

# Summer S Han

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

3,279  
citations

172457

29  
h-index

161849

54  
g-index

100  
all docs

100  
docs citations

100  
times ranked

5350  
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.	3.9	377
2	Risk prediction models for selection of lung cancer screening candidates: A retrospective validation study. <i>PLoS Medicine</i> , 2017, 14, e1002277.	8.4	216
3	Evaluation of the Benefits and Harms of Lung Cancer Screening With Low-Dose Computed Tomography. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 988.	7.4	181
4	Von Hippel-Lindau (VHL) Inactivation in Sporadic Clear Cell Renal Cancer: Associations with Germline VHL Polymorphisms and Etiologic Risk Factors. <i>PLoS Genetics</i> , 2011, 7, e1002312.	3.5	168
5	Genes Controlling Affiliative Behavior as Candidate Genes for Autism. <i>Biological Psychiatry</i> , 2008, 63, 911-916.	1.3	157
6	Risk-Based lung cancer screening: A systematic review. <i>Lung Cancer</i> , 2020, 147, 154-186.	2.0	136
7	Common Genetic Polymorphisms Modify the Effect of Smoking on Absolute Risk of Bladder Cancer. <i>Cancer Research</i> , 2013, 73, 2211-2220.	0.9	107
8	Macrophage Migration Inhibitory Factor and Autism Spectrum Disorders. <i>Pediatrics</i> , 2008, 122, e438-e445.	2.1	103
9	Risk Stratification for Second Primary Lung Cancer. <i>Journal of Clinical Oncology</i> , 2017, 35, 2893-2899.	1.6	92
10	Impact of KRAS mutation subtype and concurrent pathogenic mutations on non-small cell lung cancer outcomes. <i>Lung Cancer</i> , 2019, 133, 144-150.	2.0	90
11	Durvalumab for Stage III EGFR-Mutated NSCLC After Definitive Chemoradiotherapy. <i>Journal of Thoracic Oncology</i> , 2021, 16, 1030-1041.	1.1	79
12	Variants in or near KITLG, BAK1, DMRT1, and TERT-CLPTM1L predispose to familial testicular germ cell tumour. <i>Journal of Medical Genetics</i> , 2011, 48, 473-476.	3.2	76
13	Development and Validation of a Multivariable Lung Cancer Risk Prediction Model That Includes Low-Dose Computed Tomography Screening Results. <i>JAMA Network Open</i> , 2019, 2, e190204.	5.9	70
14	Association of <i>Klotho</i> -VS Heterozygosity With Risk of Alzheimer Disease in Individuals Who Carry <i>APOE4</i> . <i>JAMA Neurology</i> , 2020, 77, 849.	9.0	69
15	A Comparative Modeling Analysis of Risk-Based Lung Cancer Screening Strategies. <i>Journal of the National Cancer Institute</i> , 2020, 112, 466-479.	6.3	67
16	Comparative analysis of 5 lung cancer natural history and screening models that reproduce outcomes of the NLST and PLCO trials. <i>Cancer</i> , 2014, 120, 1713-1724.	4.1	65
17	Higher Absolute Lymphocyte Counts Predict Lower Mortality from Early-Stage Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 2851-2858.	7.0	65
18	Comparison of Treatments for Cocaine Use Disorder Among Adults. <i>JAMA Network Open</i> , 2021, 4, e218049.	5.9	58

