

Wayne Koch, Facs

List of Publications by Year in descending order

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95
papers

8,325
citations

94433

37
h-index

49909

87
g-index

96
all docs

96
docs citations

96
times ranked

9580
citing authors

#	ARTICLE	IF	CITATIONS
1	Case-Control Study of Human Papillomavirus and Oropharyngeal Cancer. <i>New England Journal of Medicine</i> , 2007, 356, 1944-1956.	27.0	2,345
2	Frequency of homozygous deletion at p16/CDKN2 in primary human tumours. <i>Nature Genetics</i> , 1995, 11, 210-212.	21.4	593
3	Microsatellite alterations in serum DNA of head and neck cancer patients. <i>Nature Medicine</i> , 1996, 2, 1035-1037.	30.7	570
4	Detection of somatic mutations and HPV in the saliva and plasma of patients with head and neck squamous cell carcinomas. <i>Science Translational Medicine</i> , 2015, 7, 293ra104.	12.4	372
5	Cystic lymph node metastasis in patients with head and neck cancer: An HPV-associated phenomenon. <i>Head and Neck</i> , 2008, 30, 898-903.	2.0	353
6	Detection of Transcriptionally Active High-risk HPV in Patients With Head and Neck Squamous Cell Carcinoma as Visualized by a Novel E6/E7 mRNA In Situ Hybridization Method. <i>American Journal of Surgical Pathology</i> , 2012, 36, 1874-1882.	3.7	308
7	16S rRNA amplicon sequencing identifies microbiota associated with oral cancer, human papilloma virus infection and surgical treatment. <i>Oncotarget</i> , 2016, 7, 51320-51334.	1.8	237
8	Head and Neck Cancer in CNonsmokers: A Distinct Clinical and Molecular Entity. <i>Laryngoscope</i> , 1999, 109, 1544-1551.	2.0	216
9	The prognostic role of sex, race, and human papillomavirus in oropharyngeal and nonoropharyngeal head and neck squamous cell cancer. <i>Cancer</i> , 2017, 123, 1566-1575.	4.1	187
10	Saliva and Plasma Quantitative Polymerase Chain Reaction-Based Detection and Surveillance of Human Papillomavirus-Related Head and Neck Cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2014, 140, 846.	2.2	181
11	Tadalafil Augments Tumor Specific Immunity in Patients with Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2015, 21, 30-38.	7.0	158
12	Head and Neck PET/CT: Therapy Response Interpretation Criteria (Hopkins Criteria) Interreader Reliability, Accuracy, and Survival Outcomes. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1411-1416.	5.0	156
13	Key tumor suppressor genes inactivated by greater promoter methylation and somatic mutations in head and neck cancer. <i>Epigenetics</i> , 2014, 9, 1031-1046.	2.7	122
14	Surgical salvage improves overall survival for patients with HPV-positive and HPV-negative recurrent locoregional and distant metastatic oropharyngeal cancer. <i>Cancer</i> , 2015, 121, 1977-1984.	4.1	116
15	Increasing prevalence of human papillomavirus-positive oropharyngeal cancers among older adults. <i>Cancer</i> , 2018, 124, 2993-2999.	4.1	111
16	Occult tonsillar carcinoma in the unknown primary. <i>Laryngoscope</i> , 1998, 108, 1605-1610.	2.0	102
17	Cystic metastasis from head and neck squamous cell cancer: A distinct disease variant?. <i>Head and Neck</i> , 2006, 28, 633-638.	2.0	101
18	Novel Insight into Mutational Landscape of Head and Neck Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2014, 9, e93102.	2.5	87

