

Colin C Pritchard

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.

97 papers	10,127 citations	36 h-index	100 g-index
107 ext. papers	12,778 ext. citations	9.2 avg, IF	6.05 L-index

#	Paper	IF	Citations
97	What Experts Think About Prostate Cancer Management During the COVID-19 Pandemic: Report from the Advanced Prostate Cancer Consensus Conference 2021.. <i>European Urology</i> , 2022 ,	10.2	2
96	Safety, Feasibility, and Merits of Longitudinal Molecular Testing of Multiple Metastatic Sites to Inform mTNBC Patient Treatment in the Intensive Trial of Omics in Cancer.. <i>JCO Precision Oncology</i> , 2022 , 6, e2100280	3.6	0
95	Inherited TP53 Variants and Risk of Prostate Cancer. <i>European Urology</i> , 2021 ,	10.2	4
94	Prospective Statewide Study of Universal Screening for Hereditary Colorectal Cancer: The Ohio Colorectal Cancer Prevention Initiative. <i>JCO Precision Oncology</i> , 2021 , 5,	3.6	6
93	The evolving role of germline genetic testing and management in prostate cancer: Report from the Princess Margaret Cancer Centre international retreat. <i>Canadian Urological Association Journal</i> , 2021 , 15, E623-E629	1.2	0
92	Tumor Frameshift Mutation Proportion Predicts Response to Immunotherapy in Mismatch Repair-Deficient Prostate Cancer. <i>Oncologist</i> , 2021 , 26, e270-e278	5.7	12
91	Double somatic mismatch repair gene pathogenic variants as common as Lynch syndrome among endometrial cancer patients. <i>Gynecologic Oncology</i> , 2021 , 160, 161-168	4.9	7
90	Association of Clonal Hematopoiesis in DNA Repair Genes With Prostate Cancer Plasma Cell-free DNA Testing Interference. <i>JAMA Oncology</i> , 2021 , 7, 107-110	13.4	34
89	Germline variants drive myelodysplastic syndrome in young adults. <i>Leukemia</i> , 2021 , 35, 2439-2444	10.7	11
88	Hypermutation, Mismatch Repair Deficiency, and Defining Predictors of Response to Checkpoint Blockade. <i>Clinical Cancer Research</i> , 2021 ,	12.9	2
87	Concordance of DNA Repair Gene Mutations in Paired Primary Prostate Cancer Samples and Metastatic Tissue or Cell-Free DNA. <i>JAMA Oncology</i> , 2021 ,	13.4	8
86	Mismatch repair deficiency in metastatic prostate cancer: Response to PD-1 blockade and standard therapies. <i>PLoS ONE</i> , 2020 , 15, e0233260	3.7	29
85	Report From the International Society of Urological Pathology (ISUP) Consultation Conference on Molecular Pathology of Urogenital Cancers. I. Molecular Biomarkers in Prostate Cancer. <i>American Journal of Surgical Pathology</i> , 2020 , 44, e15-e29	6.7	21
84	Implementation of Germline Testing for Prostate Cancer: Philadelphia Prostate Cancer Consensus Conference 2019. <i>Journal of Clinical Oncology</i> , 2020 , 38, 2798-2811	2.2	80
83	Combined TP53 and RB1 Loss Promotes Prostate Cancer Resistance to a Spectrum of Therapeutics and Confers Vulnerability to Replication Stress. <i>Cell Reports</i> , 2020 , 31, 107669	10.6	55
82	Systematic misclassification of missense variants in BRCA1 and BRCA2 "coldspots". <i>Genetics in Medicine</i> , 2020 , 22, 825-830	8.1	14
81	Management of Patients with Advanced Prostate Cancer: Report of the Advanced Prostate Cancer Consensus Conference 2019. <i>European Urology</i> , 2020 , 77, 508-547	10.2	155

