

Scott V Bratman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114
papers

6,707
citations

32
h-index

81
g-index

144
ext. papers

9,162
ext. citations

7.3
avg, IF

5.68
L-index

#	Paper	IF	Citations
114	Monitoring and adapting cancer treatment using circulating tumor DNA kinetics: Current research, opportunities, and challenges.. <i>Science Advances</i> , 2022 , 8, eabi8618	14.3	4
113	Development and Validation of an Oral Cavity Cancer Outcomes Prediction Score Incorporating Patient-Derived Xenograft Engraftment.. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2022 ,	3.9	1
112	Emerging technologies and their impact on regulatory science. <i>Experimental Biology and Medicine</i> , 2021 , 15353702211052280	3.7	3
111	Association between Genetic Variants and Cisplatin-Induced Nephrotoxicity: A Genome-Wide Approach and Validation Study. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	1
110	Treatment outcomes and survival following definitive (chemo)radiotherapy in HPV-positive oropharynx cancer: Large-scale comparison of DAHANCA vs PMH cohorts. <i>International Journal of Cancer</i> , 2021 ,	7.5	1
109	Cell-free DNA and circulating tumor cell kinetics in a pre-clinical head and neck Cancer model undergoing radiation therapy. <i>BMC Cancer</i> , 2021 , 21, 1075	4.8	3
108	Longitudinal health utility and symptom-toxicity trajectories in patients with head and neck cancers. <i>Cancer</i> , 2021 ,	6.4	1
107	Prognostic importance of radiologic extranodal extension in nasopharyngeal carcinoma treated in a Canadian cohort. <i>Radiotherapy and Oncology</i> , 2021 , 165, 94-102	5.3	2
106	Screening for Nasopharyngeal Cancer in High-Risk Populations: A Small Price to Pay for Early Disease Identification?. <i>Journal of the National Cancer Institute</i> , 2021 , 113, 803-804	9.7	1
105	Comparing unilateral vs. bilateral neck management in lateralized oropharyngeal cancer between surgical and radiation oncologists: An international practice pattern survey. <i>Oral Oncology</i> , 2021 , 114, 105165	4.4	2
104	Transitions in oral and gut microbiome of HPV+ oropharyngeal squamous cell carcinoma following definitive chemoradiotherapy (ROMA LA-OPSCC study). <i>British Journal of Cancer</i> , 2021 , 124, 1543-1551	8.7	7
103	Head and neck imaging surveillance strategy for HPV-positive oropharyngeal carcinoma following definitive (chemo)radiotherapy. <i>Radiotherapy and Oncology</i> , 2021 , 157, 255-262	5.3	1
102	Automated detection of dental artifacts for large-scale radiomic analysis in radiation oncology. <i>Physics and Imaging in Radiation Oncology</i> , 2021 , 18, 41-47	3.1	1
101	Prediction of Human Papillomavirus (HPV) Association of Oropharyngeal Cancer (OPC) Using Radiomics: The Impact of the Variation of CT Scanner. <i>Cancers</i> , 2021 , 13,	6.6	2
100	Tumor-Naïve Multimodal Profiling of Circulating Tumor DNA in Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2021 , 27, 4230-4244	12.9	9
99	The impact of the variation of imaging parameters on the robustness of Computed Tomography radiomic features: A review. <i>Computers in Biology and Medicine</i> , 2021 , 133, 104400	7	7
98	Pre- and Post-Radiotherapy Radiologic Nodal Features and Oropharyngeal Cancer Outcomes. <i>Laryngoscope</i> , 2021 , 131, E1162-E1171	3.6	5

