Rebecca M Howell

List of Publications by Year
in descending order

145 papers	4,357 citations	116194 36 h-index	150775 59 g-index
147 all docs	147 docs citations	147 times ranked	4836 citing authors

#	Article	IF	Citations
1	Subsequent malignant neoplasms in the Childhood Cancer Survivor Study: Occurrence of cancer types in which human papillomavirus is an established etiologic risk factor. Cancer, 2022, 128, 373-382.	2.0	11
2	Primary hypothyroidism in childhood cancer survivors: Prevalence, risk factors, and longâ€term consequences. Cancer, 2022, 128, 606-614.	2.0	11
3	Photon beam modeling variations predict errors in IMRT dosimetry audits. Radiotherapy and Oncology, 2022, 166, 8-14.	0.3	6
4	Body region-specific 3D age-scaling functions for scaling whole-body computed tomography anatomy for pediatric late effects studies. Biomedical Physics and Engineering Express, 2022, 8, 025010.	0.6	0
5	Cardiovascular Family History Increases Risk for Late-Onset Adverse Cardiovascular Outcomes in Childhood Cancer Survivors: A St. Jude Lifetime Cohort Report. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 123-132.	1.1	8
6	The Contribution of Stress and Distress to Cardiovascular Health in Adult Survivors of Childhood Cancer. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 286-294.	1.1	8
7	Cardiac biomarkers and association with subsequent cardiomyopathy and mortality among adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort. Cancer, 2021, 127, 458-466.	2.0	16
8	Psychological, educational, and social late effects in adolescent survivors of Wilms tumor: A report from the Childhood Cancer Survivor Study. Psycho-Oncology, 2021, 30, 349-360.	1.0	9
9	Pediatric Normal Tissue Effects in the Clinic (PENTEC): An International Collaboration to Assess Normal Tissue Radiation Dose-Volume-Response Relationships for Children With Cancer. International Journal of Radiation Oncology Biology Physics, 2021, , .	0.4	10
10	Artificial Intelligenceâ€“Assisted Prediction of Late-Onset Cardiomyopathy Among Childhood Cancer Survivors. JCO Clinical Cancer Informatics, 2021, 5, 459-468.	1.0	11
11	Genetic and treatment risks for diabetes mellitus (DM) in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS) and St. Jude Lifetime (SJLIFE) cohorts.. Journal of Clinical Oncology, 2021, 39, 10014-10014.	0.8	0
12	Development and validation of a prediction model for kidney failure in long-term survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS).. Journal of Clinical Oncology, 2021, 39, 10047-10047.	0.8	0
13	Efficacy and cost-effectiveness of breast cancer (BC) screening in female survivors of childhood Hodgkin lymphoma (HL).. Journal of Clinical Oncology, 2021, 39, 6593-6593.	0.8	0
14	Efficacy of clinical breast examination in chest-irradiated female survivors of childhood Hodgkin lymphoma (HL).. Journal of Clinical Oncology, 2021, 39, 10028-10028.	0.8	0
15	Mortality among five-year survivors of childhood cancer: Results over five decades of follow-up in the Childhood Cancer Survivor Study.. Journal of Clinical Oncology, 2021, 39, 10013-10013.	0.8	1
16	Overall and cardiac-specific mortality following serious cardiovascular events in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS).. Journal of Clinical Oncology, 2021, 39, 12073-12073.	0.8	0
17	Disparities in cardiovascular risk factors by race/ethnicity among adult survivors of childhood cancer: A report from the Childhood Cancer Survivorship Study (CCSS).. Journal of Clinical Oncology, 2021, 39, 10017-10017.	0.8	1
18	Low-dose radiation to cardiac substructures and late-onset cardiac disease: A report from the Childhood Cancer Survivor Study (CCSS).. Journal of Clinical Oncology, 2021, 39, 10027-10027.	0.8	3

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19	Longitudinal Evaluation of Neuromuscular Dysfunction in Long-term Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1536-1545.	1.1	8