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19	The American Society of Anesthesiologists' class as a comorbidity index in a cohort of head and neck cancer surgical patients. <i>Head and Neck</i> , 2001, 23, 985-994.	2.0	86
20	p53-Reactivating small molecules induce apoptosis and enhance chemotherapeutic cytotoxicity in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2011, 47, 8-15.	1.5	86
21	High-resolution microbiome profiling uncovers <i>Fusobacterium nucleatum</i> , <i>Lactobacillus gasseri/johnsonii</i> , and <i>Lactobacillus vaginalis</i> associated to oral and oropharyngeal cancer in saliva from HPV positive and HPV negative patients treated with surgery and chemo-radiation. <i>Oncotarget</i> , 2017, 8, 110931-110948.	1.8	79
22	Transoral robotic surgical resection followed by randomization to low- or standard-dose IMRT in resectable p16+ locally advanced oropharynx cancer: A trial of the ECOG-ACRIN Cancer Research Group (E3311). <i>Journal of Clinical Oncology</i> , 2020, 38, 6500-6500.	1.6	79
23	Notch1 Mutations Are Drivers of Oral Tumorigenesis. <i>Cancer Prevention Research</i> , 2015, 8, 277-286.	1.5	78
24	Global Burden of Head and Neck Cancer: Economic Consequences, Health, and the Role of Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 162, 296-303.	1.9	78
25	Assessment of the Predictive Value of the Modified Frailty Index for Clavien-Dindo Grade IV Critical Care Complications in Major Head and Neck Cancer Operations. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2016, 142, 658.	2.2	77
26	Clinical, genomic, and metagenomic characterization of oral tongue squamous cell carcinoma in patients who do not smoke. <i>Head and Neck</i> , 2015, 37, 1642-1649.	2.0	66
27	The Platysma Myocutaneous Flap: Underused Alternative for Head and Neck Reconstruction. <i>Laryngoscope</i> , 2002, 112, 1204-1208.	2.0	65
28	Priorities, concerns, and regret among patients with head and neck cancer. <i>Cancer</i> , 2019, 125, 1281-1289.	4.1	61
29	NF- κ B and stat3 transcription factor signatures differentiate HPV-positive and HPV-negative head and neck squamous cell carcinoma. <i>International Journal of Cancer</i> , 2015, 137, 1879-1889.	5.1	51
30	Evaluation of proposed staging systems for human papillomavirus-related oropharyngeal squamous cell carcinoma. <i>Cancer</i> , 2017, 123, 1768-1777.	4.1	51
31	Comparison of Clinical and Pathological Staging in Head and Neck Squamous Cell Carcinoma. <i>JAMA Otolaryngology</i> , 2009, 135, 851.	1.2	50
32	Integrated Analysis of Whole-Genome ChIP-Seq and RNA-Seq Data of Primary Head and Neck Tumor Samples Associates HPV Integration Sites with Open Chromatin Marks. <i>Cancer Research</i> , 2017, 77, 6538-6550.	0.9	50
33	Utility of preoperative fine needle aspiration in parotid lesions. <i>Laryngoscope</i> , 2018, 128, 398-402.	2.0	48
34	HPV E2, E4, E5 drive alternative carcinogenic pathways in HPV positive cancers. <i>Oncogene</i> , 2020, 39, 6327-6339.	5.9	48
35	Characterization of functionally active gene fusions in human papillomavirus related oropharyngeal squamous cell carcinoma. <i>International Journal of Cancer</i> , 2016, 139, 373-382.	5.1	44
36	Cleaved NOTCH1 Expression Pattern in Head and Neck Squamous Cell Carcinoma Is Associated with NOTCH1 Mutation, HPV Status, and High-Risk Features. <i>Cancer Prevention Research</i> , 2015, 8, 287-295.	1.5	43

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37	Outlier Analysis Defines Zinc Finger Gene Family DNA Methylation in Tumors and Saliva of Head and Neck Cancer Patients. PLoS ONE, 2015, 10, e0142148.	2.5	41
38	Correlation of gene methylation in surgical margin imprints with locoregional recurrence in head and neck squamous cell carcinoma. Cancer, 2015, 121, 1957-1965.	4.1	40
39	Serum Antibodies to HPV16 Early Proteins Warrant Investigation as Potential Biomarkers for Risk Stratification and Recurrence of HPV-Associated Oropharyngeal Cancer. Cancer Prevention Research, 2016, 9, 135-141.	1.5	40
40	An allelotype of papillary thyroid cancer. , 1996, 69, 442-444.		34
41	Human papillomavirus status of head and neck cancer as determined in cytologic specimens using the hybrid-capture 2 assay. Oral Oncology, 2014, 50, 600-604.	1.5	32
42	An integrated genome-wide approach to discover deregulated microRNAs in non-small cell lung cancer: Clinical significance of miR-23b-3p deregulation. Scientific Reports, 2015, 5, 13236.	3.3	32
43	Advantages of mandibular reconstruction with the titanium hollow screw osseointegrating reconstruction plate (THORP). Laryngoscope, 1994, 104, 545-552.	2.0	29
44	Age and stage as determinants of treatment for oral cavity and oropharyngeal cancers in the elderly. Oral Oncology, 2014, 50, 976-982.	1.5	27
45	Clinical Features of HPV-Related Head and Neck Squamous Cell Carcinoma. Otolaryngologic Clinics of North America, 2012, 45, 779-793.	1.1	25
46	Determinants of Medicare Costs for Elderly Patients With Oral Cavity and Pharyngeal Cancers. JAMA Otolaryngology - Head and Neck Surgery, 2015, 141, 628.	2.2	25
47	Nutritional Status as a Predictive Biomarker for Immunotherapy Outcomes in Advanced Head and Neck Cancer. Cancers, 2021, 13, 5772.	3.7	25
48	Head and neck surgical subspecialty training in Africa: Sustainable models to improve cancer care in developing countries. Head and Neck, 2017, 39, 605-611.	2.0	24
49	Validation of nucleolar protein 4 as a novel methylated tumor suppressor gene in head and neck cancer. Oncology Reports, 2014, 31, 1014-1020.	2.6	22
50	Health-related quality of life before and after head and neck squamous cell carcinoma: Analysis of the Surveillance, Epidemiology, and End Resultsâ€“Medicare Health Outcomes Survey linkage. Cancer, 2016, 122, 1861-1870.	4.1	22
51	Prospective randomized trial of high versus low negative pressure suction in management of chyle fistula after neck dissection for metastatic thyroid carcinoma. Head and Neck, 2012, 34, 1711-1715.	2.0	21
52	Paired Box 5 Methylation Detection by Droplet Digital PCR for Ultra-Sensitive Deep Surgical Margins Analysis of Head and Neck Squamous Cell Carcinoma. Cancer Prevention Research, 2015, 8, 1017-1026.	1.5	21
53	Prognostic factors for human papillomavirusâ€“positive and negative oropharyngeal carcinomas. Laryngoscope, 2018, 128, E288-E296.	2.0	20
54	Updated report of a phase II randomized trial of transoral surgical resection followed by low-dose or standard postoperative therapy in resectable p16+ locally advanced oropharynx cancer: A trial of the ECOG-ACRIN cancer research group (E3311).. Journal of Clinical Oncology, 2021, 39, 6010-6010.	1.6	20