97	Short-term and long-term unstimulated saliva flow following unilateral vs bilateral radiotherapy for oropharyngeal carcinoma. <i>Head and Neck</i> , 2021 , 43, 456-466	4.2	
96	Healthcare resource utilization following unilateral versus bilateral radiation therapy for oropharyngeal carcinoma. <i>Radiotherapy and Oncology</i> , 2021 , 156, 95-101	5.3	1
95	Non-operative management for oral cavity carcinoma: Definitive radiation therapy as a potential alternative treatment approach. <i>Radiotherapy and Oncology</i> , 2021 , 154, 70-75	5.3	6
94	Prognostic value of clinical and radiologic extranodal extension and their role in the 8th edition TNM cN classification for HPV-negative oropharyngeal carcinoma. <i>Oral Oncology</i> , 2021 , 114, 105167	4.4	6
93	Pan-cancer analysis of longitudinal metastatic tumors reveals genomic alterations and immune landscape dynamics associated with pembrolizumab sensitivity. <i>Nature Communications</i> , 2021 , 12, 5137	17.4	5
92	HPV Sequencing Facilitates Ultrasensitive Detection of HPV Circulating Tumor DNA. <i>Clinical Cancer Research</i> , 2021 , 27, 5857-5868	12.9	6
91	Outcome and treatment toxicity in east-indian versus white-canadian patients with oral cavity cancer following postoperative (chemo-)radiotherapy delivered under similar multidisciplinary care: A propensity-matched cohort study. <i>Oral Oncology</i> , 2021 , 120, 105419	4.4	1
90	Antitumor immune effects of preoperative sitravatinib and nivolumab in oral cavity cancer: SNOW window-of-opportunity study 2021 , 9,		4
89	Serial Cell-free DNA Assessments in Preclinical Models. <i>STAR Protocols</i> , 2020 , 1, 100145	1.4	
88	Integration of intra-sample contextual error modeling for improved detection of somatic mutations from deep sequencing. <i>Science Advances</i> , 2020 , 6,	14.3	2
87	Non-invasive imaging prediction of tumor hypoxia: A novel developed and externally validated CT and FDG-PET-based radiomic signatures. <i>Radiotherapy and Oncology</i> , 2020 , 153, 97-105	5.3	6
86	The Utility of Liquid Biopsies in Radiation Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 107, 873-886	4	8
85	Hypofractionated radiotherapy alone with 2.4 Gy per fraction for head and neck cancer during the COVID-19 pandemic: The Princess Margaret experience and proposal. <i>Cancer</i> , 2020 , 126, 3426-3437	6.4	19
84	Privacy-preserving distributed learning of radiomics to predict overall survival and HPV status in head and neck cancer. <i>Scientific Reports</i> , 2020 , 10, 4542	4.9	23
83	Circulating tumor DNA and liquid biopsy in oncology.. <i>Nature Cancer</i> , 2020 , 1, 276-290	15.4	123
82	Early Detection of Multiple Resistance Mechanisms by ctDNA Profiling in a Patient With EGFR-mutant Lung Adenocarcinoma Treated With Osimertinib. <i>Clinical Lung Cancer</i> , 2020 , 21, e488-e492	4.9	2
81	Impact of cumulative cisplatin dose and adjuvant chemotherapy in locally-advanced nasopharyngeal carcinoma treated with definitive chemoradiotherapy. <i>Oral Oncology</i> , 2020 , 105, 104666	4.4	3
80	Prognostic importance of radiologic extranodal extension in HPV-positive oropharyngeal carcinoma and its potential role in refining TNM-8 cN-classification. <i>Radiotherapy and Oncology</i> , 2020 , 144, 13-22	5.3	17