20	Clinical and genetic risk factors for radiationâ€associated ototoxicity: A report from the Childhood Cancer Survivor Study and the St. Jude Lifetime Cohort. Cancer, 2021, 127, 4091-4102.	2.0	6
21	Impact of Risk-Adapted Therapy for Pediatric Hodgkin Lymphoma on Risk of Long-Term Morbidity: A Report From the Childhood Cancer Survivor Study. Journal of Clinical Oncology, 2021, 39, 2266-2275.	0.8	16
22	Our Experience Leading a Large Medical Physics Practice During the COVID-19 Pandemic. Advances in Radiation Oncology, 2021, 6, 100683.	0.6	4
23	Cardiac remodeling after anthracycline and radiotherapy exposure in adult survivors of childhood cancer: A report from the St Jude Lifetime Cohort Study. Cancer, 2021, 127, 4646-4655.	2.0	10
24	Late-onset kidney failure in survivors of childhood cancer: a report from the Childhood Cancer Survivor Study. European Journal of Cancer, 2021, 155, 216-226.	1.3	23
25	Development and Validation of a Breast Cancer Risk Prediction Model for Childhood Cancer Survivors Treated With Chest Radiation: A Report From the Childhood Cancer Survivor Study and the Dutch Hodgkin Late Effects and LATER Cohorts. Journal of Clinical Oncology, 2021, 39, 3012-3021.	0.8	9
26	Radiation therapy related cardiac disease risk in childhood cancer survivors: Updated dosimetry analysis from the Childhood Cancer Survivor Study. Radiotherapy and Oncology, 2021, 163, 199-208.	0.3	17
27	Impact of risk-stratified therapy on health status in survivors of childhood Acute Lymphoblastic Leukemia: a report from the Childhood Cancer Survivor Study. Cancer Epidemiology Biomarkers and Prevention, 2021, , cebp.0667.2021.	1.1	4
28	Functional Outcomes and Social Attainment in Asian/Pacific Islander Childhood Cancer Survivors in the United States: A Report from the Childhood Cancer Survivor Study. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 2244-2255.	1.1	4
29	Breast Hypoplasia and Decreased Lactation From Radiation Therapy in Survivors of Pediatric Malignancy: A PENTEC Comprehensive Review. International Journal of Radiation Oncology Biology Physics, 2021, , .	0.4	5
30	Exercise Intolerance, Mortality, and Organ System Impairment in Adult Survivors of Childhood Cancer. Journal of Clinical Oncology, 2020, 38, 29-42.	0.8	68
31	Reference dataset of usersâ€™ photon beam modeling parameters for the Eclipse, Pinnacle, and RayStation treatment planning systems. Medical Physics, 2020, 47, 282-288.	1.6	33
32	AAPM TG 191: Clinical use of luminescent dosimeters: TLDs and OSLDs. Medical Physics, 2020, 47, e19-e51.	1.6	97
33	Automatic Verification of Beam Apertures for Cervical Cancer Radiation Therapy. Practical Radiation Oncology, 2020, 10, e415-e424.	1.1	13
34	Sensitivity of IROC phantom performance to radiotherapy treatment planning system beam modeling parameters based on communityâ€driven data. Medical Physics, 2020, 47, 5250-5259.	1.6	14
35	Dose-volume effects of breast cancer radiation therapy on the risk of second oesophageal cancer. Radiotherapy and Oncology, 2020, 151, 33-39.	0.3	13
36	Reduced Morbidity and Mortality in Survivors of Childhood Acute Lymphoblastic Leukemia: A Report From the Childhood Cancer Survivor Study. Journal of Clinical Oncology, 2020, 38, 3418-3429.	0.8	60

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37	Cost-Effectiveness of the International Late Effects of Childhood Cancer Guideline Harmonization Group Screening Guidelines to Prevent Heart Failure in Survivors of Childhood Cancer. Journal of Clinical Oncology, 2020, 38, 3851-3862.	0.8	25
38	Prescription Psychoactive Medication Use in Adolescent Survivors of Childhood Cancer and Association With Adult Functional Outcomes. JNCI Cancer Spectrum, 2020, 4, pkaa057.	1.4	7