80	Complexities of Next-Generation Sequencing in Solid Tumors: Case Studies. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2020 , 18, 1150-1155	7.3	3
79	MSH6 immunohistochemical heterogeneity in colorectal cancer: comparative sequencing from different tumor areas. <i>Human Pathology</i> , 2020 , 96, 104-111	3.7	7
78	Universal Screening of Gastrointestinal Malignancies for Mismatch Repair Deficiency at Stanford. <i>JNCI Cancer Spectrum</i> , 2020 , 4, pkaa054	4.6	4
77	Genomic and Clinicopathologic Characterization of -deficient Prostate Cancer. <i>Clinical Cancer Research</i> , 2020 , 26, 4869-4881	12.9	6
76	-Mutated Prostate Cancer: Clinical Outcomes With Standard Therapies and Immune Checkpoint Blockade. <i>JCO Precision Oncology</i> , 2020 , 4, 382-392	3.6	26
75	Intraductal carcinoma of the prostate in the absence of high-grade invasive carcinoma represents a molecularly distinct type of in situ carcinoma enriched with oncogenic driver mutations. <i>Journal of Pathology</i> , 2019 , 249, 79-89	9.4	20
74	Clinical characteristics of patients with colorectal cancer with double somatic mismatch repair mutations compared with Lynch syndrome. <i>Journal of Medical Genetics</i> , 2019 , 56, 462-470	5.8	31
73	Lynch Syndrome: From Screening to Diagnosis to Treatment in the Era of Modern Molecular Oncology. <i>Annual Review of Genomics and Human Genetics</i> , 2019 , 20, 293-307	9.7	19
72	Clinical determinants for successful circulating tumor DNA analysis in prostate cancer. <i>Prostate</i> , 2019 , 79, 701-708	4.2	9
71	The effects of genomic germline variant reclassification on clinical cancer care. <i>Oncotarget</i> , 2019 , 10, 417-423	3.3	22
70	Characterization of splice-altering mutations in inherited predisposition to cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 ,	11.5	17
69	Intensive Surveillance with Biannual Dynamic Contrast-Enhanced Magnetic Resonance Imaging Downstages Breast Cancer in Mutation Carriers. <i>Clinical Cancer Research</i> , 2019 , 25, 1786-1794	12.9	23
68	DNA damage repair alterations are frequent in prostatic adenocarcinomas with focal pleomorphic giant-cell features. <i>Histopathology</i> , 2019 , 74, 836-843	7.3	6
67	Genomic Analysis of Three Metastatic Prostate Cancer Patients with Exceptional Responses to Carboplatin Indicating Different Types of DNA Repair Deficiency. <i>European Urology</i> , 2019 , 75, 184-192	10.2	49
66	Molecular insights into the germline for prostate cancer initiation, progression, and aggressiveness. <i>Canadian Journal of Urology</i> , 2019 , 26, 24-26	0.8	7
65	Genetic Mechanisms of Immune Evasion in Colorectal Cancer. <i>Cancer Discovery</i> , 2018 , 8, 730-749	24.4	235
64	Accurate Pan-Cancer Molecular Diagnosis of Microsatellite Instability by Single-Molecule Molecular Inversion Probe Capture and High-Throughput Sequencing. <i>Clinical Chemistry</i> , 2018 , 64, 950-958	5.5	34
63	Histology of colorectal adenocarcinoma with double somatic mismatch-repair mutations is indistinguishable from those caused by Lynch syndrome. <i>Human Pathology</i> , 2018 , 78, 125-130	3.7	19

62	The long tail of oncogenic drivers in prostate cancer. <i>Nature Genetics</i> , 2018 , 50, 645-651	36.3	380
61	Assessment of Tumor Sequencing as a Replacement for Lynch Syndrome Screening and Current Molecular Tests for Patients With Colorectal Cancer. <i>JAMA Oncology</i> , 2018 , 4, 806-813	13.4	85
60	Characterization of a severe case of PIK3CA-related overgrowth at autopsy by droplet digital polymerase chain reaction and report of PIK3CA sequencing in 22 patients. <i>American Journal of Medical Genetics, Part A</i> , 2018 , 176, 2301-2308	2.5	13
59	A novel disease-causing synonymous exonic mutation in affecting RNA splicing. <i>Blood</i> , 2018 , 132, 1211-1215	12.15	17
58	Microsatellite instability in prostate cancer by PCR or next-generation sequencing 2018 , 6, 29		58
57	Using Somatic Mutations from Tumors to Classify Variants in Mismatch Repair Genes. <i>American Journal of Human Genetics</i> , 2018 , 103, 19-29	11	19
56	Targeted Sequencing of Malignant Supratentorial Pediatric Brain Tumors Demonstrates a High Frequency of Clinically Relevant Mutations. <i>Pediatric and Developmental Pathology</i> , 2018 , 21, 380-388	2.2	5
55	DNA Repair Pathway Alterations in Metastatic Castration-resistant Prostate Cancer Responders to Radium-223. <i>Clinical Genitourinary Cancer</i> , 2018 , 16, 106-110	3.3	11
54	Postmortem Somatic Sequencing of Tumors From Patients With Suspected Lynch Syndrome Has Clinical Utility for Surviving Relatives. <i>JCO Precision Oncology</i> , 2018 , 2,	3.6	
53	Efficient Detection of Copy Number Mutations in PMS2 Exons with a Close Homolog. <i>Journal of Molecular Diagnostics</i> , 2018 , 20, 512-521	5.1	3
52	Two-stain immunohistochemical screening for Lynch syndrome in colorectal cancer may fail to detect mismatch repair deficiency. <i>Modern Pathology</i> , 2018 , 31, 1891-1900	9.8	32
51	Features of Patients With Hereditary Mixed Polyposis Syndrome Caused by Duplication of GREM1 and Implications for Screening and Surveillance. <i>Gastroenterology</i> , 2017 , 152, 1876-1880.e1	13.3	25
50	Analysis of Circulating Cell-Free DNA Identifies Multiclonal Heterogeneity of Reversion Mutations Associated with Resistance to PARP Inhibitors. <i>Cancer Discovery</i> , 2017 , 7, 999-1005	24.4	158
49	Prevalence and Spectrum of Germline Cancer Susceptibility Gene Mutations Among Patients With Early-Onset Colorectal Cancer. <i>JAMA Oncology</i> , 2017 , 3, 464-471	13.4	335
48	Prostate Cancer Screening in a New Era of Genetics. <i>Clinical Genitourinary Cancer</i> , 2017 , 15, 625-628	3.3	19
47	MSH2 Loss in Primary Prostate Cancer. <i>Clinical Cancer Research</i> , 2017 , 23, 6863-6874	12.9	78
46	Establishment of Patient-Derived Tumor Xenograft Models of Epithelial Ovarian Cancer for Preclinical Evaluation of Novel Therapeutics. <i>Clinical Cancer Research</i> , 2017 , 23, 1263-1273	12.9	67
45	DNA Repair in Prostate Cancer: Biology and Clinical Implications. <i>European Urology</i> , 2017 , 71, 417-425	10.2	132

