

Reid F Thompson

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

3,231
citations

218677

26
h-index

161849

54
g-index

75
all docs

75
docs citations

75
times ranked

5729
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of an Opioid Safety Initiative on United States Veterans Undergoing Cancer Treatment. Journal of the National Cancer Institute, 2022, , .	6.3	0
2	Minimal observed impact of <sc>HLA</sc> genotype on hospitalization and severity of <sc>SARSâ€CoV</sc>â€2 infection. Hla, 2022, 99, 607-613.	0.6	4
3	An omic and multidimensional spatial atlas from serial biopsies of an evolving metastatic breast cancer. Cell Reports Medicine, 2022, 3, 100525.	6.5	22
4	Androgen receptor activity in T cells limits checkpoint blockade efficacy. Nature, 2022, 606, 791-796.	27.8	162
5	Marking the 50th anniversary of a seminal paper in rheumatology: did Baruj Benacerraf and Hugh McDevitt get it right?. Annals of the Rheumatic Diseases, 2022, 81, 618-621.	0.9	1
6	National Cancer Institute Workshop on Artificial Intelligence in Radiation Oncology: Training the Next Generation. Practical Radiation Oncology, 2021, 11, 74-83.	2.1	16
7	Human methylome variation across Infinium 450K data on the Gene Expression Omnibus. NAR Genomics and Bioinformatics, 2021, 3, lqab025.	3.2	12
8	Impact of the VA opioid safety initiative on pain management for cancer patients.. Journal of Clinical Oncology, 2021, 39, 102-102.	1.6	0
9	Radiomic biomarkers of tumor immune biology and immunotherapy response. Clinical and Translational Radiation Oncology, 2021, 28, 97-115.	1.7	22
10	Thromboembolic risk in patients with lung cancer receiving systemic therapy. British Journal of Haematology, 2021, 194, 179-190.	2.5	9
11	Urine DNA for monitoring chemoradiotherapy response in muscleâ€invasive bladder cancer: a pilot study. BJU International, 2021, , .	2.5	3
12	pepsickle rapidly and accurately predicts proteasomal cleavage sites for improved neoantigen identification. Bioinformatics, 2021, 37, 3723-3733.	4.1	6
13	<tt>neoepiscopex</tt>improves neopeptide prediction with multivariant phasing. Bioinformatics, 2020, 36, 713-720.	4.1	23
14	Validity of Veterans Health Administration structured data to determine accurate smoking status. Health Informatics Journal, 2020, 26, 1507-1515.	2.1	27
15	In Regard to Wallner etÂal. International Journal of Radiation Oncology Biology Physics, 2020, 106, 217-218.	0.8	2
16	Meeting the Challenge of Scientific Dissemination in the Era of COVID-19: Toward a Modular Approach to Knowledge-Sharing for Radiation Oncology. International Journal of Radiation Oncology Biology Physics, 2020, 108, 496-505.	0.8	3
17	183: Head and Neck Radiotherapy (RT) Patterns of Practice Variability Identified as a Challenge to Real-World Big Data: Recommendations from the Learning from Analysis of Multicentre Big Data Aggregation (Lambda) Consortium. Radiotherapy and Oncology, 2020, 150, S78-S79.	0.6	0
18	Real-world applications of deep convolutional neural networks in diagnostic cancer imaging. Chinese Clinical Oncology, 2020, 9, 82-82.	1.2	0