39	Subsequent Neoplasm Risk Associated With Rare Variants in DNA Damage Response and Clinical Radiation Sensitivity Syndrome Genes in the Childhood Cancer Survivor Study. JCO Precision Oncology, 2020, 4, 926-936.	1.5	9
40	Evaluation of a multiview architecture for automatic vertebral labeling of palliative radiotherapy simulation CT images. Medical Physics, 2020, 47, 5592-5608.	1.6	12
41	Dose-response relationships for radiation-related heart disease: Impact of uncertainties in cardiac dose reconstruction. Radiotherapy and Oncology, 2020, 153, 155-162.	0.3	10
42	Body Composition, Metabolic Health, and Functional Impairment among Adults Treated for Abdominal and Pelvic Tumors during Childhood. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1750-1758.	1.1	2
43	Development and validation of an age-scalable cardiac model with substructures for dosimetry in late-effects studies of childhood cancer survivors. Radiotherapy and Oncology, 2020, 153, 163-171.	0.3	7
44	Incidence of and risk factors for late cholecystectomy in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. European Journal of Cancer, 2020, 133, 4-13.	1.3	5
45	Dose calculation errors as a component of failing IROC lung and spine phantom irradiations. Medical Physics, 2020, 47, 4502-4508.	1.6	8
46	3Dâ€printed headrest for frameless Gamma Knife radiosurgery: Design and validation. Journal of Applied Clinical Medical Physics, 2020, 21, 6-15.	0.8	5
47	Association of Exercise Intolerance With Emotional Distress, Attainment of Social Roles, and Health-Related Quality of Life Among Adult Survivors of Childhood Cancer. JAMA Oncology, 2020, 6, 1194.	3.4	14
48	Predicting acute ovarian failure in female survivors of childhood cancer: a cohort study in the Childhood Cancer Survivor Study (CCSS) and the St Jude Lifetime Cohort (SJLIFE). Lancet Oncology, The, 2020, 21, 436-445.	5.1	46
49	Major cardiac events for adult survivors of childhood cancer diagnosed between 1970 and 1999: report from the Childhood Cancer Survivor Study cohort. BMJ, The, 2020, 368, l6794.	3.0	87
50	Longitudinal pain and pain interference in longâ€term survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. Cancer, 2020, 126, 2915-2923.	2.0	24
51	Genome-wide Association Studies Reveal Novel Locus With Sex-/Therapy-Specific Fracture Risk Effects in Childhood Cancer Survivors. Journal of Bone and Mineral Research, 2020, 36, 685-695.	3.1	7
52	Development of an age-scalable 3D computational phantom in DICOM standard for late effects studies of childhood cancer survivors. Biomedical Physics and Engineering Express, 2020, 6, 065004.	0.6	7
53	A Mail Audit Independent Peer Review System for Dosimetry Verification of a Small Animal Irradiator. Radiation Research, 2020, 193, 341.	0.7	5
54	Clinical and genetic risk factors for radiation-associated ototoxicity: A report from the childhood cancer survivor study and the St. Jude Lifetime Cohort.. Journal of Clinical Oncology, 2020, 38, 10550-10550.	0.8	0

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55	Treatment intensity and risk of chronic health conditions and late mortality among long-term survivors of Wilms tumor: A report from the Childhood Cancer Survivor Study.. Journal of Clinical Oncology, 2020, 38, 10553-10553.	0.8	0
56	Lung cancer as a subsequent neoplasm: A report from the Childhood Cancer Survivor Study (CCSS).. Journal of Clinical Oncology, 2020, 38, 10551-10551.	0.8	0
57	HAGHL genetic variants increase first fracture risk (FFR) in female childhood cancer survivors: A report from the Childhood Cancer Survivor Study (CCSS) and St. Jude Lifetime Cohort Study (SJLIFE).. Journal of Clinical Oncology, 2020, 38, 10554-10554.	0.8	0
58	Prediabetes and progression to diabetes among adult survivors of childhood cancer in the St. Jude Lifetime Cohort.. Journal of Clinical Oncology, 2020, 38, 10548-10548.	0.8	0