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19	Association of COVID-19 Vaccination With SARS-CoV-2 Infection in Patients With Cancer. <i>JAMA Oncology</i> , 2022, 8, 281.	7.1	57
20	Tobacco Smoking and Risk of Second Primary Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2021, 16, 968-979.	1.1	54
21	Genome-wide interaction study of smoking and bladder cancer risk. <i>Carcinogenesis</i> , 2014, 35, 1737-1744.	2.8	50
22	A machine learning approach for predictive models of adverse events following spine surgery. <i>Spine Journal</i> , 2019, 19, 1772-1781.	1.3	49
23	Disparities of National Lung Cancer Screening Guidelines in the US Population. <i>Journal of the National Cancer Institute</i> , 2020, 112, 1136-1142.	6.3	48
24	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.	2.5	38
25	Evaluating the impact of varied compliance to lung cancer screening recommendations using a microsimulation model. <i>Cancer Causes and Control</i> , 2017, 28, 947-958.	1.8	38
26	The chromosome 2p21 region harbors a complex genetic architecture for association with risk for renal cell carcinoma. <i>Human Molecular Genetics</i> , 2012, 21, 1190-1200.	2.9	37
27	Likelihood Ratio Test for Detecting Gene (G)-Environment (E) Interactions Under an Additive Risk Model Exploiting G-E Independence for Case-Control Data. <i>American Journal of Epidemiology</i> , 2012, 176, 1060-1067.	3.4	37
28	The impact of overdiagnosis on the selection of efficient lung cancer screening strategies. <i>International Journal of Cancer</i> , 2017, 140, 2436-2443.	5.1	36
29	Dry eye and sleep quality: a large community-based study in Hangzhou. <i>Sleep</i> , 2019, 42, .	1.1	34
30	Newly diagnosed glioblastoma: adverse socioeconomic factors correlate with delay in radiotherapy initiation and worse overall survival. <i>Journal of Radiation Research</i> , 2018, 59, i11-i18.	1.6	32
31	Cost-effectiveness Evaluation of the 2021 US Preventive Services Task Force Recommendation for Lung Cancer Screening. <i>JAMA Oncology</i> , 2021, 7, 1833.	7.1	29
32	Associations Between Body Fat, Muscle Mass, and Nonalcoholic Fatty Liver Disease: A Population-Based Study. <i>Hepatology Communications</i> , 2019, 3, 1061-1072.	4.3	27
33	Initial Provider Specialty Is Associated With Long-term Opiate Use in Patients With Newly Diagnosed Low Back and Lower Extremity Pain. <i>Spine</i> , 2019, 44, 211-218.	2.0	24
34	Coordinated Reset Vibrotactile Stimulation Induces Sustained Cumulative Benefits in Parkinson's Disease. <i>Frontiers in Physiology</i> , 2021, 12, 624317.	2.8	24
35	Comprehensive Analysis of 5-Aminolevulinic Acid Dehydrogenase (ALAD) Variants and Renal Cell Carcinoma Risk among Individuals Exposed to Lead. <i>PLoS ONE</i> , 2011, 6, e20432.	2.5	24
36	Cost-Effectiveness Analysis of Lung Cancer Screening Accounting for the Effect of Indeterminate Findings. <i>JNCI Cancer Spectrum</i> , 2019, 3, pkz035.	2.9	22

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37	Nonsteroidal anti-inflammatory drugs and other analgesic use and bladder cancer in northern New England. <i>International Journal of Cancer</i> , 2013, 132, 162-173.	5.1	20
38	Disparities in hepatocellular carcinoma incidence by race/ethnicity and geographic area in California: Implications for prevention. <i>Cancer</i> , 2018, 124, 3551-3559.	4.1	20
39	Functional Outcomes After Revascularization Procedures in Patients With Hemorrhagic Moyamoya Disease. <i>Neurosurgery</i> , 2020, 86, 257-265.	1.1	19
40	Clinical Course of Unilateral Moyamoya Disease. <i>Neurosurgery</i> , 2020, 87, 1262-1268.	1.1	19
41	Direct versus indirect bypass procedure for the treatment of ischemic moyamoya disease: results of an individualized selection strategy. <i>Journal of Neurosurgery</i> , 2021, 134, 1578-1589.	1.6	19
42	Associations between Genes in the One-Carbon Metabolism Pathway and Advanced Colorectal Adenoma Risk in Individuals with Low Folate Intake. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 417-427.	2.5	17
43	Metabolomic profiles in breast cancer: a pilot case-control study in the breast cancer family registry. <i>BMC Cancer</i> , 2018, 18, 532.	2.6	17
44	Genomic landscape of ductal carcinoma in situ and association with progression. <i>Breast Cancer Research and Treatment</i> , 2019, 178, 307-316.	2.5	17
45	Comprehensive Evaluation of One-Carbon Metabolism Pathway Gene Variants and Renal Cell Cancer Risk. <i>PLoS ONE</i> , 2011, 6, e26165.	2.5	16
46	Geographic variation in the surgical management of lumbar spondylolisthesis: characterizing practice patterns and outcomes. <i>Spine Journal</i> , 2018, 18, 2232-2238.	1.3	16
47	Treatment of posterior circulation fusiform aneurysms. <i>Journal of Neurosurgery</i> , 2021, 134, 1894-1900.	1.6	16
48	Circadian genes and risk of prostate cancer in the prostate cancer prevention trial. <i>Molecular Carcinogenesis</i> , 2018, 57, 462-466.	2.7	15
49	Sex differences in symptom presentation and functional outcomes: a pilot study in a matched sample of veterans with mild TBI. <i>Brain Injury</i> , 2020, 34, 535-547.	1.2	14
50	The Survival Impact of Second Primary Lung Cancer in Patients With Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2022, 114, 618-625.	6.3	13
51	An exposure-weighted score test for genetic associations integrating environmental risk factors. <i>Biometrics</i> , 2015, 71, 596-605.	1.4	11
52	Inference From a Multiplicative Model of Joint Genetic Effects for Ovarian Cancer Risk. <i>Journal of the National Cancer Institute</i> , 2011, 103, 82-83.	6.3	10
53	A variant in <i>PPP4R3A</i> protects against alzheimer-related metabolic decline. <i>Annals of Neurology</i> , 2017, 82, 900-911.	5.3	10
54	Review of Statistical Methods for Gene-Environment Interaction Analysis. <i>Current Epidemiology Reports</i> , 2018, 5, 39-45.	2.4	10

