

# Ryan N Ptashkin

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

4,730  
citations

361413

20  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

9710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutational landscape of metastatic cancer revealed from prospective clinical sequencing of 10,000 patients. <i>Nature Medicine</i> , 2017, 23, 703-713.	30.7	2,473
2	Cancer therapy shapes the fitness landscape of clonal hematopoiesis. <i>Nature Genetics</i> , 2020, 52, 1219-1226.	21.4	367
3	High Yield of RNA Sequencing for Targetable Kinase Fusions in Lung Adenocarcinomas with No Mitogenic Driver Alteration Detected by DNA Sequencing and Low Tumor Mutation Burden. <i>Clinical Cancer Research</i> , 2019, 25, 4712-4722.	7.0	292
4	First-line pembrolizumab and trastuzumab in HER2-positive oesophageal, gastric, or gastro-oesophageal junction cancer: an open-label, single-arm, phase 2 trial. <i>Lancet Oncology</i> , The, 2020, 21, 821-831.	10.7	243
5	SMARCA4-Deficient Thoracic Sarcomatoid Tumors Represent Primarily Smoking-Related Undifferentiated Carcinomas Rather Than Primary Thoracic Sarcomas. <i>Journal of Thoracic Oncology</i> , 2020, 15, 231-247.	1.1	172
6	Real-Time Genomic Profiling of Pancreatic Ductal Adenocarcinoma: Potential Actionability and Correlation with Clinical Phenotype. <i>Clinical Cancer Research</i> , 2017, 23, 6094-6100.	7.0	161
7	Resistance to TRK inhibition mediated by convergent MAPK pathway activation. <i>Nature Medicine</i> , 2019, 25, 1422-1427.	30.7	144
8	Prevalence of Clonal Hematopoiesis Mutations in Tumor-Only Clinical Genomic Profiling of Solid Tumors. <i>JAMA Oncology</i> , 2018, 4, 1589.	7.1	139
9	Frequent <i>IDH2</i> R172 mutations in undifferentiated and poorly-differentiated sinonasal carcinomas. <i>Journal of Pathology</i> , 2017, 242, 400-408.	4.5	83
10	DNA methylation-based classification of sinonasal undifferentiated carcinoma. <i>Modern Pathology</i> , 2019, 32, 1447-1459.	5.5	82
11	Clonal hematopoiesis is associated with risk of severe Covid-19. <i>Nature Communications</i> , 2021, 12, 5975.	12.8	81
12	Mammary analog secretory carcinoma of the thyroid gland: A primary thyroid adenocarcinoma harboring <i>ETV6-NTRK3</i> fusion. <i>Modern Pathology</i> , 2016, 29, 985-995.	5.5	74
13	Enhanced specificity of clinical high-sensitivity tumor mutation profiling in cell-free DNA via paired normal sequencing using MSK-ACCESS. <i>Nature Communications</i> , 2021, 12, 3770.	12.8	68
14	Interplay between chromosomal alterations and gene mutations shapes the evolutionary trajectory of clonal hematopoiesis. <i>Nature Communications</i> , 2021, 12, 338.	12.8	64
15	The Clinical Management of Clonal Hematopoiesis. <i>Hematology/Oncology Clinics of North America</i> , 2020, 34, 357-367.	2.2	42
16	Fragment Size Analysis May Distinguish Clonal Hematopoiesis from Tumor-Derived Mutations in Cell-Free DNA. <i>Clinical Chemistry</i> , 2020, 66, 616-618.	3.2	35
17	Radioactive Iodine-Related Clonal Hematopoiesis in Thyroid Cancer Is Common and Associated With Decreased Survival. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4216-4223.	3.6	33
18	Next generation sequencing of breast implant-associated anaplastic large cell lymphomas reveals a novel <i>STAT3-JAK2</i> fusion among other activating genetic alterations within the <i>JAK-STAT</i> pathway. <i>Breast Journal</i> , 2021, 27, 314-321.	1.0	29

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19	Malignant transformation of a polymorphous low grade neuroepithelial tumor of the young (PLNTY). <i>Acta Neuropathologica</i> , 2021, 141, 123-125.	7.7	26
20	Rb Tumor Suppressor in Small Cell Lung Cancer: Combined Genomic and IHC Analysis with a Description of a Distinct Rb-Proficient Subset. <i>Clinical Cancer Research</i> , 2022, 28, 4702-4713.	7.0	25
21	Chromosome 20q Amplification Defines a Subtype of Microsatellite Stable, Left-Sided Colon Cancers with Wild-type RAS/RAF and Better Overall Survival. <i>Molecular Cancer Research</i> , 2017, 15, 708-713.	3.4	24
22	Cancer-Causative Mutations Occurring in Early Embryogenesis. <i>Cancer Discovery</i> , 2022, 12, 949-957.	9.4	21
23	Hsp90 inhibition disrupts JAK-STAT signaling and leads to reductions in splenomegaly in patients with myeloproliferative neoplasms. <i>Haematologica</i> , 2018, 103, e5-e9.	3.5	18
24	Genetic basis of SMARCB1 protein loss in 22 sinonasal carcinomas. <i>Human Pathology</i> , 2020, 104, 105-116.	2.0	14
25	Paired Tumor-Normal Sequencing Provides Insights into TP53-Related Cancer Spectrum in Li-Fraumeni Patients. <i>Journal of the National Cancer Institute</i> , 2021, , .	6.3	6
26	Bone Marrow Surveillance of Pediatric Cancer Survivors Identifies Clones that Predict Therapy-Related Leukemia. <i>Clinical Cancer Research</i> , 2022, 28, 1614-1627.	7.0	4
27	Annotation of Somatic Genomic Variants in Hematologic Diseases Using OncoKB, a Precision Oncology Knowledgebase. <i>Blood</i> , 2019, 134, 2148-2148.	1.4	3
28	Matched Molecular Profiling of Cell-Free DNA and Tumor Tissue in Patients With Advanced Clear Cell Renal Cell Carcinoma. <i>JCO Precision Oncology</i> , 2022, , .	3.0	3
29	Quantitative Off-Target Detection of Epstein-Barr Virus-Derived DNA in Routine Molecular Profiling of Hematopoietic Neoplasms by Panel-Based Hybrid-Capture Next-Generation Sequencing. <i>Journal of Molecular Diagnostics</i> , 2021, , .	2.8	2
30	Clonal Hematopoiesis and COVID-19 Severity in Cancer Patients. <i>Blood</i> , 2020, 136, 37-38.	1.4	1
31	Germline Contributions to Clonal Hematopoiesis in Solid Cancer Patients. <i>Blood</i> , 2020, 136, 30-31.	1.4	1
32	Interplay between Chromosomal Alterations and Gene Mutations Shapes the Evolutionary Trajectory of Clonal Hematopoiesis. <i>Blood</i> , 2020, 136, 29-30.	1.4	0