59	Lateâ€onset anorectal disease and psychosocial impact in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. Cancer, 2019, 125, 3873-3881.	2.0	4
60	Racial and ethnic disparities in neurocognitive, emotional, and qualityâ€ofâ€life outcomes in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. Cancer, 2019, 125, 3666-3677.	2.0	24
61	Mortality After Breast Cancer Among Survivors of Childhood Cancer: A Report From the Childhood Cancer Survivor Study. Journal of Clinical Oncology, 2019, 37, 2120-2130.	0.8	35
62	Adaptations to a Generalized Radiation Dose Reconstruction Methodology for Use in Epidemiologic Studies: An Update from the MD Anderson Late Effect Group. Radiation Research, 2019, 192, 169.	0.7	54
63	Chemotherapy and Risk of Subsequent Malignant Neoplasms in the Childhood Cancer Survivor Study Cohort. Journal of Clinical Oncology, 2019, 37, 3310-3319.	0.8	67
64	Association of Breast Cancer Risk After Childhood Cancer With Radiation Dose to the Breast and Anthracycline Use. JAMA Pediatrics, 2019, 173, 1171.	3.3	40
65	Hypothalamic-Pituitary Disorders in Childhood Cancer Survivors: Prevalence, Risk Factors and Long-Term Health Outcomes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 6101-6115.	1.8	54
66	Effects of alterations in positron emission tomography imaging parameters on radiomics features. PLoS ONE, 2019, 14, e0221877.	1.1	11
67	Solid organ transplantation after treatment for childhood cancer: a retrospective cohort analysis from the Childhood Cancer Survivor Study. Lancet Oncology, The, 2019, 20, 1420-1431.	5.1	19
68	Radiomics features of the primary tumor fail to improve prediction of overall survival in large cohorts of CT- and PET-imaged head and neck cancer patients. PLoS ONE, 2019, 14, e0222509.	1.1	56
69	Genome-Wide Association Study in Irradiated Childhood Cancer Survivors Identifies HTR2A forÂSubsequent Basal Cell Carcinoma. Journal of Investigative Dermatology, 2019, 139, 2042-2045.e8.	0.3	18
70	Skin Cancer Early Detection Practices among Adult Survivors of Childhood Cancer Treated with Radiation. Journal of Investigative Dermatology, 2019, 139, 1898-1905.e2.	0.3	11
71	Subsequent Breast Cancer in Female Childhood Cancer Survivors in the St Jude Lifetime Cohort Study (SJLIFE). Journal of Clinical Oncology, 2019, 37, 1647-1656.	0.8	31
72	Automated treatment planning of postmastectomy radiotherapy. Medical Physics, 2019, 46, 3767-3775.	1.6	27

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73	A risk assessment of automated treatment planning and recommendations for clinical deployment. Medical Physics, 2019, 46, 2567-2574.	1.6	23
74	Therapy-Related Cardiac Risk in Childhood Cancer Survivors: An Analysis of the Childhood Cancer Survivor Study. Journal of Clinical Oncology, 2019, 37, 1090-1101.	0.8	103
75	Development and validation of a 3Dâ€printed bolus cap for total scalp irradiation. Journal of Applied Clinical Medical Physics, 2019, 20, 89-96.	0.8	29
76	Sleep, emotional distress, and physical health in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. Psycho-Oncology, 2019, 28, 903-912.	1.0	45
77	Subsequent neoplasm risk associated with rare variants in DNA repair and clinical radiation sensitivity syndrome genes: A report from the Childhood Cancer Survivor Study.. Journal of Clinical Oncology, 2019, 37, 10028-10028.	0.8	1
78	Frailty among childhood cancer survivors: A report from the Childhood Cancer Survivor Study (CCSS).. Journal of Clinical Oncology, 2019, 37, 10026-10026.	0.8	0
79	Temporal trends among survivors of rhabdomyosarcoma: A report from the Childhood Cancer Survivor Study (CCSS).. Journal of Clinical Oncology, 2019, 37, 11570-11570.	0.8	0
80	Serum biomarkers for detection of cardiomyopathy in survivors of childhood cancer: A report from the St. Jude Lifetime Cohort.. Journal of Clinical Oncology, 2019, 37, e21526-e21526.	0.8	0
