

Jason Chan

List of Publications by Year in descending order

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106
papers

2,606
citations

186209

28
h-index

214721

47
g-index

122
all docs

122
docs citations

122
times ranked

4285
citing authors

#	ARTICLE	IF	CITATIONS
1	Exome and genome sequencing of nasopharynx cancer identifies NF- κ B pathway activating mutations. Nature Communications, 2017, 8, 14121.	5.8	227
2	Saliva and Plasma Quantitative Polymerase Chain Reaction-Based Detection and Surveillance of Human Papillomavirus-Related Head and Neck Cancer. JAMA Otolaryngology - Head and Neck Surgery, 2014, 140, 846.	1.2	181
3	Practical Aspects of Otolaryngologic Clinical Services During the 2019 Novel Coronavirus Epidemic. JAMA Otolaryngology - Head and Neck Surgery, 2020, 146, 519.	1.2	155
4	Plasma DNA End-Motif Profiling as a Fragmentomic Marker in Cancer, Pregnancy, and Transplantation. Cancer Discovery, 2020, 10, 664-673.	7.7	152
5	The epidemiology of the human papillomavirus related to oropharyngeal head and neck cancer. Laryngoscope, 2016, 126, 894-900.	1.1	111
6	Transoral robotic surgery of the parapharyngeal space: A case series and systematic review. Head and Neck, 2015, 37, 293-298.	0.9	96
7	Recommendations for head and neck surgical oncology practice in a setting of acute severe resource constraint during the COVID-19 pandemic: an international consensus. Lancet Oncology, The, 2020, 21, e350-e359.	5.1	96
8	Recent advances in the management of nasopharyngeal carcinoma. F1000Research, 2018, 7, 1829.	0.8	83
9	Clinical, genomic, and metagenomic characterization of oral tongue squamous cell carcinoma in patients who do not smoke. Head and Neck, 2015, 37, 1642-1649.	0.9	66
10	Whole-genome profiling of nasopharyngeal carcinoma reveals viral-host co-operation in inflammatory NF- κ B activation and immune escape. Nature Communications, 2021, 12, 4193.	5.8	56
11	Soft robotic manipulator for intraoperative MRI-guided transoral laser microsurgery. Science Robotics, 2021, 6, .	9.9	54
12	Mitigation of head and neck cancer service disruption during COVID-19 in Hong Kong through telehealth and multi-institutional collaboration. Head and Neck, 2020, 42, 1454-1459.	0.9	48
13	Managing head and neck cancer patients with tracheostomy or laryngectomy during the COVID-19 pandemic. Head and Neck, 2020, 42, 1209-1213.	0.9	46
14	Management of Facial Paralysis in the 21st Century. Facial Plastic Surgery, 2011, 27, 346-357.	0.5	44
15	The role of tumor DNA as a diagnostic tool for head and neck squamous cell carcinoma. Seminars in Cancer Biology, 2019, 55, 1-7.	4.3	43
16	Management of dysphagia in the patient with head and neck cancer during COVID-19 pandemic: Practical strategy. Head and Neck, 2020, 42, 1491-1496.	0.9	43
17	The role of surgery for HPV-associated head and neck cancer. Oral Oncology, 2015, 51, 305-313.	0.8	41
18	Low-grade myofibroblastic sarcoma: A population-based study. Laryngoscope, 2017, 127, 116-121.	1.1	41