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55	Tissue imprint for molecular mapping of deep surgical margins in patients with head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2012, 34, 1529-1536.	2.0	19
56	Priorities of human papillomavirus-associated oropharyngeal cancer patients at diagnosis and after treatment. <i>Oral Oncology</i> , 2019, 95, 11-15.	1.5	19
57	<i>JAK3</i> Variant, Immune Signatures, DNA Methylation, and Social Determinants Linked to Survival Racial Disparities in Head and Neck Cancer Patients. <i>Cancer Prevention Research</i> , 2019, 12, 255-270.	1.5	19
58	Distinct biomarker and behavioral profiles of human papillomavirus-related oropharynx cancer patients by age. <i>Oral Oncology</i> , 2020, 101, 104522.	1.5	19
59	GULP1 regulates the NRF2-KEAP1 signaling axis in urothelial carcinoma. <i>Science Signaling</i> , 2020, 13, .	3.6	19
60	Innovative Rapid Gene Methylation Analysis of Surgical Margin Tissues in Head and Neck Cancer. <i>Annals of Surgical Oncology</i> , 2014, 21, 3124-3131.	1.5	18
61	Axillary nodal metastases in head and neck cancer. , 1999, 21, 269-272.		17
62	Short- and long-term outcomes of oropharyngeal cancer care in the elderly. <i>Laryngoscope</i> , 2018, 128, 2084-2093.	2.0	16
63	Integrative computational analysis of transcriptional and epigenetic alterations implicates <i>DTX1</i> as a putative tumor suppressor gene in HNSCC. <i>Oncotarget</i> , 2017, 8, 15349-15363.	1.8	16
64	Comparison of next generation sequencing, droplet digital PCR, and quantitative real-time PCR for the earlier detection and quantification of HPV in HPV-positive oropharyngeal cancer. <i>Oral Oncology</i> , 2022, 128, 105805.	1.5	16
65	Functional characterization of alternatively spliced GSN in head and neck squamous cell carcinoma. <i>Translational Research</i> , 2018, 202, 109-119.	5.0	15
66	African Head and Neck Society Clinical Practice guidelines for thyroid nodules and cancer in developing countries and limited resource settings. <i>Head and Neck</i> , 2020, 42, 1746-1756.	2.0	15
67	An Immunogenomic Investigation of Oral Cavity Squamous Cell Carcinoma in Patients Aged 45% Years and Younger. <i>Laryngoscope</i> , 2021, 131, 304-311.	2.0	14
68	Development and external validation of a risk prediction model to predict 5-year overall survival in advanced larynx cancer. <i>Laryngoscope</i> , 2018, 128, 1140-1145.	2.0	12
69	HEY1 is expressed independent of NOTCH1 and is associated with poor prognosis in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2018, 82, 168-175.	1.5	12
70	Clinical implications of biomarkers in head and neck cancer. <i>Current Oncology Reports</i> , 1999, 1, 129-137.	4.0	11
71	A Failsafe Technique for Endoscopic Tracheoesophageal Puncture. <i>Laryngoscope</i> , 2001, 111, 1663-1665.	2.0	11
72	African head and neck fellowships: A model for a sustainable impact on head and neck cancer care in developing countries. <i>Head and Neck</i> , 2019, 41, 1824-1829.	2.0	11