79	Inflammatory Biomarkers, Hematopoietic Stem Cells, and Symptoms in Breast Cancer Patients Undergoing Adjuvant Radiation Therapy. <i>JNCI Cancer Spectrum</i> , 2020 , 4, pkaa037	4.6	3
78	Sexual satisfaction in nasopharyngeal carcinoma survivors: Rates and determinants. <i>Oral Oncology</i> , 2020 , 109, 104865	4.4	0
77	Personalized circulating tumor DNA analysis as a predictive biomarker in solid tumor patients treated with pembrolizumab.. <i>Nature Cancer</i> , 2020 , 1, 873-881	15.4	89
76	Senescence, Necrosis, and Apoptosis Govern Circulating Cell-free DNA Release Kinetics. <i>Cell Reports</i> , 2020 , 31, 107830	10.6	40
75	Bioactive DNA from extracellular vesicles and particles. <i>Cell Death and Disease</i> , 2020 , 11, 584	9.8	54
74	The Prevalence and Determinants of Return to Work in Nasopharyngeal Carcinoma Survivors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 106, 134-145	4	5
73	Multiple imputation and clinico-serological models to predict human papillomavirus status in oropharyngeal carcinoma: An alternative when tissue is unavailable. <i>International Journal of Cancer</i> , 2020 , 146, 2166-2174	7.5	6
72	Preparation of cfMeDIP-seq libraries for methylome profiling of plasma cell-free DNA. <i>Nature Protocols</i> , 2019 , 14, 2749-2780	18.8	47
71	Treatment outcomes in oropharynx cancer patients who did not complete planned curative radiotherapy. <i>Oral Oncology</i> , 2019 , 97, 124-130	4.4	2
70	Modeling Cellular Response in Large-Scale Radiogenomic Databases to Advance Precision Radiotherapy. <i>Cancer Research</i> , 2019 , 79, 6227-6237	10.1	15
69	Human papillomavirus and p16 immunostaining, prevalence and prognosis of squamous carcinoma of unknown primary in the head and neck region. <i>International Journal of Cancer</i> , 2019 , 145, 1465-1474	7.5	15
68	High efficiency error suppression for accurate detection of low-frequency variants. <i>Nucleic Acids Research</i> , 2019 , 47, e87	20.1	12
67	Computer-assisted image analysis of the tumor microenvironment on an oral tongue squamous cell carcinoma tissue microarray. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 17, 32-39	4.6	10
66	Radiologic Extranodal Extension Portends Worse Outcome in cN+ TNM-8 Stage I Human Papillomavirus-Mediated Oropharyngeal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 104, 1017-1027	4	38
65	Designing circulating tumor DNA-based interventional clinical trials in oncology. <i>Genome Medicine</i> , 2019 , 11, 22	14.4	13
64	Salvage Treatment and Survival for Relapsed Follicular Lymphoma Following Primary Radiation Therapy: A Collaborative Study on Behalf of ILROG. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 104, 522-529	4	12
63	Validation of distant metastases risk-groups in oral cavity squamous cell carcinoma patients treated with postoperative intensity-modulated radiotherapy. <i>Radiotherapy and Oncology</i> , 2019 , 134, 10-16	5.3	3
62	Toronto Workshop on Late Recurrence in Estrogen Receptor-Positive Breast Cancer: Part 2: Approaches to Predict and Identify Late Recurrence, Research Directions. <i>JNCI Cancer Spectrum</i> , 2019 , 3, pkz049	4.6	4

61	Postoperative wound infections, neutrophil-to-lymphocyte ratio, and cancer recurrence in patients with oral cavity cancer undergoing surgical resection. <i>Oral Oncology</i> , 2019 , 97, 23-30	4.4	7
60	Impact of cisplatin dose and smoking pack-years in human papillomavirus-positive oropharyngeal squamous cell carcinoma treated with chemoradiotherapy. <i>European Journal of Cancer</i> , 2019 , 118, 112-120	7.5	5
59	Impact of metformin on disease control and survival in patients with head and neck cancer: a retrospective cohort study. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2019 , 48, 34	5.4	5
58	Toronto Workshop on Late Recurrence in Estrogen Receptor-Positive Breast Cancer: Part 1: Late Recurrence: Current Understanding, Clinical Considerations. <i>JNCI Cancer Spectrum</i> , 2019 , 3, pkz050	4.6	6
57	Impact of preleukemic mutations and their persistence on hematologic recovery after induction chemotherapy for AML. <i>Blood Advances</i> , 2019 , 3, 2307-2311	7.8	7
56	Finding/identifying primaries with neck disease (FIND) clinical trial protocol: a study integrating transoral robotic surgery, histopathological localisation and tailored deintensification of radiotherapy for unknown primary and small oropharyngeal head and neck squamous cell carcinoma. <i>BMJ Open</i> , 2019 , 9, e025181	3	5
55	Functional significance of U2AF1 S34F mutations in lung adenocarcinomas. <i>Nature Communications</i> , 2019 , 10, 5712	17.4	15
54	Definitive radiotherapy for localized follicular lymphoma staged by F-FDG PET-CT: a collaborative study by ILROG. <i>Blood</i> , 2019 , 133, 237-245	2.2	57
53	Metabolic regulation of dermal fibroblasts contributes to skin extracellular matrix homeostasis and fibrosis. <i>Nature Metabolism</i> , 2019 , 1, 147-157	14.6	79
52	Predictors of Early Recurrence Prior to Planned Postoperative Radiation Therapy for Oral Cavity Squamous Cell Carcinoma and Outcomes Following Salvage Intensified Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 103, 363-373	4	25
51	A cross sectional study in cognitive and neurobehavioral impairment in long-term nasopharyngeal cancer survivors treated with intensity-modulated radiotherapy. <i>Radiotherapy and Oncology</i> , 2019 , 131, 179-185	5.3	20
50	Radiomic Biomarkers to Refine Risk Models for Distant Metastasis in HPV-related Oropharyngeal Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 102, 1107-1116	4	30
49	SUNSET: Stereotactic Radiation for Ultracentral Non-Small-Cell Lung Cancer-AL Safety and Efficacy Trial. <i>Clinical Lung Cancer</i> , 2018 , 19, e529-e532	4.9	39
48	Combining precision radiotherapy with molecular targeting and immunomodulatory agents: a guideline by the American Society for Radiation Oncology. <i>Lancet Oncology</i> , 2018 , 19, e240-e251	21.7	66
47	Partial Laryngeal IMRT for T2N0 Glottic Cancer: Impact of Image Guidance and Radiation Therapy Intensification. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 102, 941-949	4	14
46	Prediction of acute myeloid leukaemia risk in healthy individuals. <i>Nature</i> , 2018 , 559, 400-404	50.4	368
45	Fundamental Biology of Human Papillomaviruses 2018 , 1-17		0
44	Circulating Human Papillomavirus DNA as a Biomarker of Response in Patients With Locally Advanced Cervical Cancer Treated With Definitive Chemoradiation.. <i>JCO Precision Oncology</i> , 2018 , 2, 1-8	3.6	5