#	ARTICLE	IF	CITATIONS
19	A phase II single-arm study of pembrolizumab with enzalutamide in men with metastatic castration-resistant prostate cancer progressing on enzalutamide alone. , 2020, 8, e000642.		77
20	Putatively cancer-specific exon-exon junctions are shared across patients and present in developmental and other non-cancer cells. NAR Cancer, 2020, 2, zcaa001.	3.1	12
21	Human Leukocyte Antigen Susceptibility Map for Severe Acute Respiratory Syndrome Coronavirus 2. Journal of Virology, 2020, 94, .	3.4	434
22	Burden of tumor mutations, neoepitopes, and other variants are weak predictors of cancer immunotherapy response and overall survival. Genome Medicine, 2020, 12, 33.	8.2	67
23	Utility of the Current Procedural Terminology Codes for Prophylactic Stabilization for Defining Metastatic Femur Disease. Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews, 2020, 4, e20.00167.	0.7	1
24	Enhancing Career Paths for Tomorrow's Radiation Oncologists. International Journal of Radiation Oncology Biology Physics, 2019, 105, 52-63.	0.8	20
25	Clinical Documentation and Patient Care Using Artificial Intelligence in Radiation Oncology. Journal of the American College of Radiology, 2019, 16, 1343-1346.	1.8	16
26	Tumor Mutation Burden-From Doubts to Concerns. JAMA Oncology, 2019, 5, 1808.	7.1	4
27	Using Artificial Intelligence to Improve the Quality and Safety of Radiation Therapy. Journal of the American College of Radiology, 2019, 16, 1267-1272.	1.8	31
28	The Potential and Pitfalls of Crowdsourced Algorithm Development in Radiation Oncology. JAMA Oncology, 2019, 5, 662.	7.1	2
29	Artificial Intelligence in Radiation Oncology. Hematology/Oncology Clinics of North America, 2019, 33, 1095-1104.	2.2	23
30	Population-level distribution and putative immunogenicity of cancer neoepitopes. BMC Cancer, 2018, 18, 414.	2.6	32
31	Precision Oncology and Genomically Guided Radiation Therapy: A Report From the American Society for Radiation Oncology/American Association of Physicists in Medicine/National Cancer Institute Precision Medicine Conference. International Journal of Radiation Oncology Biology Physics, 2018, 101, 274-284.	0.8	50
32	Stereotactic body proton therapy for liver tumors: Dosimetric advantages and their radiobiological and clinical implications. Physics and Imaging in Radiation Oncology, 2018, 8, 17-22.	2.9	8
33	Artificial Intelligence in Radiation Oncology Imaging. International Journal of Radiation Oncology Biology Physics, 2018, 102, 1159-1161.	0.8	19
34	The Future of Artificial Intelligence in Radiation Oncology. International Journal of Radiation Oncology Biology Physics, 2018, 102, 247-248.	0.8	13
35	Artificial intelligence in radiation oncology: A specialty-wide disruptive transformation?. Radiotherapy and Oncology, 2018, 129, 421-426.	0.6	175
36	Quality of Life of Postoperative Photon versus Proton Radiation Therapy for Oropharynx Cancer. International Journal of Particle Therapy, 2018, 5, 11-17.	1.8	29

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37	Modeling Long-Term Survival in Chemotherapy-Only Versus Combined Modality Therapy in Patients with Early Stage Unfavorable Hodgkin Lymphoma Involving the Mediastinum. <i>Blood</i> , 2016, 128, 2356-2356.	1.4	0
38	Pencil-beam scanning proton therapy for anal cancer: a dosimetric comparison with intensity-modulated radiotherapy. <i>Acta Oncol</i> , 2015, 54, 1209-1217.	1.8	30
39	A Resident's Perspective on Global Health Rotations in Radiation Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 1165-1166.	0.8	4
40	A dosimetric comparison of proton and photon therapy in unresectable cancers of the head of pancreas. <i>Medical Physics</i> , 2014, 41, 081711.	3.0	50
41	Radiotherapy and the Tumor Microenvironment: Mutual Influence and Clinical Implications. <i>Advances in Experimental Medicine and Biology</i> , 2014, 772, 147-165.	1.6	38
42	Dose to the Developing Dentition During Therapeutic Irradiation: Organ at Risk Determination and Clinical Implications. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 108-113.	0.8	9
43	Hypofractionated Whole-Breast Radiation Therapy: Does Breast Size Matter?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, 894-901.	0.8	42
44	Maternal gametic transmission of translocations or inversions of human chromosome 11p15.5 results in regional DNA hypermethylation and downregulation of CDKN1C expression. <i>Genomics</i> , 2012, 99, 25-35.	2.9	18
45	DNA methylation changes in murine breast adenocarcinomas allow the identification of candidate genes for human breast carcinogenesis. <i>Mammalian Genome</i> , 2011, 22, 249-259.	2.2	11
46	Late-replicating heterochromatin is characterized by decreased cytosine methylation in the human genome. <i>Genome Research</i> , 2011, 21, 1833-1840.	5.5	38
47	Widespread Hypomethylation Occurs Early and Synergizes with Gene Amplification during Esophageal Carcinogenesis. <i>PLoS Genetics</i> , 2011, 7, e1001356.	3.5	112
48	Experimental approaches to the study of epigenomic dysregulation in ageing. <i>Experimental Gerontology</i> , 2010, 45, 255-268.	2.8	18
49	Tissue-specific dysregulation of DNA methylation in aging. <i>Aging Cell</i> , 2010, 9, 506-518.	6.7	185
50	Cytosine Methylation Dysregulation in Neonates Following Intrauterine Growth Restriction. <i>PLoS ONE</i> , 2010, 5, e8887.	2.5	120
51	Experimental Intrauterine Growth Restriction Induces Alterations in DNA Methylation and Gene Expression in Pancreatic Islets of Rats. <i>Journal of Biological Chemistry</i> , 2010, 285, 15111-15118.	3.4	140
52	Epigenetic Basis for Fetal Origins of Age-Related Disease. <i>Journal of Women's Health</i> , 2010, 19, 581-587.	3.3	46
53	A pipeline for the quantitative analysis of CG dinucleotide methylation using mass spectrometry. <i>Bioinformatics</i> , 2009, 25, 2164-2170.	4.1	69
54	High-resolution genome-wide cytosine methylation profiling with simultaneous copy number analysis and optimization for limited cell numbers. <i>Nucleic Acids Research</i> , 2009, 37, 3829-3839.	14.5	141