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19	Early results of a safety and feasibility clinical trial of a novel single-port flexible robot for transoral robotic surgery. <i>European Archives of Oto-Rhino-Laryngology</i> , 2017, 274, 3993-3996.	0.8	39
20	Retrospective Review of Positron Emission Tomography With Contrast-Enhanced Computed Tomography in the Posttreatment Setting in Human Papillomavirus-Associated Oropharyngeal Carcinoma. <i>JAMA Otolaryngology</i> , 2012, 138, 1040.	1.5	38
21	Comparison of Opioid Utilization Patterns After Major Head and Neck Procedures Between Hong Kong and the United States. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2018, 144, 1060.	1.2	35
22	Endoscopic nasopharyngectomy in recurrent nasopharyngeal carcinoma: a case series, literature review, and pooled analysis. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 425-432.	1.5	34
23	Reduced lysosomal clearance of autophagosomes promotes survival and colonization of <i>Helicobacter pylori</i> . <i>Journal of Pathology</i> , 2018, 244, 432-444.	2.1	33
24	A Next-Generation Single-Port Robotic Surgical System for Transoral Robotic Surgery. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019, 145, 1027.	1.2	33
25	The Intersection between Oral Microbiota, Host Gene Methylation and Patient Outcomes in Head and Neck Squamous Cell Carcinoma. <i>Cancers</i> , 2020, 12, 3425.	1.7	33
26	The relationship between depressive symptoms and initial quality of life and function in head and neck cancer. <i>Laryngoscope</i> , 2011, 121, 1212-1218.	1.1	32
27	Endoscopic transvestibular paramandibular exploration of the infratemporal fossa and parapharyngeal space: A minimally invasive approach to the middle cranial base. <i>Laryngoscope</i> , 2011, 121, 2075-2080.	1.1	32
28	Non-nasopharyngeal head and neck lymphoepithelioma-like carcinoma in the United States: A population-based study. <i>Head and Neck</i> , 2016, 38, E1294-300.	0.9	30
29	Prospective clinical trial to evaluate safety and feasibility of using a single port flexible robotic system for transoral head and neck surgery. <i>Oral Oncology</i> , 2019, 94, 101-105.	0.8	30
30	Foot-Controlled robotic-enabled endoscope holder for endoscopic sinus surgery: A cadaveric feasibility study. <i>Laryngoscope</i> , 2016, 126, 566-569.	1.1	28
31	Foot-Controlled Robot-Enabled EndoScope Manipulator (FREEDOM) for Sinus Surgery: Design, Control, and Evaluation. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 1530-1541.	2.5	28
32	MAPK pathway mutations in head and neck cancer affect immune microenvironments and ErbB3 signaling. <i>Life Science Alliance</i> , 2020, 3, e201900545.	1.3	27
33	The role of microRNA in cisplatin resistance or sensitivity. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 885-897.	1.5	26
34	The Association Between Diabetes and Olfactory Function in Adults. <i>Chemical Senses</i> , 2018, 43, 59-64.	1.1	25
35	Saliva electrolyte analysis and xerostomia-related quality of life in nasopharyngeal carcinoma patients following intensity-modulated radiation therapy. <i>Radiotherapy and Oncology</i> , 2020, 150, 97-103.	0.3	22
36	Design of a Percutaneous MRI-Guided Needle Robot With Soft Fluid-Driven Actuator. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 2100-2107.	3.3	22

