Michael F Walsh

List of Publications by Year
in descending order

69 papers	7,885 citations	109321 35 h-index	98798 67 g-index
70 all docs	70 docs citations	70 times ranked	13717 citing authors

#	Article	IF	Citations
1	Inherited DNA-Repair Gene Mutations in Men with Metastatic Prostate Cancer. New England Journal of Medicine, 2016, 375, 443-453.	27.0	1,205
2	Germline Mutations in Predisposition Genes in Pediatric Cancer. New England Journal of Medicine, 2015, 373, 2336-2346.	27.0	949
3	Immune Checkpoint Inhibition for Hypermutant Glioblastoma Multiforme Resulting From Germline Biallelic Mismatch Repair Deficiency. Journal of Clinical Oncology, 2016, 34, 2206-2211.	1.6	692
4	The genomic landscape of hypodiploid acute lymphoblastic leukemia. Nature Genetics, 2013, 45, 242-252.	21.4	588
5	Microsatellite Instability Is Associated With the Presence of Lynch Syndrome Pan-Cancer. Journal of Clinical Oncology, 2019, 37, 286-295.	1.6	397
6	Mutation Detection in Patients With Advanced Cancer by Universal Sequencing of Cancer-Related Genes in Tumor and Normal DNA vs Guideline-Based Germline Testing. JAMA - Journal of the American Medical Association, 2017, 318, 825.	7.4	366
7	The landscape of somatic mutations in epigenetic regulators across 1,000 paediatric cancer genomes. Nature Communications, 2014, 5, 3630.	12.8	342
8	Prospective Genomic Profiling of Prostate Cancer Across Disease States Reveals Germline and Somatic Alterations That May Affect Clinical Decision Making. JCO Precision Oncology, 2017, 2017, 1-16.	3.0	286
9	Germline Variants in Targeted Tumor Sequencing Using Matched Normal DNA. JAMA Oncology, 2016, 2, 104.	7.1	270
10	Retinoblastoma and Neuroblastoma Predisposition and Surveillance. Clinical Cancer Research, 2017, 23, e98-e106.	7.0	166
11	Baseline Surveillance in Li-Fraumeni Syndrome Using Whole-Body Magnetic Resonance Imaging. JAMA Oncology, 2017, 3, 1634.	7.1	148
12	The genomic landscape of pediatric myelodysplastic syndromes. Nature Communications, 2017, 8, 1557.	12.8	143
13	Clinical cancer genomic profiling by three-platform sequencing of whole genome, whole exome and transcriptome. Nature Communications, 2018, 9, 3962.	12.8	142
14	Cancer Surveillance in Gorlin Syndrome and Rhabdoid Tumor Predisposition Syndrome. Clinical Cancer Research, 2017, 23, e62-e67.	7.0	139
15	Prevalence of Germline Mutations in Cancer Susceptibility Genes in Patients With Advanced Renal Cell Carcinoma. JAMA Oncology, 2018, 4, 1228.	7.1	132
16	Germline ETV6 Mutations Confer Susceptibility to Acute Lymphoblastic Leukemia and Thrombocytopenia. PLoS Genetics, 2015, 11, e1005262.	3.5	128
17	Recommendations for Cancer Surveillance in Individuals with RASopathies and Other Rare Genetic Conditions with Increased Cancer Risk. Clinical Cancer Research, 2017, 23, e83-e90.	7.0	122
18	Activating mutations in CSF1R and additional receptor tyrosine kinases in histiocytic neoplasms. Nature Medicine, 2019, 25, 1839-1842.	30.7	122