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73	Molecular markers of radiation effectiveness in head and neck squamous cell carcinoma. <i>Seminars in Radiation Oncology</i> , 2004, 14, 130-138.	2.2	10
74	Pilot randomized controlled trial of a comprehensive smoking cessation intervention for patients with upper aerodigestive cancer undergoing radiotherapy. <i>Head and Neck</i> , 2018, 40, 1534-1547.	2.0	10
75	Total laryngectomy with tracheoesophageal conduit. <i>Otolaryngologic Clinics of North America</i> , 2002, 35, 1081-1096.	1.1	8
76	Squamous Cell Carcinoma of the Sinonasal Cavity Arising as a Second Primary in Individuals with Head and Neck Cancer. <i>Laryngoscope</i> , 2006, 116, 696-699.	2.0	8
77	Cetuximab activity in dysplastic lesions of the upper aerodigestive tract. <i>Oral Oncology</i> , 2016, 53, 60-66.	1.5	8
78	Association of Tumor Site With the Prognosis and Immunogenomic Landscape of Human Papillomavirus-Related Head and Neck and Cervical Cancers. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021, , .	2.2	8
79	Oral Human Papillomavirus Infection and Head and Neck Squamous Cell Carcinoma in Rural Northwest Cameroon. <i>OTO Open</i> , 2019, 3, 2473974X1881841.	1.4	7
80	Intraoperative hypertensive crisis due to a catecholamine-secreting esthesioneuroblastoma. <i>Head and Neck</i> , 2015, 37, E74-80.	2.0	6
81	The Role of Age and Merkel Cell Polyomavirus in Oral Cavity Cancers. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 163, 1194-1197.	1.9	5
82	Outcomes by tobacco history in E3311, a phase II trial of transoral surgery (TOS) followed by pathology-based adjuvant treatment in HPV-associated (HPV+) oropharynx cancer (OPC): A trial of the ECOG-ACRIN Cancer Research Group.. <i>Journal of Clinical Oncology</i> , 2022, 40, 6077-6077.	1.6	5
83	Oncogene mutations as intermediate markers. <i>Journal of Cellular Biochemistry</i> , 1993, 53, 184-187.	2.6	4
84	A phase I (Ph1) study of dasatinib (D) with cetuximab (Cet) /radiation (IMRT) +/- cisplatin (P) in stage II, III/IV head and neck squamous cell carcinoma (HNSCC).. <i>Journal of Clinical Oncology</i> , 2015, 33, e17036-e17036.	1.6	4
85	Quality indicators of oropharyngeal cancer care in the elderly. <i>Laryngoscope</i> , 2018, 128, 2312-2319.	2.0	3
86	Surgeon Volume and Laryngectomy Outcomes. <i>Laryngoscope</i> , 2023, 133, 834-840.	2.0	2
87	2009 American Head and Neck Society Presidential Address < subtitle> Going Global, Reaching Out</subtitle> < alt-title> 2009 AHNS Presidential Address</alt-title>. <i>JAMA Otolaryngology</i> , 2009, 135, 1074.	1.2	1
88	Dysphagia in oropharyngeal squamous cell carcinoma in perspective. <i>Cancer</i> , 2017, 123, 3003-3004.	4.1	1
89	The prognostic role of gender, race and human papillomavirus (HPV) in oropharyngeal squamous cell cancer (OPC) and non-oropharyngeal head and neck squamous cell cancer (non-OP HNC).. <i>Journal of Clinical Oncology</i> , 2016, 34, 6068-6068.	1.6	1
90	Summary of panel discussion on future research directions. <i>Head & Neck</i> , 1988, 10, S161-S161.	0.3	0

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91	Volume-Based Trends in Parotid Surgery. <i>Laryngoscope</i> , 2010, 120, S32-S32.	2.0	0
92	High-risk human papillomavirus positive primary squamous cell carcinoma of the lacrimal gland: a case report. <i>Orbit</i> , 2021, 40, 65-68.	0.8	0
93	Otolaryngology burden of disease and surgical case triage in resource-limited settings: An example from Cameroon. <i>Laryngoscope Investigative Otolaryngology</i> , 2021, 6, 177-182.	1.5	0
94	AfHNS fellowship: Model to improve access to head and neck cancer care in Africa and developing countries. <i>Head and Neck</i> , 2021, 43, 2907-2912.	2.0	0
95	Evaluation of computational tools to determine prognostic significance of TP53 mutation in head and neck squamous cell carcinoma (HNSCC).. <i>Journal of Clinical Oncology</i> , 2014, 32, 6035-6035.	1.6	0