

Joseph A Califano

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,277
citations

136950

32
h-index

161849

54
g-index

82
all docs

82
docs citations

82
times ranked

5508
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Tadalafil Reduces Myeloid-Derived Suppressor Cells and Regulatory T Cells and Promotes Tumor Immunity in Patients with Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2015, 21, 39-48.	7.0	211
3	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
4	Positive Surgical Margins in the 10 Most Common Solid Cancers. <i>Scientific Reports</i> , 2018, 8, 5686.	3.3	162
5	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
6	Key tumor suppressor genes inactivated by CpG greater promoter methylation and somatic mutations in head and neck cancer. <i>Epigenetics</i> , 2014, 9, 1031-1046.	2.7	122
7	B Cells Improve Overall Survival in HPV-Associated Squamous Cell Carcinomas and Are Activated by Radiation and PD-1 Blockade. <i>Clinical Cancer Research</i> , 2020, 26, 3345-3359.	7.0	117
8	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
9	Novel Insight into Mutational Landscape of Head and Neck Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2014, 9, e93102.	2.5	87
10	Comparison of Tumor Classifications for Cutaneous Squamous Cell Carcinoma of the Head and Neck in the 7th vs 8th Edition of the <i>AJCC Cancer Staging Manual</i> . <i>JAMA Dermatology</i> , 2018, 154, 175.	4.1	87
11	Immune Modulation of Head and Neck Squamous Cell Carcinoma and the Tumor Microenvironment by Conventional Therapeutics. <i>Clinical Cancer Research</i> , 2019, 25, 4211-4223.	7.0	85
12	Prophylactic Swallow Therapy for Patients with Head and Neck Cancer Undergoing Chemoradiotherapy: A Randomized Trial. <i>Dysphagia</i> , 2017, 32, 487-500.	1.8	75
13	Variations in HPV function are associated with survival in squamous cell carcinoma. <i>JCI Insight</i> , 2019, 4, .	5.0	67
14	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
15	Chronic Opioid Use Following Surgery for Oral Cavity Cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017, 143, 1187.	2.2	54
16	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
17	HPV E2, E4, E5 drive alternative carcinogenic pathways in HPV positive cancers. <i>Oncogene</i> , 2020, 39, 6327-6339.	5.9	48
18	MIR-124 acts as a tumor suppressor by inhibiting the expression of sphingosine kinase 1 and its downstream signaling in head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2017, 8, 25005-25020.	1.8	47

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19	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
20	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
21	Outlier Analysis Defines Zinc Finger Gene Family DNA Methylation in Tumors and Saliva of Head and Neck Cancer Patients. <i>PLoS ONE</i> , 2015, 10, e0142148.	2.5	41
22	A Novel Functional Splice Variant of <i>AKT3</i> Defined by Analysis of Alternative Splice Expression in HPV-Positive Oropharyngeal Cancers. <i>Cancer Research</i> , 2017, 77, 5248-5258.	0.9	41
23	Functions of MiRNA-128 on the Regulation of Head and Neck Squamous Cell Carcinoma Growth and Apoptosis. <i>PLoS ONE</i> , 2015, 10, e0116321.	2.5	41
24	Pharyngocutaneous fistula after total laryngectomy: A single-institution experience, 2001-2012. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2015, 36, 24-31.	1.3	39
25	Disruption of the HER3-PI3K-mTOR oncogenic signaling axis and PD-1 blockade as a multimodal precision immunotherapy in head and neck cancer. <i>Nature Communications</i> , 2021, 12, 2383.	12.8	39
26	Molecular alterations associated with chronic exposure to cigarette smoke and chewing tobacco in normal oral keratinocytes. <i>Cancer Biology and Therapy</i> , 2018, 19, 773-785.	3.4	37
27	A dual specificity kinase, <i>DYRK1A</i> , as a potential therapeutic target for head and neck squamous cell carcinoma. <i>Scientific Reports</i> , 2016, 6, 36132.	3.3	36
28	Neutrophil-to-lymphocyte ratio: Prognostic indicator for head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2017, 39, 662-667.	2.0	36
29	Acoustic Nanomotors for Detection of Human Papillomavirus-Associated Head and Neck Cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 161, 814-822.	1.9	36
30	Expression Microarray Analysis Reveals Alternative Splicing of <i>LAMA3</i> and <i>DST</i> Genes in Head and Neck Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2014, 9, e91263.	2.5	35
31	mTOR inhibition prevents rapid-onset of carcinogen-induced malignancies in a novel inducible HPV-16 E6/E7 mouse model. <i>Carcinogenesis</i> , 2016, 37, 1014-1025.	2.8	35
32	Transcervical Ultrasonography Is Feasible to Visualize and Evaluate Base of Tongue Cancers. <i>PLoS ONE</i> , 2014, 9, e87565.	2.5	34
33	Cigarette smoke and chewing tobacco alter expression of different sets of miRNAs in oral keratinocytes. <i>Scientific Reports</i> , 2018, 8, 7040.	3.3	34
34	Role of protein kinase N2 (PKN2) in cigarette smoke-mediated oncogenic transformation of oral cells. <i>Journal of Cell Communication and Signaling</i> , 2018, 12, 709-721.	3.4	33
35	Molecular Biology and Immunology of Head and Neck Cancer. <i>Surgical Oncology Clinics of North America</i> , 2015, 24, 397-407.	1.5	32
36	Needle Biopsy of Routine Thyroid Nodules Should Be Performed Using a Capillary Action Technique with 24- to 27-Gauge Needles: A Systematic Review and Meta-Analysis. <i>Thyroid</i> , 2018, 28, 857-863.	4.5	28

