSCLC), triple-negative breast cancer (TNBC), or squamous-cell carcinoma of the head and neck (SCCHN). <i>Cancer Research</i> , 2022, 82, CT243-CT243.	0.4	1
29	Dosimetric Comparison of Simultaneous Integrated Boost Regimen Using Flexible Inflatable Multi-Channel Versus Single Channel Vaginal Applicator in the Management of Gynecologic Cancer. <i>Brachytherapy</i> , 2014, 13, S75.	0.2	0
30	Chemotherapy to Spare Cognition. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 544-545.	0.4	0
31	A Fluid Dynamics Study Focusing on Wall Shear Rates Within the Penn State 12 cc Pulsatile Pediatric Ventricular Assist Device: A Comparison of Mechanical Heart Valve Types. , 2007, , .		0
32	The Fluid Dynamic Effects Within the 12cc Penn State Pediatric Ventricular Assist Device When Altering the End Diastolic Delay. , 2009, , .		0
33	The Challenges of Developing a Pediatric Ventricular Assist Device From a Fluid Dynamics Perspective. , 2010, , .		0
34	PATH-44. AN UNUSUAL PRESENTATION OF A PEDIATRIC MIDLINE H3K27M-MUTANT TUMOR WITH DISSEMINATED CRANIOSPINAL LEPTOMENINGEAL DISEASE. <i>Neuro-Oncology</i> , 2020, 22, ii174-ii174.	0.6	0
35	RBIO-01. PROSPECTIVE OBSERVATIONAL STUDY TO DETERMINE THE IMMUNE SYSTEM RESPONSE TO GAMMA KNIFE RADIOSURGERY FOR VESTIBULAR SCHWANNOMAS. <i>Neuro-Oncology</i> , 2020, 22, ii192-ii192.	0.6	0