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55	600: Abnormal intrauterine growth induces global epigenetic changes in human stem cells. American Journal of Obstetrics and Gynecology, 2008, 199, S173.	1.3	0
56	Enhanced activation of a "nutrient" sensing pathway with age contributes to insulin resistance. FASEB Journal, 2008, 22, 3450-3457.	0.5	51
57	<i>Toxoplasma gondii</i> and <i>Cryptosporidium parvum</i> Lack Detectable DNA Cytosine Methylation. Eukaryotic Cell, 2008, 7, 537-540.	3.4	57
58	An analytical pipeline for genomic representations used for cytosine methylation studies. Bioinformatics, 2008, 24, 1161-1167.	4.1	49
59	MDS Marrow Stroma Is Characterized by Distinct Epigenetic Alterations. Blood, 2008, 112, 3635-3635.	1.4	4
60	An Integrative Genomic and Epigenomic Approach for the Study of Transcriptional Regulation. PLoS ONE, 2008, 3, e1882.	2.5	77
61	CG dinucleotide clustering is a species-specific property of the genome. Nucleic Acids Research, 2007, 35, 6798-6807.	14.5	74
62	Increased Global Gene Promoter Methylation after Relapse (Rel) of Acute Promyelocytic Leukemia (APL) from All-trans Retinoic Acid (ATRA)-Containing Treatment Is Dissociated from Concurrent Gene Expression Changes.. Blood, 2007, 110, 2121-2121.	1.4	9
63	Comparative isoschizomer profiling of cytosine methylation: The HELP assay. Genome Research, 2006, 16, 1046-1055.	5.5	355
64	Lack of Increased Gene Promoter Methylation at Relapse in Acute Promyelocytic Leukemia (APL).. Blood, 2006, 108, 4315-4315.	1.4	0
65	Epigenetic Dysregulation of Candidate Cis-Regulatory Sequences in Hematological Malignancies.. Blood, 2006, 108, 2229-2229.	1.4	3
66	Ca ²⁺ Effects on Myosin-II-Mediated Contraction of Pseudo-Contractile Rings and Transport of Vesicles in Extracts of Clam Oocytes. Biological Bulletin, 2002, 203, 206-208.	1.8	0
67	GTPase Rho Is Involved in Myosin-II-Mediated Contraction of Pseudo-Contractile Rings and Transport of Vesicles in Extracts of Clam Oocytes. Biological Bulletin, 2002, 203, 208-210.	1.8	4
68	Myosin superfamily evolutionary history. The Anatomical Record, 2002, 268, 276-289.	1.8	118