

Jason Chan

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

2,606
citations

186209

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214721

47
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122
all docs

122
docs citations

122
times ranked

4285
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability and stabilization of periodic piecewise positive systems: A time segmentation approach. Asian Journal of Control, 2023, 25, 677-694.	1.9	2
2	A Variable Length, Variable Stiffness Flexible Instrument for Transoral Robotic Surgery. IEEE Robotics and Automation Letters, 2022, 7, 3835-3842.	3.3	6
3	Determinants and Interactions of Oral Bacterial and Fungal Microbiota in Healthy Chinese Adults. Microbiology Spectrum, 2022, 10, e0241021.	1.2	15
4	SMARCB1 (INI1)-Deficient Sinonasal Carcinoma with Yolk Sac differentiation Showing Co-loss of SMARCA4 Immunostaining – A Case Report and Literature Review. Head and Neck Pathology, 2022, 16, 934-941.	1.3	9
5	Hybrid-Structure Hand-Held Robotic Endoscope for Sinus Surgery With Enhanced Distal Dexterity. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1863-1872.	3.7	6
6	Droplet digital PCR of tumor suppressor gene methylation in serial oral rinses of patients with head and neck squamous cell carcinoma. Head and Neck, 2021, 43, 1812-1822.	0.9	6
7	Robotic transmaxillary approach to the lateral infratemporal fossa: A preclinical cadaveric study using a next-generation single-port robotic system. Head and Neck, 2021, 43, 1964-1970.	0.9	1
8	Real-to-virtual domain transfer-based depth estimation for real-time 3D annotation in transnasal surgery: a study of annotation accuracy and stability. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 731-739.	1.7	3
9	Verbalization, Categorization, and Evaluation of Fundamental Surgical Skills. Annals of Surgery Open, 2021, 2, e059.	0.7	6
10	Nasopharyngeal Brush Epstein Barr Viral DNA in the Detection of Locally Recurrent Nasopharyngeal Carcinoma. Oral Oncology, 2021, 118, 7-8.	0.8	0
11	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
12	P-131 Contralateral transmaxillary approach to the nasopharynx with a flexible robotic system: A cadaveric feasibility study. Oral Oncology, 2021, 118, 5.	0.8	0
13	Proteomic Analysis of Circulating Extracellular Vesicles Identifies Potential Biomarkers for Lymph Node Metastasis in Oral Tongue Squamous Cell Carcinoma. Cells, 2021, 10, 2179.	1.8	10
14	Soft robotic manipulator for intraoperative MRI-guided transoral laser microsurgery. Science Robotics, 2021, 6, .	9.9	54
15	Differential Effects of Estrogen Receptor Alpha and Beta on Endogenous Ligands of Peroxisome Proliferator-Activated Receptor Gamma in Papillary Thyroid Cancer. Frontiers in Endocrinology, 2021, 12, 708248.	1.5	10
16	Interventional sialendoscopy. European Annals of Otorhinolaryngology, Head and Neck Diseases, 2021, 138, 63-64.	0.4	2
17	Profiling of extracellular vesicles in oral cancer, from transcriptomics to proteomics. Seminars in Cancer Biology, 2021, 74, 3-23.	4.3	13
18	The Knockdown of Nrf2 Suppressed Tumor Growth and Increased the Sensitivity to Lenvatinib in Anaplastic Thyroid Cancer. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-12.	1.9	7

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19	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
20	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
21	Surgical salvage of recurrent nasopharyngeal cancer- a multi-institutional review. <i>Oral Oncology</i> , 2021, 122, 105556.	0.8	3
22	The Role of Arginine Metabolism in Oral Tongue Squamous Cell Carcinoma. <i>Cancers</i> , 2021, 13, 6068.	1.7	2
23	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
24	Augmented reality for image guidance in transoral robotic surgery. <i>Journal of Robotic Surgery</i> , 2020, 14, 579-583.	1.0	18
25	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
26	Editorial on "Predictors and Prevalence of Nodal Disease in Salvage Oropharyngectomy". <i>Annals of Surgical Oncology</i> , 2020, 27, 327-328.	0.7	0
27	Meta-analysis does not support routine traditional nuclear medicine studies for malignant otitis. <i>Laryngoscope</i> , 2020, 130, 1812-1816.	1.1	21
28	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
29	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
30	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
31	Recommendations for head and neck surgical oncology practice in a setting of acute severe resource constraint during the COVID-19 pandemic: an international consensus. <i>Lancet Oncology</i> , The, 2020, 21, e350-e359.	5.1	96
32	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
33	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
34	The role of microRNA in cisplatin resistance or sensitivity. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 885-897.	1.5	26
35	Practical Aspects of Otolaryngologic Clinical Services During the 2019 Novel Coronavirus Epidemic. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2020, 146, 519.	1.2	155
36	Plasma DNA End-Motif Profiling as a Fragmentomic Marker in Cancer, Pregnancy, and Transplantation. <i>Cancer Discovery</i> , 2020, 10, 664-673.	7.7	152