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19	ClinGen Myeloid Malignancy Variant Curation Expert Panel recommendations for germline RUNX1 variants. Blood Advances, 2019, 3, 2962-2979.	5.2	110
20	Recommendations for Childhood Cancer Screening and Surveillance in DNA Repair Disorders. Clinical Cancer Research, 2017, 23, e23-e31.	7.0	93
21	Therapeutic Implications of Germline Testing in Patients With Advanced Cancers. Journal of Clinical Oncology, 2021, 39, 2698-2709.	1.6	83
22	Recommendations for Surveillance for Children with Leukemia-Predisposing Conditions. Clinical Cancer Research, 2017, 23, e14-e22.	7.0	80
23	Prospective pan-cancer germline testing using MSK-IMPACT informs clinical translation in 751 patients with pediatric solid tumors. Nature Cancer, 2021, 2, 357-365.	13.2	74
24	Germline SAMD9 and SAMD9L mutations are associated with extensive genetic evolution and diverse hematologic outcomes. JCI Insight, 2018, 3, .	5.0	71
25	Genetic mechanisms of primary chemotherapy resistance in pediatric acute myeloid leukemia. Leukemia, 2019, 33, 1934-1943.	7.2	69
26	Cascading After Peridiagnostic Cancer Genetic Testing: An Alternative to Population-Based Screening. Journal of Clinical Oncology, 2020, 38, 1398-1408.	1.6	60
27	Germline SAMD9 mutation in siblings with monosomy 7 and myelodysplastic syndrome. Leukemia, 2017, 31, 1827-1830.	7.2	58
28	Multiple Endocrine Neoplasia and Hyperparathyroid-Jaw Tumor Syndromes: Clinical Features, Genetics, and Surveillance Recommendations in Childhood. Clinical Cancer Research, 2017, 23, e123-e132.	7.0	55
29	Integrating Genomics Into Clinical Pediatric Oncology Using the Molecular Tumor Board at the Memorial Sloan Kettering Cancer Center. Pediatric Blood and Cancer, 2016, 63, 1368-1374.	1.5	49
30	Understanding the evolving phenotype of vascular complications in telomere biology disorders. Angiogenesis, 2019, 22, 95-102.	7.2	45
31	The context-specific role of germline pathogenicity in tumorigenesis. Nature Genetics, 2021, 53, 1577-1585.	21.4	44
32	Genomic Biomarkers for Breast Cancer Risk. Advances in Experimental Medicine and Biology, 2016, 882, 1-32.	1.6	42
33	Myelodysplastic Syndrome, Acute Myeloid Leukemia, and Cancer Surveillance in Fanconi Anemia. Hematology/Oncology Clinics of North America, 2018, 32, 657-668.	2.2	42
34	A Recurrent ERCC3 Truncating Mutation Confers Moderate Risk for Breast Cancer. Cancer Discovery, 2016, 6, 1267-1275.	9.4	41
35	Integrating somatic variant data and biomarkers for germline variant classification in cancer predisposition genes. Human Mutation, 2018, 39, 1542-1552.	2.5	40
36	Inherited TP53 Variants and Risk of Prostate Cancer. European Urology, 2022, 81, 243-250.	1.9	40

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37	Health supervision for people with Bloom syndrome. American Journal of Medical Genetics, Part A, 2018, 176, 1872-1881.	1.2	39
38	Germline SDHA mutations in children and adults with cancer. Journal of Physical Education and Sports Management, 2018, 4, a002584.	1.2	33
39	Pediatric MDS and bone marrow failure-associated germline mutations in SAMD9 and SAMD9L impair multiple pathways in primary hematopoietic cells. Leukemia, 2021, 35, 3232-3244.	7.2	32
40	The acquisition of molecular drivers in pediatric therapy-related myeloid neoplasms. Nature Communications, 2021, 12, 985.	12.8	31
41	Feasibility of whole genome and transcriptome profiling in pediatric and young adult cancers. Nature Communications, 2022, 13, 2485.	12.8	31
42	Toward automation of germline variant curation in clinical cancer genetics. Genetics in Medicine, 2019, 21, 2116-2125.	2.4	27
43	Molecular Changes in Retinoblastoma beyond RB1: Findings from Next-Generation Sequencing. Cancers, 2021, 13, 149.	3.7	27
44	Fumarate hydrataseFHc.1431_1433dupAAA (p.Lys477dup) variant is not associated with cancer including renal cell carcinoma. Human Mutation, 2020, 41, 103-109.	2.5	25
45	11p15.5 epimutations in children with Wilms tumor and hepatoblastoma detected in peripheral blood. Cancer, 2020, 126, 3114-3121.	4.1	23
46	Cancer-Causative Mutations Occurring in Early Embryogenesis. Cancer Discovery, 2022, 12, 949-957.	9.4	21
47	Germline BRCA2 mutations detected in pediatric sequencing studies impact parentsâ€™ evaluation and care. Journal of Physical Education and Sports Management, 2017, 3, a001925.	1.2	17
48	Characterization of a novel germline PALB2 duplication in a hereditary breast and ovarian cancer family. Breast Cancer Research and Treatment, 2016, 160, 447-456.	2.5	16
49	Germline Variants Identified in Patients with Early-onset Renal Cell Carcinoma Referred for Germline Genetic Testing. European Urology Oncology, 2021, 4, 993-1000.	5.4	16
50	Wilms Tumor (Nephroblastoma), Version 2.2021, NCCN Clinical Practice Guidelines in Oncology. Journal of the National Comprehensive Cancer Network: JNCCN, 2021, 19, 945-977.	4.9	12
51	Contiguous gene deletion of chromosome 2p16.3-p21 as a cause of Lynch syndrome. Familial Cancer, 2018, 17, 71-77.	1.9	10
52	Prevalence and Characterization of Biallelic and Monoallelic NTHL1 and MSH3 Variant Carriers From a Pan-Cancer Patient Population. JCO Precision Oncology, 2021, 5, 455-465.	3.0	10
53	Germline Pathogenic Variants Impact Clinicopathology of Advanced Lung Cancer. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1450-1459.	2.5	10
54	Incidence of Germline Mutations in Cancer-Predisposition Genes in Children with Hematologic Malignancies: a Report from the Pediatric Cancer Genome Project. Blood, 2014, 124, 127-127.	1.4	9