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37	Patient experience and anxiety during and after treatment for an HPV-related oropharyngeal cancer. <i>Oral Oncology</i> , 2016, 60, 90-95.	1.5	27
38	Squamous cell carcinoma of the tongue associated with cinnamon gum use: A case report. <i>Head and Neck</i> , 1998, 20, 430-433.	2.0	25
39	Dysregulation of splicing proteins in head and neck squamous cell carcinoma. <i>Cancer Biology and Therapy</i> , 2016, 17, 219-229.	3.4	25
40	Smoking status regulates a novel panel of PIWI-interacting RNAs in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2017, 65, 68-75.	1.5	25
41	A comprehensive study of smoking-specific microRNA alterations in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2017, 72, 56-64.	1.5	25
42	Integrated time course omics analysis distinguishes immediate therapeutic response from acquired resistance. <i>Genome Medicine</i> , 2018, 10, 37.	8.2	25
43	Validation of nucleolar protein 4 as a novel methylated tumor suppressor gene in head and neck cancer. <i>Oncology Reports</i> , 2014, 31, 1014-1020.	2.6	22
44	Impact of margin status on survival after surgery for sinonasal squamous cell carcinoma. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 1205-1211.	2.8	22
45	DNA methylation regulates TMEM16A/ANO1 expression through multiple CpG islands in head and neck squamous cell carcinoma. <i>Scientific Reports</i> , 2017, 7, 15173.	3.3	20
46	Association of Preoperative Anemia With 30-Day Morbidity and Mortality Among Patients With Thyroid Cancer Who Undergo Thyroidectomy. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019, 145, 124.	2.2	20
47	Extrachromosomal DNA in HPV-Mediated Oropharyngeal Cancer Drives Diverse Oncogene Transcription. <i>Clinical Cancer Research</i> , 2021, 27, 6772-6786.	7.0	20
48	Elective neck dissection for ^{T3}/^{T4} cNO^{T4} sinonasal squamous cell carcinoma. <i>Head and Neck</i> , 2020, 42, 3655-3662.	2.0	19
49	Malignant Melanoma. <i>Facial Plastic Surgery Clinics of North America</i> , 2009, 17, 337-348.	1.5	17
50	The value of follow-up ^{FDG}PET^{CT} in the management and prognosis of patients with ^{HPV}-positive oropharyngeal squamous cell carcinoma. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2015, 59, 681-686.	1.8	17
51	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
52	Functional characterization of alternatively spliced GSN in head and neck squamous cell carcinoma. <i>Translational Research</i> , 2018, 202, 109-119.	5.0	15
53	Procedural precautions and personal protective equipment during head and neck instrumentation in the COVID-19 era. <i>Head and Neck</i> , 2020, 42, 1645-1651.	2.0	14
54	Opioid prescribing practices in patients undergoing surgery for oral cavity cancer. <i>Laryngoscope</i> , 2018, 128, 2361-2366.	2.0	12