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37	Design of a Percutaneous MRI-Guided Needle Robot With Soft Fluid-Driven Actuator. IEEE Robotics and Automation Letters, 2020, 5, 2100-2107.	3.3	22
38	Erlotinib sensitivity of MAPK1p.D321N mutation in head and neck squamous cell carcinoma. Npj Genomic Medicine, 2020, 5, 17.	1.7	8
39	Tracheostomy Management during the COVID-19 Pandemic. Otolaryngology - Head and Neck Surgery, 2020, 163, 67-69.	1.1	22
40	Procedural precautions and personal protective equipment during head and neck instrumentation in the COVID-19 era. Head and Neck, 2020, 42, 1645-1651.	0.9	14
41	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
42	Status and strategies for the management of head and neck cancer during COVID-19 pandemic: Indian scenario. Head and Neck, 2020, 42, 1460-1465.	0.9	22
43	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
44	Neck lymph node status on survival of regionally recurrent or persistent nasopharyngeal carcinoma. Scientific Reports, 2020, 10, 5622.	1.6	11
45	There is no routine head and neck exam during the COVID-19 pandemic. Head and Neck, 2020, 42, 1235-1239.	0.9	15
46	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
47	MAPK pathway mutations in head and neck cancer affect immune microenvironments and ErbB3 signaling. Life Science Alliance, 2020, 3, e201900545.	1.3	27
48	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
49	A Next-Generation Single-Port Robotic Surgical System for Transoral Robotic Surgery. JAMA Otolaryngology - Head and Neck Surgery, 2019, 145, 1027.	1.2	33
50	Curved Laryngopharyngoscope With Flexible Next-Generation Robotic Surgical System for Transoral Hypopharyngeal Surgery: A Preclinical Evaluation. Annals of Otology, Rhinology and Laryngology, 2019, 128, 1023-1029.	0.6	5
51	Prospective clinical trial to evaluate safety and feasibility of using a single port flexible robotic system for transoral head and neck surgery. Oral Oncology, 2019, 94, 101-105.	0.8	30
52	Transoral thyroidectomy with a next generation flexible robotic system: A feasibility study in a cadaveric model. Gland Surgery, 2019, 8, 644-647.	0.5	8
53	Challenges in the delivery of surgical care for head and neck cancer patients in the Hong Kong Special Administrative Region and China. Current Opinion in Otolaryngology and Head and Neck Surgery, 2019, 27, 203-206.	0.8	0
54	Effects of Salivary Mg on Head and Neck Carcinoma via TRPM7. Journal of Dental Research, 2019, 98, 304-312.	2.5	11

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55	Narrow Band Imaging Endoscopy of the Nasopharynx for Malignancy: An Inter- and Intraobserver Study. <i>Laryngoscope</i> , 2019, 129, 1374-1379.	1.1	8
56	Ideal Resection Margins in Oral Cavity Cancer. <i>Difficult Decisions in Surgery: an Evidence-based Approach</i> , 2019, , 23-29.	0.0	0
57	Abstract 4507: Study of CCCTC-binding factor (CTCF) genetic aberrations and dysregulation in head and neck squamous cell carcinoma (HNSCC). , 2019, , .		0
58	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
59	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
60	Abstract 4933: RAPTOR protein overexpression is predictive of poor clinical outcomes in head and neck squamous cell carcinoma (HNSCC) patients. , 2019, , .		0
61	Transoral thyroidectomy with the da Vinci SP with gas insufflation. <i>Asvide</i> , 2019, 6, 347-347.	0.0	0
62	Abstract 4507: Study of CCCTC-binding factor (CTCF) genetic aberrations and dysregulation in head and neck squamous cell carcinoma (HNSCC). , 2019, , .		0
63	Abstract 2527: Genomic aberrations of <i>ALK</i> in head and neck squamous cell carcinoma. , 2019, , .		0
64	Abstract 98: Stromal-targeting with quercetin in patient-derived models of head and neck squamous cell carcinoma (HNSCC). , 2019, , .		0
65	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
66	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
67	The Association Between Diabetes and Olfactory Function in Adults. <i>Chemical Senses</i> , 2018, 43, 59-64.	1.1	25
68	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
69	Recent advances in the management of nasopharyngeal carcinoma. <i>F1000Research</i> , 2018, 7, 1829.	0.8	83
70	A meta-analysis of narrow-band imaging for the diagnosis of primary nasopharyngeal carcinoma. <i>F1000Research</i> , 2018, 7, 759.	0.8	10
71	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
72	Oncogenes expand during evolution to withstand somatic amplification. <i>Annals of Oncology</i> , 2018, 29, 2254-2260.	0.6	5