43	Sensitive tumour detection and classification using plasma cell-free DNA methylomes. <i>Nature</i> , 2018 , 563, 579-583	50.4	344
42	Plasma redox imbalance caused by albumin oxidation promotes lung-predominant NETosis and pulmonary cancer metastasis. <i>Nature Communications</i> , 2018 , 9, 5116	17.4	40
41	Patient-Derived Xenografts for Prognostication and Personalized Treatment for Head and Neck Squamous Cell Carcinoma. <i>Cell Reports</i> , 2018 , 25, 1318-1331.e4	10.6	41
40	Radiologic-Pathologic Correlation of Tumor Thickness and Its Prognostic Importance in Squamous Cell Carcinoma of the Oral Cavity: Implications for the Eighth Edition Tumor, Node, Metastasis Classification. <i>American Journal of Neuroradiology</i> , 2018 , 39, 1896-1902	4.4	25
39	Long-Term Late Toxicity, Quality of Life, and Emotional Distress in Patients With Nasopharyngeal Carcinoma Treated With Intensity Modulated Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 102, 340-352	4	64
38	Radiologic-Pathologic Correlation of Extranodal Extension in Patients With Squamous Cell Carcinoma of the Oral Cavity: Implications for Future Editions of the TNM Classification. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 102, 698-708	4	34
37	Prevalence, prognosis, and treatment implications of retropharyngeal nodes in unknown primary head and neck carcinoma. <i>Oral Oncology</i> , 2018 , 82, 162-167	4.4	7
36	Rationale and Protocol for a Canadian Multicenter Phase II Randomized Trial Assessing Selective Metabolically Adaptive Radiation Dose Escalation in Locally Advanced Non-small-cell Lung Cancer (NCT02788461). <i>Clinical Lung Cancer</i> , 2018 , 19, e699-e703	4.9	10
35	Re-evaluation of Ipsilateral Radiation for T1-T2N0-N2b Tonsil Carcinoma at the Princess Margaret Hospital in the Human Papillomavirus Era, 25 Years Later. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 98, 159-169	4	41
34	Biology and patterns of response to EGFR-inhibition in squamous cell cancers of the lung and head & neck. <i>Cancer Treatment Reviews</i> , 2017 , 54, 43-57	14.4	11
33	Circulating tumour DNA sequence analysis as an alternative to multiple myeloma bone marrow aspirates. <i>Nature Communications</i> , 2017 , 8, 15086	17.4	77
32	Genomic biomarkers for precision radiation medicine. <i>Lancet Oncology</i> , 2017 , 18, e238	21.7	5
31	Exploring the Impact of Human Papillomavirus Status, Comorbidity, Polypharmacy, and Treatment Intensity on Outcome of Elderly Oropharyngeal Cancer Patients Treated With Radiation Therapy With or Without Chemotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 98, 858-867	4	13
30	Current State of PCR-Based Epstein-Barr Virus DNA Testing for Nasopharyngeal Cancer. <i>Journal of the National Cancer Institute</i> , 2017 , 109,	9.7	66
29	Morphologic and topographic radiologic features of human papillomavirus-related and -unrelated oropharyngeal carcinoma. <i>Head and Neck</i> , 2017 , 39, 1524-1534	4.2	23
28	The Cisplatin Total Dose and Concomitant Radiation in Locoregionally Advanced Head and Neck Cancer: Any Recent Evidence for Dose Efficacy?. <i>Current Treatment Options in Oncology</i> , 2017 , 18, 39	5.4	7
27	Osteoradionecrosis of the mandible in patients with oropharyngeal carcinoma treated with intensity-modulated radiotherapy. <i>Cancer</i> , 2017 , 123, 3691-3700	6.4	57
26	Body mass index and prognosis in patients with head and neck cancer. <i>Head and Neck</i> , 2017 , 39, 1226-1233	4.3	36