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37	Tracheostomy Management during the COVID-19 Pandemic. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 163, 67-69.	1.1	22
38	Status and strategies for the management of head and neck cancer during COVID-19 pandemic: Indian scenario. <i>Head and Neck</i> , 2020, 42, 1460-1465.	0.9	22
39	Retropharyngeal lymph node involvement in human papillomavirus-associated oropharyngeal squamous cell carcinoma. <i>Laryngoscope</i> , 2015, 125, 2503-2508.	1.1	21
40	Meta-analysis does not support routine traditional nuclear medicine studies for malignant otitis. <i>Laryngoscope</i> , 2020, 130, 1812-1816.	1.1	21
41	Postoperative Urinary Tract Infection and Short-term Outcomes and Costs in Head and Neck Cancer Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2013, 148, 602-610.	1.1	20
42	Augmented reality for image guidance in transoral robotic surgery. <i>Journal of Robotic Surgery</i> , 2020, 14, 579-583.	1.0	18
43	Transoral Robotic Surgery (TORS) for Benign Pharyngeal Lesions. <i>Otolaryngologic Clinics of North America</i> , 2014, 47, 407-413.	0.5	17
44	There is no routine head and neck exam during the COVID-19 pandemic. <i>Head and Neck</i> , 2020, 42, 1235-1239.	0.9	15
45	Determinants and Interactions of Oral Bacterial and Fungal Microbiota in Healthy Chinese Adults. <i>Microbiology Spectrum</i> , 2022, 10, e0241021.	1.2	15
46	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.	0.9	14
47	AHNS Series "Do you know your guidelines? Principles of treatment for nasopharyngeal cancer: A review of the National Comprehensive Cancer Network guidelines. <i>Head and Neck</i> , 2017, 39, 201-205.	0.9	13
48	Extracellular Vesicles in Head and Neck Cancer: A Potential New Trend in Diagnosis, Prognosis, and Treatment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8260.	1.8	13
49	Profiling of extracellular vesicles in oral cancer, from transcriptomics to proteomics. <i>Seminars in Cancer Biology</i> , 2021, 74, 3-23.	4.3	13
50	Concurrent Rhinoplasty and Endoscopic Sinus Surgery: A Review of the Pros and Cons and a Template for Success. <i>Facial Plastic Surgery Clinics of North America</i> , 2012, 20, 43-54.	0.9	12
51	Risk of second primary malignancy after nasopharyngeal carcinoma in the United States: A population-based study. <i>Head and Neck</i> , 2016, 38, E1130-6.	0.9	12
52	Effects of Salivary Mg on Head and Neck Carcinoma via TRPM7. <i>Journal of Dental Research</i> , 2019, 98, 304-312.	2.5	11
53	Neck lymph node status on survival of regionally recurrent or persistent nasopharyngeal carcinoma. <i>Scientific Reports</i> , 2020, 10, 5622.	1.6	11
54	Conservative Management of Postoperative Chylous Fistula with Octreotide and Peripheral Total Parenteral Nutrition. <i>Ear, Nose and Throat Journal</i> , 2017, 96, 264-267.	0.4	10

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55	Vastus Lateralis Muscle Free Flap for Skull Base Osteoradionecrosis in Nasopharyngeal Carcinoma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, 349-352.	0.4	10
56	A meta-analysis of narrow-band imaging for the diagnosis of primary nasopharyngeal carcinoma. <i>F1000Research</i> , 2018, 7, 759.	0.8	10
57	Proteomic Analysis of Circulating Extracellular Vesicles Identifies Potential Biomarkers for Lymph Node Metastasis in Oral Tongue Squamous Cell Carcinoma. <i>Cells</i> , 2021, 10, 2179.	1.8	10
58	Differential Effects of Estrogen Receptor Alpha and Beta on Endogenous Ligands of Peroxisome Proliferator-Activated Receptor Gamma in Papillary Thyroid Cancer. <i>Frontiers in Endocrinology</i> , 2021, 12, 708248.	1.5	10
59	Case Report: Exome sequencing reveals recurrent RETSAT mutations and a loss-of-function POLDIP2 mutation in a rare undifferentiated tongue sarcoma. <i>F1000Research</i> , 2018, 7, 499.	0.8	9
60	Restoration of the Oral Microbiota After Surgery for Head and Neck Squamous Cell Carcinoma Is Associated With Patient Outcomes. <i>Frontiers in Oncology</i> , 2021, 11, 737843.	1.3	9
61	SMARCB1 (INI1)-Deficient Sinonasal Carcinoma with Yolk Sac differentiation Showing Co-loss of SMARCA4 Immunostaining – A Case Report and Literature Review. <i>Head and Neck Pathology</i> , 2022, 16, 934-941.	1.3	9
62	Transoral radical tonsillectomy and retropharyngeal lymph node dissection with a flexible next generation robotic surgical system. <i>Head and Neck</i> , 2018, 40, 1296-1298.	0.9	8
63	Transoral thyroidectomy with a next generation flexible robotic system: A feasibility study in a cadaveric model. <i>Gland Surgery</i> , 2019, 8, 644-647.	0.5	8
64	Narrow Band Imaging Endoscopy of the Nasopharynx for Malignancy: An Inter- and Intraobserver Study. <i>Laryngoscope</i> , 2019, 129, 1374-1379.	1.1	8
65	Erlotinib sensitivity of MAPK1p.D321N mutation in head and neck squamous cell carcinoma. <i>Npj Genomic Medicine</i> , 2020, 5, 17.	1.7	8
66	Care of Patients With a Laryngectomy During the COVID-19 Pandemic. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 163, 695-698.	1.1	7
67	The Knockdown of Nrf2 Suppressed Tumor Growth and Increased the Sensitivity to Lenvatinib in Anaplastic Thyroid Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	1.9	7
68	A useful landmark to locate the external branch of the superior laryngeal nerve during thyroidectomy. <i>Gland Surgery</i> , 2020, 9, 647-652.	0.5	6
69	Droplet digital PCR of tumor suppressor gene methylation in serial oral rinses of patients with head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2021, 43, 1812-1822.	0.9	6
70	Verbalization, Categorization, and Evaluation of Fundamental Surgical Skills. <i>Annals of Surgery Open</i> , 2021, 2, e059.	0.7	6
71	A Variable Length, Variable Stiffness Flexible Instrument for Transoral Robotic Surgery. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 3835-3842.	3.3	6
72	Hybrid-Structure Hand-Held Robotic Endoscope for Sinus Surgery With Enhanced Distal Dexterity. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 1863-1872.	3.7	6