81	Long term morbidity and mortality among survivors of infant neuroblastoma: A report from the Childhood Cancer Survivor Study (CCSS).. Journal of Clinical Oncology, 2019, 37, 10051-10051.	0.8	1
82	Chronic health conditions (CHC) and late mortality in survivors of acute lymphoblastic leukemia (ALL) in the Childhood Cancer Survivor Study.. Journal of Clinical Oncology, 2019, 37, 10016-10016.	0.8	0
83	Combined effect of radiotherapy and anthracyclines on risk of breast cancer among female childhood cancer survivors: A report from the Childhood Cancer Survivor Study (CCSS).. Journal of Clinical Oncology, 2019, 37, 10053-10053.	0.8	0
84	Late cholecystectomy in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study.. Journal of Clinical Oncology, 2019, 37, e21525-e21525.	0.8	0
85	Cardiac events in survivors of childhood cancer treated in more recent eras: A report from the Childhood Cancer Survivor Study.. Journal of Clinical Oncology, 2019, 37, 10058-10058.	0.8	0
86	Neurocognitive outcomes in adult survivors of neuroblastoma: A report from the Childhood Cancer Survivor Study.. Journal of Clinical Oncology, 2019, 37, 11563-11563.	0.8	0
87	Educational attainment in long-term survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS).. Journal of Clinical Oncology, 2019, 37, 10063-10063.	0.8	2
88	Comparison of Radiation Dose Reconstruction Methods to Investigate Late Adverse Effects of Radiotherapy for Childhood Cancer: A Report from the Childhood Cancer Survivor Study. Radiation Research, 2019, 193, 95.	0.7	4
89	Low- and middle-income countries can reduce risks of subsequent neoplasms by referring pediatric craniospinal cases to centralized proton treatment centers. Biomedical Physics and Engineering Express, 2018, 4, 025029.	0.6	10
90	Material matters: Analysis of density uncertainty in 3D printing and its consequences for radiation oncology. Medical Physics, 2018, 45, 1614-1621.	1.6	55

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91	Chronic Health Conditions and Neurocognitive Function in Aging Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. Journal of the National Cancer Institute, 2018, 110, 411-419.	3.0	64
92	A High-risk Haplotype for Premature Menopause in Childhood Cancer Survivors Exposed to Gonadotoxic Therapy. Journal of the National Cancer Institute, 2018, 110, 895-904.	3.0	19
93	Agreement between self-reported and register-based cardiovascular events among Danish breast cancer survivors. Journal of Cancer Survivorship, 2018, 12, 95-100.	1.5	7
94	Late Infection-Related Mortality in Asplenic Survivors of Childhood Cancer: A Report From the Childhood Cancer Survivor Study. Journal of Clinical Oncology, 2018, 36, 1571-1578.	0.8	28
95	Genetic Risk for Subsequent Neoplasms Among Long-Term Survivors of Childhood Cancer. Journal of Clinical Oncology, 2018, 36, 2078-2087.	0.8	105
96	Long-Term Risk of Venous Thromboembolism in Survivors of Childhood Cancer: A Report From the Childhood Cancer Survivor Study. Journal of Clinical Oncology, 2018, 36, 3144-3151.	0.8	11
97	Temporal patterns in the risk of chronic health conditions in survivors of childhood cancer diagnosed 1970â€“99: a report from the Childhood Cancer Survivor Study cohort. Lancet Oncology, The, 2018, 19, 1590-1601.	5.1	179
98	Design, fabrication, and validation of patient-specific electron tissue compensators for postmastectomy radiation therapy. Physics and Imaging in Radiation Oncology, 2018, 8, 38-43.	1.2	5
99	Polygenic Determinants for Subsequent Breast Cancer Risk in Survivors of Childhood Cancer: The St Jude Lifetime Cohort Study (SJLIFE). Clinical Cancer Research, 2018, 24, 6230-6235.	3.2	18
100	Practical guidelines for handling head and neck computed tomography artifacts for quantitative image analysis. Computerized Medical Imaging and Graphics, 2018, 69, 134-139.	3.5	29
