

William D Hazelton

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,268
citations

471371

17
h-index

610775

24
g-index

26
all docs

26
docs citations

26
times ranked

1692
citing authors

#	ARTICLE	IF	CITATIONS
1	Benefits and Harms of Computed Tomography Lung Cancer Screening Strategies: A Comparative Modeling Study for the U.S. Preventive Services Task Force. <i>Annals of Internal Medicine</i> , 2014, 160, 311.	2.0	377
2	Biologically Based Analysis of the Data for the Colorado Uranium Miners Cohort: Age, Dose and Dose-Rate Effects. <i>Radiation Research</i> , 1999, 152, 339.	0.7	113
3	Multistage Carcinogenesis and Lung Cancer Mortality in Three Cohorts. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 1171-1181.	1.1	100
4	Analysis of a Historical Cohort of Chinese Tin Miners with Arsenic, Radon, Cigarette Smoke, and Pipe Smoke Exposures Using the Biologically Based Two-Stage Clonal Expansion Model. <i>Radiation Research</i> , 2001, 156, 78-94.	0.7	89
5	Impact of Tumor Progression on Cancer Incidence Curves. <i>Cancer Research</i> , 2013, 73, 1086-1096.	0.4	84
6	Epigenetic Aging: More Than Just a Clock When It Comes to Cancer. <i>Cancer Research</i> , 2020, 80, 367-374.	0.4	71
7	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
8	Cost Effectiveness of Screening Patients With Gastroesophageal Reflux Disease for Barrett's Esophagus With a Minimally Invasive Cell Sampling Device. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 1397-1404.e7.	2.4	51
9	Comparing Benefits from Many Possible Computed Tomography Lung Cancer Screening Programs: Extrapolating from the National Lung Screening Trial Using Comparative Modeling. <i>PLoS ONE</i> , 2014, 9, e99978.	1.1	38
10	The impact of overdiagnosis on the selection of efficient lung cancer screening strategies. <i>International Journal of Cancer</i> , 2017, 140, 2436-2443.	2.3	36
11	A Molecular Clock Infers Heterogeneous Tissue Age Among Patients with Barrett's Esophagus. <i>PLoS Computational Biology</i> , 2016, 12, e1004919.	1.5	36
12	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
13	Biomarker-Based Early Cancer Detection: Is It Achievable?. <i>Science Translational Medicine</i> , 2011, 3, 109fs9.	5.8	27
14	Implications of Epigenetic Drift in Colorectal Neoplasia. <i>Cancer Research</i> , 2019, 79, 495-504.	0.4	26
15	A Multiscale Model Evaluates Screening for Neoplasia in Barrett's Esophagus. <i>PLoS Computational Biology</i> , 2015, 11, e1004272.	1.5	24
16	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
17	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
18	Optimizing Management of Patients With Barrett's Esophagus and Low-Grade or No Dysplasia Based on Comparative Modeling. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 1961-1969.	2.4	15

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19	The Optimal Age to Stop Endoscopic Surveillance of Patients With Barrett's Esophagus Based on Sex and Comorbidity: A Comparative Cost-Effectiveness Analysis. <i>Gastroenterology</i> , 2021, 161, 487-494.e4.	0.6	15
20	Longitudinal multistage model for lung cancer incidence, mortality, and CT detected indolent and aggressive cancers. <i>Mathematical Biosciences</i> , 2012, 240, 20-34.	0.9	9
21	Endoscopic Screening Program for Control of Esophageal Adenocarcinoma in Varied Populations: A Comparative Cost-Effectiveness Analysis. <i>Gastroenterology</i> , 2022, 163, 163-173.	0.6	7
22	Prostaglandin H synthases: members of a class of quasi-linear threshold switches. <i>Biochemical Pharmacology</i> , 2004, 68, 423-432.	2.0	5
23	Optimal Timing for Cancer Screening and Adaptive Surveillance Using Mathematical Modeling. <i>Cancer Research</i> , 2021, 81, 1123-1134.	0.4	5
24	Modeling historic incidence trends implies early field cancerization in esophageal squamous cell carcinoma. <i>PLoS Computational Biology</i> , 2021, 17, e1008961.	1.5	2
25	Re: Think before you leap. <i>International Journal of Cancer</i> , 2018, 142, 1507-1509.	2.3	0