

Scott V Bratman

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1729923/scott-v-bratman-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	The prognostic landscape of genes and infiltrating immune cells across human cancers. <i>Nature Medicine</i> , 2015 , 21, 938-945	50.5	1541
113	An ultrasensitive method for quantitating circulating tumor DNA with broad patient coverage. <i>Nature Medicine</i> , 2014 , 20, 548-54	50.5	1363
112	Integrated digital error suppression for improved detection of circulating tumor DNA. <i>Nature Biotechnology</i> , 2016 , 34, 547-555	44.5	589
111	Prediction of acute myeloid leukaemia risk in healthy individuals. <i>Nature</i> , 2018 , 559, 400-404	50.4	368
110	Sensitive tumour detection and classification using plasma cell-free DNA methylomes. <i>Nature</i> , 2018 , 563, 579-583	50.4	344
109	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
108	FACTERA: a practical method for the discovery of genomic rearrangements at breakpoint resolution. <i>Bioinformatics</i> , 2014 , 30, 3390-3	7.2	130
107	Circulating tumor DNA and liquid biopsy in oncology.. <i>Nature Cancer</i> , 2020 , 1, 276-290	15.4	123
106	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
105	Metabolic regulation of dermal fibroblasts contributes to skin extracellular matrix homeostasis and fibrosis. <i>Nature Metabolism</i> , 2019 , 1, 147-157	14.6	79
104	Circulating tumour DNA sequence analysis as an alternative to multiple myeloma bone marrow aspirates. <i>Nature Communications</i> , 2017 , 8, 15086	17.4	77
103	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
102	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
101	Human Papillomavirus Genotype Association With Survival in Head and Neck Squamous Cell Carcinoma. <i>JAMA Oncology</i> , 2016 , 2, 823-6	13.4	66
100	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
99	Osteoradionecrosis of the mandible in patients with oropharyngeal carcinoma treated with intensity-modulated radiotherapy. <i>Cancer</i> , 2017 , 123, 3691-3700	6.4	57
98	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

97	Bioactive DNA from extracellular vesicles and particles. <i>Cell Death and Disease</i> , 2020 , 11, 584	9.8	54
96	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
95	Preparation of cfMeDIP-seq libraries for methylome profiling of plasma cell-free DNA. <i>Nature Protocols</i> , 2019 , 14, 2749-2780	18.8	47
94	Galectin-1 mediates radiation-related lymphopenia and attenuates NSCLC radiation response. <i>Clinical Cancer Research</i> , 2014 , 20, 5558-69	12.9	45
93	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
92	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
91	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
90	Senescence, Necrosis, and Apoptosis Govern Circulating Cell-free DNA Release Kinetics. <i>Cell Reports</i> , 2020 , 31, 107830	10.6	40
89	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
88	SUNSET: Stereotactic Radiation for Ultracentral Non-Small-Cell Lung Cancer-A Safety and Efficacy Trial. <i>Clinical Lung Cancer</i> , 2018 , 19, e529-e532	4.9	39
87	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
86	Body mass index and prognosis in patients with head and neck cancer. <i>Head and Neck</i> , 2017 , 39, 1226-1233	4.3	36
85	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
84	Outcomes and prognostic factors for major salivary gland carcinoma following postoperative radiotherapy. <i>Oral Oncology</i> , 2016 , 54, 75-80	4.4	32
83	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
82	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
81	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
80	Cell-Free DNA Kinetics in a Pre-Clinical Model of Head and Neck Cancer. <i>Scientific Reports</i> , 2017 , 7, 16723	3.9	24

79	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
78	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
77	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
76	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
75	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
74	Cell-free DNA as a post-treatment surveillance strategy: current status. <i>Seminars in Oncology</i> , 2017 , 44, 330-346	5.5	19
73	Utilizing circulating tumour DNA in radiation oncology. <i>Radiotherapy and Oncology</i> , 2017 , 124, 357-364	5.3	17
72	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
71	Evolving trends in the initial locoregional management of male breast cancer. <i>Breast</i> , 2012 , 21, 296-302	3.6	16
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	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
67	Functional significance of U2AF1 S34F mutations in lung adenocarcinomas. <i>Nature Communications</i> , 2019 , 10, 5712	17.4	15
66	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
65	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
64	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
63	Designing circulating tumor DNA-based interventional clinical trials in oncology. <i>Genome Medicine</i> , 2019 , 11, 22	14.4	13
62	High efficiency error suppression for accurate detection of low-frequency variants. <i>Nucleic Acids Research</i> , 2019 , 47, e87	20.1	12

61	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
60	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
59	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
58	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
57	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
56	The Utility of Liquid Biopsies in Radiation Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 107, 873-886	4	8
55	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
54	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
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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

43	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
42	HPV Sequencing Facilitates Ultrasensitive Detection of HPV Circulating Tumor DNA. <i>Clinical Cancer Research</i> , 2021 , 27, 5857-5868	12.9	6
41	Genomic biomarkers for precision radiation medicine. <i>Lancet Oncology</i> , 2017 , 18, e238	21.7	5
40	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
39	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
38	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, e025131	3	5
37	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
36	Pre- and Post-Radiotherapy Radiologic Nodal Features and Oropharyngeal Cancer Outcomes. <i>Laryngoscope</i> , 2021 , 131, E1162-E1171	3.6	5
35	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
34	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
33	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
32	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
31	Antitumor immune effects of preoperative sitravatinib and nivolumab in oral cavity cancer: SNOW window-of-opportunity study 2021 , 9,		4
30	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
29	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
28	Emerging technologies and their impact on regulatory science. <i>Experimental Biology and Medicine</i> , 2021 , 15353702211052280	3.7	3
27	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
26	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

25	Treatment outcomes in oropharynx cancer patients who did not complete planned curative radiotherapy. <i>Oral Oncology</i> , 2019 , 97, 124-130	4.4	2
24	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
23	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
22	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
21	Viral integration transforms chromatin to drive oncogenesis		2
20	Modeling cellular response in large-scale radiogenomic databases to advance precision radiotherapy		2
19	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
18	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
17	In Reply to Zoto Mustafayev and Ozyar. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 99, 1307	4	1
16	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
15	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
14	Longitudinal health utility and symptom-toxicity trajectories in patients with head and neck cancers. <i>Cancer</i> , 2021 ,	6.4	1
13	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
12	The impact of the variation of imaging factors on the robustness of Computed Tomography Radiomic Features: A review		1
11	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
10	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
9	Healthcare resource utilization following unilateral versus bilateral radiation therapy for oropharyngeal carcinoma. <i>Radiotherapy and Oncology</i> , 2021 , 156, 95-101	5.3	1
8	Sensitive and reproducible cell-free methylome quantification with synthetic spike-in controls		1

7	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
6	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
5	Sexual satisfaction in nasopharyngeal carcinoma survivors: Rates and determinants. <i>Oral Oncology</i> , 2020 , 109, 104865	4.4	0
4	Fundamental Biology of Human Papillomaviruses 2018 , 1-17		0
3	Serial Cell-free DNA Assessments in Preclinical Models. <i>STAR Protocols</i> , 2020 , 1, 100145	1.4	
2	Lung Cancer Stem Cells and Resistance to Radiotherapy 2014 , 171-182		
1	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	