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55	KL <sup>+</sup> -VS heterozygosity reduces brain amyloid in asymptomatic at-risk APOE <sup>ε</sup> -4 carriers. <i>Neurobiology of Aging</i> , 2021, 101, 123-129.	3.1	10
56	Development and Validation of a Risk Prediction Model for Second Primary Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2022, 114, 87-96.	6.3	10
57	Increased COVID-19 breakthrough infection risk in patients with plasma cell disorders. <i>Blood</i> , 2022, 140, 782-785.	1.4	10
58	Natural Disease History, Outcomes, and Co-mutations in a Series of Patients With BRAF-Mutated Non- <sup>ε</sup> small-cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2019, 20, e208-e217.	2.6	9
59	Predictive modeling of long-term opioid and benzodiazepine use after intradural tumor resection. <i>Spine Journal</i> , 2021, 21, 1687-1699.	1.3	9
60	Metabolomic profiling for second primary lung cancer: A pilot case-control study. <i>Lung Cancer</i> , 2021, 155, 61-67.	2.0	8
61	Smoking Cessation After Lung Cancer Diagnosis and the Risk of Second Primary Lung Cancer: The Multiethnic Cohort Study. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkab076.	2.9	8
62	Racial and Ethnic Disparities in Lung Cancer Screening by the 2021 USPSTF Guidelines Versus Risk-Based Criteria: The Multiethnic Cohort Study. <i>JNCI Cancer Spectrum</i> , 2022, 6, .	2.9	7
63	Testing for Gene- <sup>ε</sup> Environment and Gene- <sup>ε</sup> Gene Interactions Under Monotonicity Constraints. <i>Journal of the American Statistical Association</i> , 2012, 107, 1441-1452.	3.1	6
64	Impact of CyberKnife Radiosurgery on Overall Survival and Various Parameters of Patients with 1-3 versus <sup>ε</sup> 4 Brain Metastases. <i>Cureus</i> , 2017, 9, e1798.	0.5	6
65	Palliative Total Pelvic Exenteration for Gynecologic Cancers: A Cross-sectional Study of Society of Gynecologic Oncology Members. <i>International Journal of Gynecological Cancer</i> , 2018, 28, 1796-1804.	2.5	6
66	Intracranial Hemorrhage in Deep Vein Thrombosis/Pulmonary Embolus Patients Without Atrial Fibrillation. <i>Stroke</i> , 2018, 49, 1866-1871.	2.0	6
67	Surgical Treatment of Recurrent Previously Coiled and/or Stent-Coiled Intracerebral Aneurysms: A Single-Center Experience in a Series of 75 Patients. <i>World Neurosurgery</i> , 2019, 124, e649-e658.	1.3	6
68	Clinical factors associated with mortality within three months after radiosurgery of asymptomatic brain metastases from non-small cell lung cancer. <i>Journal of Neuro-Oncology</i> , 2018, 140, 705-715.	2.9	5
69	Epidermal Growth Factor Receptor Mutation Status Confers Survival Benefit in Patients with Non-Small-Cell Lung Cancer Undergoing Surgical Resection of Brain Metastases: A Retrospective Cohort Study. <i>World Neurosurgery</i> , 2019, 125, e487-e496.	1.3	5
70	Utility of a Quantitative Approach Using Diffusion Tensor Imaging for Prognostication Regarding Motor and Functional Outcomes in Patients With Surgically Resected Deep Intracranial Cavernous Malformations. <i>Neurosurgery</i> , 2020, 86, 665-675.	1.1	5
71	Deep Brain Stimulation Results in Greater Symptomatic Improvement in Tourette Syndrome than Conservative Measures: A Meta-Analysis. <i>Stereotactic and Functional Neurosurgery</i> , 2020, 98, 270-277.	1.5	5
72	Treatment and Monitoring Variability in US Metastatic Breast Cancer Care. <i>JCO Clinical Cancer Informatics</i> , 2021, 5, 600-614.	2.1	5