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55	Histone H3K36I mutation in a metastatic histiocytic tumor of the skull and response to sarcoma chemotherapy. Journal of Physical Education and Sports Management, 2019, 5, a004606.	1.2	8
56	Understanding Inherited Risk in Unselected Newly Diagnosed Patients With Endometrial Cancer. JCO Precision Oncology, 2019, 3, 1-15.	3.0	7
57	Multiple Primary Cancers in Patients Undergoing Tumor-Normal Sequencing Define Novel Associations. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 362-371.	2.5	7
58	Early age of onset and broad cancer spectrum persist in MSH6- and PMS2-associated Lynch syndrome. Genetics in Medicine, 2022, 24, 1187-1195.	2.4	7
59	Paired Tumor-Normal Sequencing Provides Insights into TP53-Related Cancer Spectrum in Li-Fraumeni Patients. Journal of the National Cancer Institute, 2021, , .	6.3	6
60	Characterization of a novel germline BRCA1 splice variant, c.5332+4delA. Breast Cancer Research and Treatment, 2018, 168, 543-550.	2.5	5
61	A synonymous germline variant PALB2 c.18G>T (p.Gly6=) disrupts normal splicing in a family with pancreatic and breast cancers. Breast Cancer Research and Treatment, 2019, 173, 79-86.	2.5	4
62	Reticular dysgenesis caused by an intronic pathogenic variant in AK2. Journal of Physical Education and Sports Management, 2020, 6, a005017.	1.2	4
63	Clinical and Functional Significance of TP53 Exon 4â€“Intron 4 Splice Junction Variants. Molecular Cancer Research, 2022, 20, 207-216.	3.4	4
64	Inherited Germline Cancer Susceptibility Gene Variants in Individuals with Nonâ€“Muscle-Invasive Bladder Cancer. Clinical Cancer Research, 2022, 28, 4267-4277.	7.0	4
65	Genetic syndromes predisposing to pediatric brain tumors. Neuro-Oncology Practice, 2021, 8, 375-390.	1.6	3
66	Duty to Warn in the Era of Next Generation Sequencing. American Journal of Bioethics, 2018, 18, 79-80.	0.9	2
67	Concurrent Germline BRCA1/2 and Mismatch Repair Mutations in Young-Onset Pancreatic and Colorectal Cancer: The Importance of Comprehensive Germline and Somatic Characterization to Inform Therapeutic Options. JCO Precision Oncology, 2022, , .	3.0	2
68	Somatic data usage for classification of germ line variants. , 2021, , 169-192.		0
69	Toward more streamlined testing in pediatric oncology. Science Advances, 2022, 8, eabq2807.	10.3	0