

# Kit Curtius

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3677886/publications.pdf>

Version: 2024-02-01

23  
papers

1,039  
citations

566801

15  
h-index

676716

22  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2029  
citing authors

#	ARTICLE	IF	CITATIONS
1	An evolutionary perspective on field cancerization. <i>Nature Reviews Cancer</i> , 2018, 18, 19-32.	12.8	316
2	The 2019 mathematical oncology roadmap. <i>Physical Biology</i> , 2019, 16, 041005.	0.8	147
3	Evolutionary history of human colitis-associated colorectal cancer. <i>Gut</i> , 2019, 68, 985-995.	6.1	97
4	Impact of Tumor Progression on Cancer Incidence Curves. <i>Cancer Research</i> , 2013, 73, 1086-1096.	0.4	84
5	Exploring the Recent Trend in Esophageal Adenocarcinoma Incidence and Mortality Using Comparative Simulation Modeling. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 997-1006.	1.1	61
6	A Molecular Clock Infers Heterogeneous Tissue Age Among Patients with Barrett's Esophagus. <i>PLoS Computational Biology</i> , 2016, 12, e1004919.	1.5	36
7	The Role of Gastroesophageal Reflux and Other Factors during Progression to Esophageal Adenocarcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1012-1023.	1.1	35
8	Specific Mechanisms of Chromosomal Instability Indicate Therapeutic Sensitivities in High-Grade Serous Ovarian Carcinoma. <i>Cancer Research</i> , 2020, 80, 4946-4959.	0.4	34
9	Computational modelling suggests that Barrett's oesophagus may be the precursor of all oesophageal adenocarcinomas. <i>Gut</i> , 2021, 70, 1435-1440.	6.1	31
10	From Colitis to Cancer: An Evolutionary Trajectory That Merges Maths and Biology. <i>Frontiers in Immunology</i> , 2018, 9, 2368.	2.2	27
11	Implications of Epigenetic Drift in Colorectal Neoplasia. <i>Cancer Research</i> , 2019, 79, 495-504.	0.4	26
12	A Multiscale Model Evaluates Screening for Neoplasia in Barrett's Esophagus. <i>PLoS Computational Biology</i> , 2015, 11, e1004272.	1.5	24
13	Evolution of Premalignant Disease. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017, 7, a026542.	2.9	23
14	Radiofrequency Ablation of Barrett's Esophagus Reduces Esophageal Adenocarcinoma Incidence and Mortality in a Comparative Modeling Analysis. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 1471-1474.	2.4	20
15	Identification of a key role of widespread epigenetic drift in Barrett's esophagus and esophageal adenocarcinoma. <i>Clinical Epigenetics</i> , 2017, 9, 113.	1.8	19
16	Multicentre derivation and validation of a colitis-associated colorectal cancer risk prediction web tool. <i>Gut</i> , 2022, 71, 705-715.	6.1	12
17	Cancer's second genome: Microbial cancer diagnostics and redefining clonal evolution as a multispecies process. <i>BioEssays</i> , 2022, 44, e2100252.	1.2	12
18	Review article: Lynch Syndrome—a mechanistic and clinical management update. <i>Alimentary Pharmacology and Therapeutics</i> , 2022, 55, 960-977.	1.9	8

#	ARTICLE	IF	CITATIONS
19	Optimal Timing for Cancer Screening and Adaptive Surveillance Using Mathematical Modeling. <i>Cancer Research</i> , 2021, 81, 1123-1134.	0.4	5
20	A novel use of random priming-based single-strand library preparation for whole genome sequencing of formalin-fixed paraffin-embedded tissue samples. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqz017.	1.5	4
21	Challenges in Determining the Role of Microbiome Evolution in Barrett's Esophagus and Progression to Esophageal Adenocarcinoma. <i>Microorganisms</i> , 2021, 9, 2003.	1.6	4
22	Modeling historic incidence trends implies early field cancerization in esophageal squamous cell carcinoma. <i>PLoS Computational Biology</i> , 2021, 17, e1008961.	1.5	2
23	HMO-3...Mapping field cancerisation and clonal evolution in IBD colons with dysplasia and CRC. , 2021, , .		0