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73	Hemorrhage risk of direct oral anticoagulants in real-world venous thromboembolism patients. <i>Thrombosis Research</i> , 2021, 204, 126-133.	1.7	5
74	Challenges at the APOE locus: a robust quality control approach for accurate APOE genotyping. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 22.	6.2	5
75	Reconsidering the asymptotic null distribution of likelihood ratio tests for genetic linkage in multivariate variance components models under complete pleiotropy. <i>Biostatistics</i> , 2010, 11, 226-241.	1.5	4
76	Impact of CyberKnife Radiosurgery on Median Overall Survival of Various Parameters in Patients with 1-12 Brain Metastases. <i>Cureus</i> , 2017, 9, e1926.	0.5	4
77	Staged Surgical Resection of Brain Arteriovenous Malformations. <i>World Neurosurgery</i> , 2021, 146, e925-e930.	1.3	3
78	Predictors of visual functional outcome following treatment for cavernous sinus meningioma. <i>Journal of Neurosurgery</i> , 2021, 134, 1435-1446.	1.6	3
79	Response to comment on "Impact of KRAS mutation subtype and concurrent pathogenic mutations on non-small cell lung cancer outcomes". <i>Lung Cancer</i> , 2019, 137, 159-160.	2.0	2
80	A Likelihood Ratio Test for Gene-Environment Interaction Based on the Trend Effect of Genotype Under an Additive Risk Model Using the Gene-Environment Independence Assumption. <i>American Journal of Epidemiology</i> , 2021, 190, 129-141.	3.4	2
81	Impact of Low-Dose Computed Tomography Screening for Primary Lung Cancer on Subsequent Risk of Brain Metastasis. <i>Journal of Thoracic Oncology</i> , 2021, 16, 1479-1489.	1.1	2
82	Caution Needed for Analyzing the Risks of Second Cancers. <i>Journal of Thoracic Oncology</i> , 2018, 13, e172-e173.	1.1	1
83	Basal ganglia cavernous malformations: case series and systematic review of surgical management and long-term outcomes. <i>Journal of Neurosurgery</i> , 2021, 135, 1113-1121.	1.6	1
84	External validation of a predictive model of adverse events following spine surgery. <i>Spine Journal</i> , 2021, , .	1.3	1
85	Inadequate Sars-Cov-2 Vaccine Effectiveness in Patients with Multiple Myeloma: A Large Nationwide Veterans Affairs Study. <i>Blood</i> , 2021, 138, 400-400.	1.4	1
86	Elevated cerebrospinal fluid iron and ferritin associated with early severe ventriculomegaly in preterm posthemorrhagic hydrocephalus. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 30, 169-176.	1.3	1
87	A case-control study of healthcare disparities in sex and gender minority patients with breast cancer.. <i>Journal of Clinical Oncology</i> , 2022, 40, 6517-6517.	1.6	1
88	Re: Think before you leap. <i>International Journal of Cancer</i> , 2018, 142, 1507-1509.	5.1	0
89	A Robust Test for Additive Gene-Environment Interaction Under the Trend Effect of Genotype Using an Empirical Bayes-Type Shrinkage Estimator. <i>American Journal of Epidemiology</i> , 2021, 190, 1948-1960.	3.4	0
90	Radiosurgery as a microsurgical adjunct: outcomes after microsurgical resection of intracranial arteriovenous malformations previously treated with stereotactic radiosurgery. <i>Journal of Neurosurgery</i> , 2022, 136, 185-196.	1.6	0

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91	A Moving Target: Integration of Smoking Cessation Into Screening for Second Primary Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2021, 16, e59-e60.	1.1	0
92	Abstract TP211: Plasma Cytokine Levels Differ Between Primary and Syndromic Moyamoya and Pediatric and Adult Moyamoya Disease. <i>Stroke</i> , 2017, 48, .	2.0	0
93	Prognostic impact of <i>KRAS</i> mutation subtype and concurrent genetic mutations in non-small cell lung cancer.. <i>Journal of Clinical Oncology</i> , 2018, 36, e21023-e21023.	1.6	0
94	Utility of Diffusion Tensor Imaging Tractography in Evaluating Motor Examination and Functional Outcomes in Patients with Surgically Resected Deep Intracranial Cavernous Malformations: A Preliminary Model. , 2019, 80, .		0
95	Impact of dual-eligible status on survival in Medicare patients with lung cancer.. <i>Journal of Clinical Oncology</i> , 2019, 37, 149-149.	1.6	0
96	Linking insurance claims across time to characterize treatment, monitoring, and end-of-life care in metastatic breast cancer.. <i>Journal of Clinical Oncology</i> , 2020, 38, 7063-7063.	1.6	0
97	An integrated risk model stratifying seizure risk following brain tumor resection among seizure-naive patients without antiepileptic prophylaxis. <i>Neurosurgical Focus</i> , 2022, 52, E3.	2.3	0
98	The Gastric Cancer Registry: A Genomic Translational Resource for Multidisciplinary Research in Gastric Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 0, , .	2.5	0