

# James R White

## 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.

53  
papers

6,499  
citations

34  
h-index

60  
g-index

60  
ext. papers

8,870  
ext. citations

12.1  
avg, IF

5.21  
L-index

#	Paper	IF	Citations
53	Natural Language Processing Approaches for Retrieval of Clinically Relevant Genomic Information in Cancer. <i>Studies in Health Technology and Informatics</i> , <b>2022</b> ,	0.5	
52	Durvalumab with platinum-pemetrexed for unresectable pleural mesothelioma: survival, genomic and immunologic analyses from the phase 2 PrE0505 trial. <i>Nature Medicine</i> , <b>2021</b> , 27, 1910-1920	50.5	14
51	Detection and characterization of lung cancer using cell-free DNA fragmentomes. <i>Nature Communications</i> , <b>2021</b> , 12, 5060	17.4	21
50	Microbiome within Primary Tumor Tissue from Renal Cell Carcinoma May Be Associated with PD-L1 Expression of the Venous Tumor Thrombus. <i>Advances in Urology</i> , <b>2020</b> , 2020, 9068068	1.6	6
49	Establishing guidelines to harmonize tumor mutational burden (TMB): in silico assessment of variation in TMB quantification across diagnostic platforms: phase I of the Friends of Cancer Research TMB Harmonization Project <b>2020</b> , 8,		125
48	Characterization of tumor mutation burden, PD-L1 and DNA repair genes to assess relationship to immune checkpoint inhibitors response in metastatic renal cell carcinoma <b>2020</b> , 8,		34
47	Multimodal genomic features predict outcome of immune checkpoint blockade in non-small-cell lung cancer. <i>Nature Cancer</i> , <b>2020</b> , 1, 99-111	15.4	67
46	A Central Role for Lipocalin-2 in the Adaptation to Short-Bowel Syndrome Through Down-Regulation of IL22 in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2020</b> , 10, 309-326	7.9	1
45	Integrative Tumor and Immune Cell Multi-omic Analyses Predict Response to Immune Checkpoint Blockade in Melanoma. <i>Cell Reports Medicine</i> , <b>2020</b> , 1, 100139	18	17
44	Genomic characterization of malignant progression in neoplastic pancreatic cysts. <i>Nature Communications</i> , <b>2020</b> , 11, 4085	17.4	27
43	The Impact of Human Immunodeficiency Virus Infection on Gut Microbiota Diversity: An Individual-level Meta-analysis. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 70, 615-627	11.6	33
42	Genome-wide cell-free DNA fragmentation in patients with cancer. <i>Nature</i> , <b>2019</b> , 570, 385-389	50.4	339
41	The Association Between the Developing Nasal Microbiota of Hospitalized Neonates and Colonization. <i>Open Forum Infectious Diseases</i> , <b>2019</b> , 6, ofz062	1	9
40	Microbiome diversity in carriers of fluoroquinolone resistant. <i>Investigative and Clinical Urology</i> , <b>2019</b> , 60, 75-83	1.9	2
39	"Hey CIRI, What's My Prognosis?". <i>Cell</i> , <b>2019</b> , 178, 518-520	56.2	5
38	Human colon mucosal biofilms from healthy or colon cancer hosts are carcinogenic. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 1699-1712	15.9	87
37	Noninvasive Detection of Microsatellite Instability and High Tumor Mutation Burden in Cancer Patients Treated with PD-1 Blockade. <i>Clinical Cancer Research</i> , <b>2019</b> , 25, 7024-7034	12.9	48