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73	Short-term outcomes and cost of care of treatment of head and neck paragangliomas. <i>Laryngoscope</i> , 2013, 123, 1645-1651.	1.1	5
74	AHNS Series - Do you know your guidelines? Principles of treatment for glottic cancer: A review of the National Comprehensive Cancer Network guidelines. <i>Head and Neck</i> , 2017, 39, 1729-1732.	0.9	5
75	Oncogenes expand during evolution to withstand somatic amplification. <i>Annals of Oncology</i> , 2018, 29, 2254-2260.	0.6	5
76	Curved Laryngopharyngoscope With Flexible Next-Generation Robotic Surgical System for Transoral Hypopharyngeal Surgery: A Preclinical Evaluation. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2019, 128, 1023-1029.	0.6	5
77	Comparing staging by positron emission tomography with contrast-enhanced computed tomography and by pathology in head and neck squamous cell carcinoma. <i>Journal of Laryngology and Otology</i> , 2015, 129, 1213-1219.	0.4	4
78	A case of congenital agenesis of the common carotid artery associated with an ectopic parathyroid adenoma mimicking a carotid body tumor. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2013, 34, 553-555.	0.6	3
79	Real-to-virtual domain transfer-based depth estimation for real-time 3D annotation in transnasal surgery: a study of annotation accuracy and stability. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021, 16, 731-739.	1.7	3
80	Surgical salvage of recurrent nasopharyngeal cancer- a multi-institutional review. <i>Oral Oncology</i> , 2021, 122, 105556.	0.8	3
81	Oncological and Functional Outcomes of Transoral Robotic Surgery and Endoscopic Laryngopharyngeal Surgery for Hypopharyngeal Cancer: A Systematic Review. <i>Frontiers in Surgery</i> , 2021, 8, 810581.	0.6	3
82	Interventional sialendoscopy. <i>European Annals of Otorhinolaryngology, Head and Neck Diseases</i> , 2021, 138, 63-64.	0.4	2
83	The Role of Arginine Metabolism in Oral Tongue Squamous Cell Carcinoma. <i>Cancers</i> , 2021, 13, 6068.	1.7	2
84	Stability and stabilization of periodic piecewise positive systems: A time segmentation approach. <i>Asian Journal of Control</i> , 2023, 25, 677-694.	1.9	2
85	Robotic transmaxillary approach to the lateral infratemporal fossa: A preclinical cadaveric study using a next-generation single-port robotic system. <i>Head and Neck</i> , 2021, 43, 1964-1970.	0.9	1
86	Profiling severe acute respiratory syndrome coronavirus 2 and its relevance to otolaryngologic examinations during the coronavirus disease 2019 pandemic. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2021, 21, 38-45.	1.1	1
87	Abstract 98: Stromal-targeting with quercetin in patient-derived models of head and neck squamous cell carcinoma (HNSCC). <i>Cancer Research</i> , 2019, 79, 98-98.	0.4	1
88	Abstract 2527: Genomic aberrations of <i>ALK</i> in head and neck squamous cell carcinoma. <i>Cancer Research</i> , 2019, 79, 2527-2527.	0.4	1
89	Risk of thyroid malignancy following an index head and neck squamous cell carcinoma: A population-based study. <i>Ear, Nose and Throat Journal</i> , 2016, 95, E7-E11.	0.4	1
90	Acquired tracheoesophageal fistula from an ingested penny. <i>International Journal of Pediatric Otorhinolaryngology Extra</i> , 2011, 6, 279-281.	0.1	0