101	Remote beam output audits: A global assessment of results out of tolerance. Physics and Imaging in Radiation Oncology, 2018, 7, 39-44.	1.2	19
102	Comprehensive Investigation on Controlling for CT Imaging Variabilities in Radiomics Studies. Scientific Reports, 2018, 8, 13047.	1.6	89
103	Synthetic head and neck and phantom images for determining deformable image registration accuracy in magnetic resonance imaging. Medical Physics, 2018, 45, 4315-4321.	1.6	4
104	Temporal Trends in Treatment and Subsequent Neoplasm Risk Among 5-Year Survivors of Childhood Cancer, 1970-2015. JAMA - Journal of the American Medical Association, 2017, 317, 814.	3.8	169
105	Accuracy of deformable image registration on magnetic resonance images in digital and physical phantoms. Medical Physics, 2017, 44, 5153-5161.	1.6	22
106	Radiation-associated breast cancer and gonadal hormone exposure: a report from the Childhood Cancer Survivor Study. British Journal of Cancer, 2017, 117, 290-299.	2.9	30
107	Treatment Planning System Calculation Errors Are Present in Most Imaging and Radiation Oncology Core-Houston Phantom Failures. International Journal of Radiation Oncology Biology Physics, 2017, 98, 1197-1203.	0.4	55
108	Preparation and fabrication of a fullâ€scale, sagittalâ€sliced, 3Dâ€printed, patientâ€specific radiotherapy phantom. Journal of Applied Clinical Medical Physics, 2017, 18, 285-292.	0.8	54

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109	<scp>AAPM TG</scp> 158: Measurement and calculation of doses outside the treated volume from externalâ€beam radiation therapy. Medical Physics, 2017, 44, e391-e429.	1.6	214
110	Outâ€ofâ€field doses and neutron dose equivalents for electron beams from modern Varian and Elekta linear accelerators. Journal of Applied Clinical Medical Physics, 2016, 17, 442-455.	0.8	21
111	Approaches to reducing photon dose calculation errors near metal implants. Medical Physics, 2016, 43, 5117-5130.	1.6	37
112	Comparative Risk Predictions of Second Cancers After Carbon-Ion Therapy Versus Proton Therapy. International Journal of Radiation Oncology Biology Physics, 2016, 95, 279-286.	0.4	25
113	The American Society for Radiation Oncology's 2015 Core Physics Curriculum for Radiation Oncology Residents. International Journal of Radiation Oncology Biology Physics, 2016, 95, 1298-1303.	0.4	21
114	Measured Neutron Spectra and Dose Equivalents From a Mevion Single-Room, Passively Scattered Proton System Used for Craniospinal Irradiation. International Journal of Radiation Oncology Biology Physics, 2016, 95, 249-257.	0.4	16
115	An evaluation of three commercially available metal artifact reduction methods for CT imaging. Physics in Medicine and Biology, 2015, 60, 1047-1067.	1.6	177
116	Radiation-related heart and vascular disease. Future Oncology, 2015, 11, 2067-2076.	1.1	18
117	Comparison of 2D and 3D gamma analyses. Medical Physics, 2014, 41, 021710.	1.6	44
118	Secondary neutron spectrum from 250â€MeV passively scattered proton therapy: Measurement with an extendedâ€range Bonner sphere system. Medical Physics, 2014, 41, 092104.	1.6	32
119	A comparative study on the risks of radiogenic second cancers and cardiac mortality in a set of pediatric medulloblastoma patients treated with photon or proton craniospinal irradiation. Radiotherapy and Oncology, 2014, 113, 84-88.	0.3	76
120	Standardized treatment planning methodology for passively scattered proton craniospinal irradiation. Radiation Oncology, 2013, 8, 32.	1.2	33
121	Predicted risks of radiogenic cardiac toxicity in two pediatric patients undergoing photon or proton radiotherapy. Radiation Oncology, 2013, 8, 184.	1.2	33
122	Comparison of risk of radiogenic second cancer following photon and proton craniospinal irradiation for a pediatric medulloblastoma patient. Physics in Medicine and Biology, 2013, 58, 807-823.	1.6	74