36	Dynamics of Tumor and Immune Responses during Immune Checkpoint Blockade in Non-Small Cell Lung Cancer. <i>Cancer Research</i> , <b>2019</b> , 79, 1214-1225	10.1	117
35	IMG/M v.5.0: an integrated data management and comparative analysis system for microbial genomes and microbiomes. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, D666-D677	20.1	476
34	Neoadjuvant PD-1 Blockade in Resectable Lung Cancer. <i>New England Journal of Medicine</i> , <b>2018</b> , 378, 1976-1986	59.2	865
33	Ipilimumab plus nivolumab and DNA-repair defects in AR-V7-expressing metastatic prostate cancer. <i>Oncotarget</i> , <b>2018</b> , 9, 28561-28571	3.3	92
32	Integrated Genomic, Epigenomic, and Expression Analyses of Ovarian Cancer Cell Lines. <i>Cell Reports</i> , <b>2018</b> , 25, 2617-2633	10.6	49
31	Commensal bacteria contribute to insulin resistance in aging by activating innate B1a cells. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	70
30	Microbiomes Associated With Foods From Plant and Animal Sources. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2540	5.7	19
29	A machine learning approach for somatic mutation discovery. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	44
28	Urinary Microbiome and Cytokine Levels in Women With Interstitial Cystitis. <i>Obstetrics and Gynecology</i> , <b>2017</b> , 129, 500-506	4.9	67
27	Evolution of Neoantigen Landscape during Immune Checkpoint Blockade in Non-Small Cell Lung Cancer. <i>Cancer Discovery</i> , <b>2017</b> , 7, 264-276	24.4	491
26	Direct detection of early-stage cancers using circulating tumor DNA. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	537
25	High-Resolution Microbiome Profiling for Detection and Tracking of. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1587	5.7	19
24	Early Recovery of from Food Using a 6-Hour Non-selective Pre-enrichment and Reformulation of Tetrathionate Broth. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 2103	5.7	24
23	Enrichment dynamics of <i>Listeria monocytogenes</i> and the associated microbiome from naturally contaminated ice cream linked to a listeriosis outbreak. <i>BMC Microbiology</i> , <b>2016</b> , 16, 275	4.5	83
22	Clinical implications of genomic alterations in the tumour and circulation of pancreatic cancer patients. <i>Nature Communications</i> , <b>2015</b> , 6, 7686	17.4	279
21	Metabolism links bacterial biofilms and colon carcinogenesis. <i>Cell Metabolism</i> , <b>2015</b> , 21, 891-7	24.6	201
20	Cilantro microbiome before and after nonselective pre-enrichment for <i>Salmonella</i> using 16S rRNA and metagenomic sequencing. <i>BMC Microbiology</i> , <b>2015</b> , 15, 160	4.5	38
19	Microbiomes of the dust particles collected from the International Space Station and Spacecraft Assembly Facilities. <i>Microbiome</i> , <b>2015</b> , 3, 50	16.6	113

18	Anticoagulation and antiplatelet therapy in urological practice: ICUD/AUA review paper. <i>Journal of Urology</i> , <b>2014</b> , 192, 1026-34	2.5	85
17	Medical management of kidney stones: AUA guideline. <i>Journal of Urology</i> , <b>2014</b> , 192, 316-24	2.5	447
16	Microbiota organization is a distinct feature of proximal colorectal cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 18321-6	11.5	405
15	Baseline survey of the anatomical microbial ecology of an important food plant: <i>Solanum lycopersicum</i> (tomato). <i>BMC Microbiology</i> , <b>2013</b> , 13, 114	4.5	152
14	Extensively duplicated and transcriptionally active recent lateral gene transfer from a bacterial <i>Wolbachia</i> endosymbiont to its host filarial nematode <i>Brugia malayi</i> . <i>BMC Genomics</i> , <b>2013</b> , 14, 639	4.5	31
13	Immune status, antibiotic medication and pH are associated with changes in the stomach fluid microbiota. <i>ISME Journal</i> , <b>2013</b> , 7, 1354-66	11.9	99
12	Characterization of microflora in Latin-style cheeses by next-generation sequencing technology. <i>BMC Microbiology</i> , <b>2012</b> , 12, 254	4.5	47
11	Using metagenomic analyses to estimate the consequences of enrichment bias for pathogen detection. <i>BMC Research Notes</i> , <b>2012</b> , 5, 378	2.3	25
10	Pyrosequencing of bacterial symbionts within <i>Axinella corrugata</i> sponges: diversity and seasonal variability. <i>PLoS ONE</i> , <b>2012</b> , 7, e38204	3.7	65
9	Proof of concept of microbiome-metabolome analysis and delayed gluten exposure on celiac disease autoimmunity in genetically at-risk infants. <i>PLoS ONE</i> , <b>2012</b> , 7, e33387	3.7	169
8	CloVR: a virtual machine for automated and portable sequence analysis from the desktop using cloud computing. <i>BMC Bioinformatics</i> , <b>2011</b> , 12, 356	3.6	220
7	Bacterial community diversity and variation in spray water sources and the tomato fruit surface. <i>BMC Microbiology</i> , <b>2011</b> , 11, 81	4.5	55
6	Complex microbiome underlying secondary and primary metabolism in the tunicate-Prochloron symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, E1423-32	11.5	117
5	Resources and costs for microbial sequence analysis evaluated using virtual machines and cloud computing. <i>PLoS ONE</i> , <b>2011</b> , 6, e26624	3.7	58
4	Finding biologically accurate clusterings in hierarchical tree decompositions using the variation of information. <i>Journal of Computational Biology</i> , <b>2010</b> , 17, 503-16	1.7	22
3	Alignment and clustering of phylogenetic markers—implications for microbial diversity studies. <i>BMC Bioinformatics</i> , <b>2010</b> , 11, 152	3.6	53
2	Extensive genome rearrangements and multiple horizontal gene transfers in a population of <i>pyrococcus</i> isolates from Vulcano Island, Italy. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 6447-54 <sup>1.8</sup>	4.8	20
1	Improving Phrap-based assembly of the rat using "reliable" overlaps. <i>PLoS ONE</i> , <b>2008</b> , 3, e1836	3.7	4