25	Clinical Utility of Epstein-Barr Virus DNA Testing in the Treatment of Nasopharyngeal Carcinoma Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 98, 996-1001	4	53
24	Distant Metastases Following Postoperative Intensity-Modulated Radiotherapy for Oral Cavity Squamous Cell Carcinoma. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017 , 143, 368-375	3.9	13
23	Cell-Free DNA Kinetics in a Pre-Clinical Model of Head and Neck Cancer. <i>Scientific Reports</i> , 2017 , 7, 16723	4.9	24
22	Lymph node ratio relationship to regional failure and distant metastases in oral cavity cancer. <i>Radiotherapy and Oncology</i> , 2017 , 124, 225-231	5.3	24
21	Impact of Type 2 Diabetes Mellitus on Survival in Head and Neck Squamous Cell Carcinoma. <i>Otolaryngology - Head and Neck Surgery</i> , 2017 , 157, 657-663	5.5	8
20	Utilizing circulating tumour DNA in radiation oncology. <i>Radiotherapy and Oncology</i> , 2017 , 124, 357-364	5.3	17
19	In Reply to Zoto Mustafayev and Ozyar. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 99, 1307	4	1
18	Cell-free DNA as a post-treatment surveillance strategy: current status. <i>Seminars in Oncology</i> , 2017 , 44, 330-346	5.5	19
17	Radiotherapy Characteristics and Outcomes for Head and Neck Carcinoma of Unknown Primary vs T1 Base-of-Tongue Carcinoma. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2016 , 142, 1208-1215	3.9	15
16	Outcomes and prognostic factors for major salivary gland carcinoma following postoperative radiotherapy. <i>Oral Oncology</i> , 2016 , 54, 75-80	4.4	32
15	Human Papillomavirus Genotype Association With Survival in Head and Neck Squamous Cell Carcinoma. <i>JAMA Oncology</i> , 2016 , 2, 823-6	13.4	66
14	Integrated digital error suppression for improved detection of circulating tumor DNA. <i>Nature Biotechnology</i> , 2016 , 34, 547-555	44.5	589
13	Refining American Joint Committee on Cancer/Union for International Cancer Control TNM stage and prognostic groups for human papillomavirus-related oropharyngeal carcinomas. <i>Journal of Clinical Oncology</i> , 2015 , 33, 836-45	2.2	279
12	The prognostic landscape of genes and infiltrating immune cells across human cancers. <i>Nature Medicine</i> , 2015 , 21, 938-945	50.5	1541
11	Integrating Tumor and Stromal Gene Expression Signatures With Clinical Indices for Survival Stratification of Early-Stage Non-Small Cell Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2015 , 107,	9.7	43
10	FACTERA: a practical method for the discovery of genomic rearrangements at breakpoint resolution. <i>Bioinformatics</i> , 2014 , 30, 3390-3	7.2	130
9	Galectin-1 mediates radiation-related lymphopenia and attenuates NSCLC radiation response. <i>Clinical Cancer Research</i> , 2014 , 20, 5558-69	12.9	45
8	Solid malignancies in individuals with Down syndrome: a case presentation and literature review. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2014 , 12, 1537-45	7.3	8

7	Lung Cancer Stem Cells and Resistance to Radiotherapy 2014 , 171-182		
6	An ultrasensitive method for quantitating circulating tumor DNA with broad patient coverage. <i>Nature Medicine</i> , 2014 , 20, 548-54	50.5	1363
5	Evolving trends in the initial locoregional management of male breast cancer. <i>Breast</i> , 2012 , 21, 296-302	3.6	16
4	Viral integration transforms chromatin to drive oncogenesis		2
3	The impact of the variation of imaging factors on the robustness of Computed Tomography Radiomic Features: A review		1
2	Modeling cellular response in large-scale radiogenomic databases to advance precision radiotherapy		2
1	Sensitive and reproducible cell-free methylome quantification with synthetic spike-in controls		1