123	Analytical model for out-of-field dose in photon craniospinal irradiation. Physics in Medicine and Biology, 2013, 58, 7463-7479.	1.6	46
124	Investigation of various energy deposition kernel refinements for the convolution/superposition method. Medical Physics, 2013, 40, 121721.	1.6	15
125	Development and implementation of a remote audit tool for high dose rate (HDR) Irâ€192 brachytherapy using optically stimulated luminescence dosimetry. Medical Physics, 2013, 40, 112102.	1.6	20
126	Impact of margin size on the predicted risk of radiogenic second cancers following proton arc therapy and volumetric modulated arc therapy for prostate cancer. Physics in Medicine and Biology, 2012, 57, N469-N479.	1.6	7

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127	Comparison of therapeutic dosimetric data from passively scattered proton and photon craniospinal irradiations for medulloblastoma. Radiation Oncology, 2012, 7, 116.	1.2	86
128	Neutronâ€induced electronic failures around a highâ€energy linear accelerator. Medical Physics, 2011, 38, 34-39.	1.6	6
129	Variations in photon energy spectra of a 6 MV beam and their impact on TLD response. Medical Physics, 2011, 38, 2619-2628.	1.6	78
130	Risk of second malignant neoplasm following proton versus intensity-modulated photon radiotherapies for hepatocellular carcinoma. Physics in Medicine and Biology, 2010, 55, 7055-7065.	1.6	45
131	Accuracy of out-of-field dose calculations by a commercial treatment planning system. Physics in Medicine and Biology, 2010, 55, 6999-7008.	1.6	185
132	Effect of organ size and position on out-of-field dose distributions during radiation therapy. Physics in Medicine and Biology, 2010, 55, 7025-7036.	1.6	16
133	Methodology for determining doses to in-field, out-of-field and partially in-field organs for late effects studies in photon radiotherapy. Physics in Medicine and Biology, 2010, 55, 7009-7023.	1.6	76
134	Secondary neutron spectra from modern Varian, Siemens, and Elekta linacs with multileaf collimators. Medical Physics, 2009, 36, 4027-4038.	1.6	84
135	Treatment vault shielding for a flattening filter-free medical linear accelerator. Physics in Medicine and Biology, 2009, 54, 1265-1273.	1.6	26
136	Neutron spectra and dose equivalents calculated in tissue for highâ€energy radiation therapy. Medical Physics, 2009, 36, 1244-1250.	1.6	50
137	Effects of tertiary MLC configuration on secondary neutron spectra from 18 MV x-ray beams for the Varian 21EX linear accelerator. Medical Physics, 2009, 36, 4039-4046.	1.6	15
138	Energy Response and Angular Dependence of a Bonner Sphere Extension. IEEE Transactions on Nuclear Science, 2009, 56, 1325-1328.	1.2	5
139	Measurement of High-Energy Neutron Spectra with a Bonner Sphere Extension System. Nuclear Technology, 2009, 168, 333-339.	0.7	10
140	Characterization of a Gold-and-Indium Dual-Activation-Foil-Based Bonner Sphere System. Nuclear Technology, 2009, 168, 603-609.	0.7	5
141	Energy spectra, sources, and shielding considerations for neutrons generated by a flattening filterâ€free Clinac. Medical Physics, 2008, 35, 1906-1911.	1.6	49
142	Establishing action levels for EPIDâ€based QA for IMRT. Journal of Applied Clinical Medical Physics, 2008, 9, 16-25.	0.8	57
143	Calculation of effective dose from measurements of secondary neutron spectra and scattered photon dose from dynamic MLC IMRT for 6MV, 15MV, and 18MV beam energies. Medical Physics, 2006, 33, 360-368.	1.6	134
144	Measurements of secondary neutron dose from 15 MV and 18 MV IMRT. Radiation Protection Dosimetry, 2005, 115, 508-512.	0.4	36

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145	Investigation of secondary neutron dose for 18MV dynamic MLC IMRT delivery. Medical Physics, 2005, 32, 786-793.	1.6	73