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55	Computational methods reveal novel functionalities of PIWI-interacting RNAs in human papillomavirus-induced head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2018, 9, 4614-4624.	1.8	12
56	Splice Expression Variation Analysis (SEVA) for inter-tumor heterogeneity of gene isoform usage in cancer. <i>Bioinformatics</i> , 2018, 34, 1859-1867.	4.1	11
57	Cannabinoid Cancer Biology and Prevention. <i>Journal of the National Cancer Institute Monographs</i> , 2021, 2021, 99-106.	2.1	11
58	Activated B Cells and Plasma Cells Are Resistant to Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 514-528.	0.8	11
59	Differentially Methylated Super-Enhancers Regulate Target Gene Expression in Human Cancer. <i>Scientific Reports</i> , 2019, 9, 15034.	3.3	9
60	Meta-analysis of risk of occult lymph node metastasis in the irradiated, clinically NO neck. <i>Head and Neck</i> , 2020, 42, 2355-2363.	2.0	9
61	Immunotherapy in sinonasal melanoma: treatment patterns and outcomes compared to cutaneous melanoma. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 1087-1095.	2.8	9
62	Cetuximab activity in dysplastic lesions of the upper aerodigestive tract. <i>Oral Oncology</i> , 2016, 53, 60-66.	1.5	8
63	Toward Signaling-Driven Biomarkers Immune to Normal Tissue Contamination. <i>Cancer Informatics</i> , 2016, 15, CIN.S32468.	1.9	7
64	The association of active and passive tobacco smoke exposure with chronic rhinosinusitis symptom severity: A cross-sectional study. <i>International Forum of Allergy and Rhinology</i> , 2022, 12, 278-285.	2.8	7
65	Current salivary biomarkers for detection of human papilloma virus-induced oropharyngeal squamous cell carcinoma. <i>Head and Neck</i> , 2021, 43, 3618-3630.	2.0	6
66	Quality improvement intervention to reduce time to postoperative radiation in head and neck free flap patients. <i>Head and Neck</i> , 2021, 43, 3530-3539.	2.0	6
67	High rates of postoperative radiotherapy delay in head and neck cancer before and after Medicaid expansion. <i>Head and Neck</i> , 2021, 43, 2672-2684.	2.0	5
68	Reduction of Pharyngocutaneous Fistulae in Laryngectomy Patients by a Comprehensive Performance Improvement Intervention. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 153, 927-934.	1.9	4
69	An Analysis of 1-Year Charges for Head and Neck Cancer: Targets for Value-Based Interventions. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 163, 546-553.	1.9	4
70	Robotic surgery may improve overall survival for T1 and T2 tumors of the hypopharynx: An NCDB cohort study. <i>Oral Oncology</i> , 2021, 121, 105440.	1.5	4
71	Locally advanced high-risk HPV related oropharyngeal squamous cell carcinoma (OPSCC); have we forgotten it is a different disease?. <i>Cancers of the Head & Neck</i> , 2018, 3, 8.	6.2	3
72	Implementation of submandibular gland transfer: A multi-institutional study of feasibility and time to treatment. <i>Head and Neck</i> , 2019, 41, 2182-2189.	2.0	3

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73	Prognostic Significance of HPV Status in Laryngeal Squamous Cell Carcinoma: A Large Population Database Study. Otolaryngology - Head and Neck Surgery, 2021, 165, 113-121.	1.9	3
74	<scp>AHNS</scp> endocrine surgery section consensus statement on nasopharyngolaryngoscopy and clinic reopening during <scp>COVID</scp>â€19: How to get back to optimal safe care. Head and Neck, 2021, 43, 733-738.	2.0	3
75	Patterns of Failure After Definitive Treatment of T4a Larynx Cancer. Otolaryngology - Head and Neck Surgery, 2022, 167, 274-285.	1.9	3
76	Testican 1 (SPOCK1) and protein tyrosine phosphatase, receptor type S (PTPRS) show significant increase in saliva of tobacco users with oral cancer. Translational Research in Oral Oncology, 2018, 3, 2057178X1880053.	3.3	1
77	Effects of a Comprehensive Performance Improvement Strategy on Postoperative Adverse Events in Head and Neck Surgery. Otolaryngology - Head and Neck Surgery, 2019, 160, 799-809.	1.9	1
78	Transoral Laser Microsurgery With Neck Dissection Versus Radiotherapy for <scp>T2N0</scp> Supraglottic Cancer. Laryngoscope, 2023, 133, 601-606.	2.0	1
79	601â€...Sequencing immunotherapy before lymphatic ablation unleashes cDC1-dependent antitumor immunity in HNSCC. , 2021, 9, A631-A631.		0
80	436â€...Rational sequencing of immune-oncology therapies achieves durable response and immunologic memory. , 2020, , .		0