

# Matthew D Eldridge

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

3,892  
citations

331670

21  
h-index

434195

31  
g-index

39  
all docs

39  
docs citations

39  
times ranked

7604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rearrangement processes and structural variations show evidence of selection in oesophageal adenocarcinomas. <i>Communications Biology</i> , 2022, 5, 335.	4.4	8
2	Allelic expression imbalance of PIK3CA mutations is frequent in breast cancer and prognostically significant. <i>Npj Breast Cancer</i> , 2022, 8, .	5.2	1
3	NRG1 fusions in breast cancer. <i>Breast Cancer Research</i> , 2021, 23, 3.	5.0	18
4	Fragmentation patterns and personalized sequencing of cell-free DNA in urine and plasma of glioma patients. <i>EMBO Molecular Medicine</i> , 2021, 13, e12881.	6.9	61
5	Genomic evidence supports a clonal diaspora model for metastases of esophageal adenocarcinoma. <i>Nature Genetics</i> , 2020, 52, 74-83.	21.4	53
6	ILC2-driven innate immune checkpoint mechanism antagonizes NK cell antimetastatic function in the lung. <i>Nature Immunology</i> , 2020, 21, 998-1009.	14.5	112
7	Genomic copy number predicts esophageal cancer years before transformation. <i>Nature Medicine</i> , 2020, 26, 1726-1732.	30.7	86
8	The mutREAD method detects mutational signatures from low quantities of cancer DNA. <i>Nature Communications</i> , 2020, 11, 3166.	12.8	9
9	Identification of Subtypes of Barrett's Esophagus and Esophageal Adenocarcinoma Based on DNA Methylation Profiles and Integration of Transcriptome and Genome Data. <i>Gastroenterology</i> , 2020, 158, 1682-1697.e1.	1.3	58
10	Comprehensive characterization of cell-free tumor DNA in plasma and urine of patients with renal tumors. <i>Genome Medicine</i> , 2020, 12, 23.	8.2	66
11	Transcriptomic profiling reveals three molecular phenotypes of adenocarcinoma at the gastroesophageal junction. <i>International Journal of Cancer</i> , 2019, 145, 3389-3401.	5.1	17
12	The landscape of selection in 551 esophageal adenocarcinomas defines genomic biomarkers for the clinic. <i>Nature Genetics</i> , 2019, 51, 506-516.	21.4	166
13	Enhanced detection of circulating tumor DNA by fragment size analysis. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	670
14	Copy number signatures and mutational processes in ovarian carcinoma. <i>Nature Genetics</i> , 2018, 50, 1262-1270.	21.4	320
15	A comparative analysis of whole genome sequencing of esophageal adenocarcinoma pre- and post-chemotherapy. <i>Genome Research</i> , 2017, 27, 902-912.	5.5	27
16	Disseminated Mycobacterium malmoense and Salmonella Infections Associated with a Novel Variant in NFKBIA. <i>Journal of Clinical Immunology</i> , 2017, 37, 415-418.	3.8	13
17	Impact of mutations in Toll-like receptor pathway genes on esophageal carcinogenesis. <i>PLoS Genetics</i> , 2017, 13, e1006808.	3.5	19
18	Mutational signatures in esophageal adenocarcinoma define etiologically distinct subgroups with therapeutic relevance. <i>Nature Genetics</i> , 2016, 48, 1131-1141.	21.4	332

#	ARTICLE	IF	CITATIONS
19	A Biobank of Breast Cancer Explants with Preserved Intra-tumor Heterogeneity to Screen Anticancer Compounds. <i>Cell</i> , 2016, 167, 260-274.e22.	28.9	376
20	The Early Effects of Rapid Androgen Deprivation on Human Prostate Cancer. <i>European Urology</i> , 2016, 70, 214-218.	1.9	56
21	Whole-genome sequencing of nine esophageal adenocarcinoma cell lines. <i>F1000Research</i> , 2016, 5, 1336.	1.6	23
22	Mobile element insertions are frequent in oesophageal adenocarcinomas and can mislead paired-end sequencing analysis. <i>BMC Genomics</i> , 2015, 16, 473.	2.8	21
23	Multi-genome alignment for quality control and contamination screening of next-generation sequencing data. <i>Frontiers in Genetics</i> , 2014, 5, 31.	2.3	24
24	Ordering of mutations in preinvasive disease stages of esophageal carcinogenesis. <i>Nature Genetics</i> , 2014, 46, 837-843.	21.4	302
25	Insertional mutagenesis identifies multiple networks of cooperating genes driving intestinal tumorigenesis. <i>Nature Genetics</i> , 2011, 43, 1202-1209.	21.4	172
26	Cooperative interaction between retinoic acid receptor- $\alpha$ and estrogen receptor in breast cancer. <i>Genes and Development</i> , 2010, 24, 171-182.	5.9	227
27	Stability of the AB crystal for asymmetric binary hard sphere mixtures. <i>Molecular Physics</i> , 1997, 90, 675-678.	1.7	75
28	Binary hard-sphere mixtures: a comparison between computer simulation and experiment. <i>Molecular Physics</i> , 1995, 84, 395-420.	1.7	78
29	Entropy-driven formation of a superlattice in a hard-sphere binary mixture. <i>Nature</i> , 1993, 365, 35-37.	27.8	321
30	A computer simulation investigation into the stability of the AB <sub>2</sub> superlattice in a binary hard sphere system. <i>Molecular Physics</i> , 1993, 80, 987-995.	1.7	61
31	The stability of the AB <sub>13</sub> crystal in a binary hard sphere system. <i>Molecular Physics</i> , 1993, 79, 105-120.	1.7	101
32	Clonal Diaspora in Metastatic Esophageal Adenocarcinoma Describes a New Model of Cancer Progression. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0