44	Beyond Seed and Soil: Understanding and Targeting Metastatic Prostate Cancer; Report From the 2016 Coffey-Holden Prostate Cancer Academy Meeting. <i>Prostate</i> , 2017 , 77, 123-144	4.2	4
43	Personalizing Therapy for Metastatic Prostate Cancer: The Role of Solid and Liquid Tumor Biopsies. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2017 , 37, 358-369	7.1	3
42	Family-Specific Variants and the Limits of Human Genetics. <i>Trends in Molecular Medicine</i> , 2016 , 22, 925-934	14.5	18
41	Genetic features of myelodysplastic syndrome and aplastic anemia in pediatric and young adult patients. <i>Haematologica</i> , 2016 , 101, 1343-1350	6.6	74
40	Inherited mutations in cancer susceptibility genes are common among survivors of breast cancer who develop therapy-related leukemia. <i>Cancer</i> , 2016 , 122, 304-11	6.4	89
39	Frequent PIK3CA Mutations in Colorectal and Endometrial Tumors With 2 or More Somatic Mutations in Mismatch Repair Genes. <i>Gastroenterology</i> , 2016 , 151, 440-447.e1	13.3	29
38	Next Generation Sequencing in the Clinic: a Patterns of Care Study in a Retrospective Cohort of Subjects Referred to a Genetic Medicine Clinic for Suspected Lynch Syndrome. <i>Journal of Genetic Counseling</i> , 2016 , 25, 515-9	2.5	3
37	Improving performance of multigene panels for genomic analysis of cancer predisposition. <i>Genetics in Medicine</i> , 2016 , 18, 974-81	8.1	60
36	Somatic Mosaic Mutations in PPM1D and TP53 in the Blood of Women With Ovarian Carcinoma. <i>JAMA Oncology</i> , 2016 , 2, 370-2	13.4	68
35	Biallelic Inactivation of BRCA2 in Platinum-sensitive Metastatic Castration-resistant Prostate Cancer. <i>European Urology</i> , 2016 , 69, 992-5	10.2	175
34	-associated developmental disorders exhibit distinct classes of mutations with variable expression and tissue distribution. <i>JCI Insight</i> , 2016 , 1,	9.9	90
33	Mismatch repair deficiency may be common in ductal adenocarcinoma of the prostate. <i>Oncotarget</i> , 2016 , 7, 82504-82510	3.3	47
32	A comparative assessment of clinical whole exome and transcriptome profiling across sequencing centers: implications for precision cancer medicine. <i>Oncotarget</i> , 2016 , 7, 52888-52899	3.3	14
31	Detection of Mutations in Inherited Bone Marrow Failure and Myelodysplastic Syndrome Genes Using Genomic Capture and Massively Parallel Sequencing in Clinical Diagnostics. <i>Blood</i> , 2016 , 128, 1507-1507	2.2	1507
30	A Pilot Study of Clinical Targeted Next Generation Sequencing for Prostate Cancer: Consequences for Treatment and Genetic Counseling. <i>Prostate</i> , 2016 , 76, 1303-11	4.2	14
29	Initiation of universal tumor screening for Lynch syndrome in colorectal cancer patients as a model for the implementation of genetic information into clinical oncology practice. <i>Cancer</i> , 2016 , 122, 393-401	6.4	23
28	Inherited DNA-Repair Gene Mutations in Men with Metastatic Prostate Cancer. <i>New England Journal of Medicine</i> , 2016 , 375, 443-53	59.2	791
27	A Distributed Network for Intensive Longitudinal Monitoring in Metastatic Triple-Negative Breast Cancer. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2016 , 14, 8-17	7.3	17