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91	Kikuchi - Fujimoto's Disease in an American of Filipino Descent: A case report and review of the literature. <i>Laryngoscope</i> , 2011, 121, S102-S102.	1.1	0
92	Diagnostic accuracy of sialendoscopy referenced to current imaging modalities. <i>Surgical Practice</i> , 2017, 21, 70-75.	0.1	0
93	Challenges in the delivery of surgical care for head and neck cancer patients in the Hong Kong Special Administrative Region and China. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2019, 27, 203-206.	0.8	0
94	Editorial on "Predictors and Prevalence of Nodal Disease in Salvage Oropharyngectomy". <i>Annals of Surgical Oncology</i> , 2020, 27, 327-328.	0.7	0
95	Nasopharyngeal Brush Epstein Barr Viral DNA in the Detection of Locally Recurrent Nasopharyngeal Carcinoma. <i>Oral Oncology</i> , 2021, 118, 7-8.	0.8	0
96	P-131 Contralateral transmaxillary approach to the nasopharynx with a flexible robotic system: A cadaveric feasibility study. <i>Oral Oncology</i> , 2021, 118, 5.	0.8	0
97	Composite Resection. , 0, , 77-77.		0
98	Design of a Novel Compliant Robotic Instrument for Organ Retraction by Exploiting the Buckling Principle of a Continuum Bending Beam. , 0, ,		0
99	Abstract 5347: Somatic mutation and overexpression of anaplastic lymphoma kinase (ALK) are uncommon events in Asian head and neck cancers. , 2018, ,		0
100	Ideal Resection Margins in Oral Cavity Cancer. <i>Difficult Decisions in Surgery: an Evidence-based Approach</i> , 2019, , 23-29.	0.0	0
101	Abstract 4507: Study of CCCTC-binding factor (CTCF) genetic aberrations and dysregulation in head and neck squamous cell carcinoma (HNSCC). , 2019, ,		0
102	Abstract 4933: RAPTOR protein overexpression is predictive of poor clinical outcomes in head and neck squamous cell carcinoma (HNSCC) patients. , 2019, ,		0
103	Transoral thyroidectomy with the da Vinci SP with gas insufflation. <i>Asvide</i> , 2019, 6, 347-347.	0.0	0
104	Abstract 4507: Study of CCCTC-binding factor (CTCF) genetic aberrations and dysregulation in head and neck squamous cell carcinoma (HNSCC). , 2019, ,		0
105	Abstract 2527: Genomic aberrations of <i>ALK</i> in head and neck squamous cell carcinoma. , 2019, ,		0
106	Abstract 98: Stromal-targeting with quercetin in patient-derived models of head and neck squamous cell carcinoma (HNSCC). , 2019, ,		0