

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

567281

15
h-index

677142

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. | 28.4 | 316 |
| 2 | The 2019 mathematical oncology roadmap. <i>Physical Biology</i> , 2019, 16, 041005. | 1.8 | 147 |
| 3 | Evolutionary history of human colitis-associated colorectal cancer. <i>Gut</i> , 2019, 68, 985-995. | 12.1 | 97 |
| 4 | Impact of Tumor Progression on Cancer Incidence Curves. <i>Cancer Research</i> , 2013, 73, 1086-1096. | 0.9 | 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. | 2.5 | 61 |
| 6 | A Molecular Clock Infers Heterogeneous Tissue Age Among Patients with Barrett's Esophagus. <i>PLoS Computational Biology</i> , 2016, 12, e1004919. | 3.2 | 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. | 2.5 | 35 |
| 8 | Specific Mechanisms of Chromosomal Instability Indicate Therapeutic Sensitivities in High-Grade Serous Ovarian Carcinoma. <i>Cancer Research</i> , 2020, 80, 4946-4959. | 0.9 | 34 |
| 9 | Computational modelling suggests that Barrett's oesophagus may be the precursor of all oesophageal adenocarcinomas. <i>Gut</i> , 2021, 70, 1435-1440. | 12.1 | 31 |
| 10 | From Colitis to Cancer: An Evolutionary Trajectory That Merges Maths and Biology. <i>Frontiers in Immunology</i> , 2018, 9, 2368. | 4.8 | 27 |
| 11 | Implications of Epigenetic Drift in Colorectal Neoplasia. <i>Cancer Research</i> , 2019, 79, 495-504. | 0.9 | 26 |
| 12 | A Multiscale Model Evaluates Screening for Neoplasia in Barrett's Esophagus. <i>PLoS Computational Biology</i> , 2015, 11, e1004272. | 3.2 | 24 |
| 13 | Evolution of Premalignant Disease. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017, 7, a026542. | 6.2 | 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. | 4.4 | 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. | 4.1 | 19 |
| 16 | Multicentre derivation and validation of a colitis-associated colorectal cancer risk prediction web tool. <i>Gut</i> , 2022, 71, 705-715. | 12.1 | 12 |
| 17 | Cancer's second genome: Microbial cancer diagnostics and redefining clonal evolution as a multispecies process. <i>BioEssays</i> , 2022, 44, e2100252. | 2.5 | 12 |
| 18 | Review article: Lynch Syndrome—a mechanistic and clinical management update. <i>Alimentary Pharmacology and Therapeutics</i> , 2022, 55, 960-977. | 3.7 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Optimal Timing for Cancer Screening and Adaptive Surveillance Using Mathematical Modeling. <i>Cancer Research</i> , 2021, 81, 1123-1134. | 0.9 | 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. | 3.2 | 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. | 3.6 | 4 |
| 22 | Modeling historic incidence trends implies early field cancerization in esophageal squamous cell carcinoma. <i>PLoS Computational Biology</i> , 2021, 17, e1008961. | 3.2 | 2 |
| 23 | HMO-3...Mapping field cancerisation and clonal evolution in IBD colons with dysplasia and CRC. , 2021, , . | | 0 |