26	Werner syndrome through the lens of tissue and tumour genomics. <i>Scientific Reports</i> , 2016 , 6, 32038	4.9	13
25	Applying Ancestry and Sex Computation as a Quality Control Tool in Targeted Next-Generation Sequencing. <i>American Journal of Clinical Pathology</i> , 2016 , 145, 308-15	1.9	5
24	CADD score has limited clinical validity for the identification of pathogenic variants in noncoding regions in a hereditary cancer panel. <i>Genetics in Medicine</i> , 2016 , 18, 1269-1275	8.1	30
23	Mismatch repair enzyme expression in primary and castrate resistant prostate cancer. <i>Asian Journal of Urology</i> , 2016 , 3, 223-228	2.7	12
22	Jumping translocations in myelodysplastic syndromes. <i>Cancer Genetics</i> , 2016 , 209, 395-402	2.3	7
21	Classification and characterization of microsatellite instability across 18 cancer types. <i>Nature Medicine</i> , 2016 , 22, 1342-1350	50.5	432
20	MSIplus for Integrated Colorectal Cancer Molecular Testing by Next-Generation Sequencing. <i>Journal of Molecular Diagnostics</i> , 2015 , 17, 705-14	5.1	33
19	Actionable exomic incidental findings in 6503 participants: challenges of variant classification. <i>Genome Research</i> , 2015 , 25, 305-15	9.7	252
18	Glandular differentiation in dedifferentiated chondrosarcoma: molecular evidence of a rare phenomenon. <i>Human Pathology</i> , 2015 , 46, 1398-404	3.7	12
17	Genomic analysis of bone marrow failure and myelodysplastic syndromes reveals phenotypic and diagnostic complexity. <i>Haematologica</i> , 2015 , 100, 42-8	6.6	81
16	Integrative clinical genomics of advanced prostate cancer. <i>Cell</i> , 2015 , 161, 1215-1228	56.2	1765
15	Germline ETV6 mutations in familial thrombocytopenia and hematologic malignancy. <i>Nature Genetics</i> , 2015 , 47, 180-5	36.3	239
14	Validation and implementation of targeted capture and sequencing for the detection of actionable mutation, copy number variation, and gene rearrangement in clinical cancer specimens. <i>Journal of Molecular Diagnostics</i> , 2014 , 16, 56-67	5.1	203
13	Deep sequencing with intronic capture enables identification of an APC exon 10 inversion in a patient with polyposis. <i>Genetics in Medicine</i> , 2014 , 16, 783-6	8.1	11
12	Colon and endometrial cancers with mismatch repair deficiency can arise from somatic, rather than germline, mutations. <i>Gastroenterology</i> , 2014 , 147, 1308-1316.e1	13.3	269
11	Molecular profiling of soft tissue sarcomas using next-generation sequencing: a pilot study toward precision therapeutics. <i>Human Pathology</i> , 2014 , 45, 1563-71	3.7	36
10	Complex MSH2 and MSH6 mutations in hypermutated microsatellite unstable advanced prostate cancer. <i>Nature Communications</i> , 2014 , 5, 4988	17.4	182
9	Microsatellite instability detection by next generation sequencing. <i>Clinical Chemistry</i> , 2014 , 60, 1192-9	5.5	237

8	Detection of gene rearrangements in targeted clinical next-generation sequencing. <i>Journal of Molecular Diagnostics</i> , 2014 , 16, 405-17	5.1	59
7	A mosaic PTEN mutation causing Cowden syndrome identified by deep sequencing. <i>Genetics in Medicine</i> , 2013 , 15, 1004-7	8.1	26
6	ColoSeq provides comprehensive lynch and polyposis syndrome mutational analysis using massively parallel sequencing. <i>Journal of Molecular Diagnostics</i> , 2012 , 14, 357-66	5.1	163
5	Blood cell origin of circulating microRNAs: a cautionary note for cancer biomarker studies. <i>Cancer Prevention Research</i> , 2012 , 5, 492-497	3.2	675
4	MicroRNA profiling: approaches and considerations. <i>Nature Reviews Genetics</i> , 2012 , 13, 358-69	30.1	1185
3	Colorectal cancer molecular biology moves into clinical practice. <i>Gut</i> , 2011 , 60, 116-29	19.2	235
2	COLD-PCR enhanced melting curve analysis improves diagnostic accuracy for KRAS mutations in colorectal carcinoma. <i>BMC Clinical Pathology</i> , 2010 , 10, 6	3	25
1	USP15 deubiquitinase safeguards hematopoiesis and genome integrity in hematopoietic stem cells and leukemia cells		1