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73	Case Report: Exome sequencing reveals recurrent RETSAT mutations and a loss-of-function POLDIP2 mutation in a rare undifferentiated tongue sarcoma. F1000Research, 2018, 7, 499.	0.8	9
74	Abstract 5347: Somatic mutation and overexpression of anaplastic lymphoma kinase (ALK) are uncommon events in Asian head and neck cancers. , 2018, , .		0
75	Exome and genome sequencing of nasopharynx cancer identifies NF- κ B pathway activating mutations. Nature Communications, 2017, 8, 14121.	5.8	227
76	AHNS Series " Do you know your guidelines? Principles of treatment for nasopharyngeal cancer: A review of the National Comprehensive Cancer Network guidelines. Head and Neck, 2017, 39, 201-205.	0.9	13
77	Early results of a safety and feasibility clinical trial of a novel single-port flexible robot for transoral robotic surgery. European Archives of Oto-Rhino-Laryngology, 2017, 274, 3993-3996.	0.8	39
78	AHNS Series - Do you know your guidelines? Principles of treatment for glottic cancer: A review of the National Comprehensive Cancer Network guidelines. Head and Neck, 2017, 39, 1729-1732.	0.9	5
79	Diagnostic accuracy of sialendoscopy referenced to current imaging modalities. Surgical Practice, 2017, 21, 70-75.	0.1	0
80	Endoscopic nasopharyngectomy in recurrent nasopharyngeal carcinoma: a case series, literature review, and pooled analysis. International Forum of Allergy and Rhinology, 2017, 7, 425-432.	1.5	34
81	Low-grade myofibroblastic sarcoma: A population-based study. Laryngoscope, 2017, 127, 116-121.	1.1	41
82	Conservative Management of Postoperative Chylous Fistula with Octreotide and Peripheral Total Parenteral Nutrition. Ear, Nose and Throat Journal, 2017, 96, 264-267.	0.4	10
83	Foot-controlled robotic-enabled endoscope holder for endoscopic sinus surgery: A cadaveric feasibility study. Laryngoscope, 2016, 126, 566-569.	1.1	28
84	Risk of second primary malignancy after nasopharyngeal carcinoma in the United States: A population-based study. Head and Neck, 2016, 38, E1130-6.	0.9	12
85	Non-nasopharyngeal head and neck lymphoepithelioma-like carcinoma in the United States: A population-based study. Head and Neck, 2016, 38, E1294-300.	0.9	30
86	The epidemiology of the human papillomavirus related to oropharyngeal head and neck cancer. Laryngoscope, 2016, 126, 894-900.	1.1	111
87	Risk of thyroid malignancy following an index head and neck squamous cell carcinoma: A population-based study. Ear, Nose and Throat Journal, 2016, 95, E7-E11.	0.4	1
88	Comparing staging by positron emission tomography with contrast-enhanced computed tomography and by pathology in head and neck squamous cell carcinoma. Journal of Laryngology and Otology, 2015, 129, 1213-1219.	0.4	4
89	Retropharyngeal lymph node involvement in human papillomavirus-associated oropharyngeal squamous cell carcinoma. Laryngoscope, 2015, 125, 2503-2508.	1.1	21
90	Transoral robotic surgery of the parapharyngeal space: A case series and systematic review. Head and Neck, 2015, 37, 293-298.	0.9	96

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91	The role of surgery for HPV-associated head and neck cancer. <i>Oral Oncology</i> , 2015, 51, 305-313.	0.8	41
92	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.	0.9	66
93	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.	1.2	181
94	Transoral Robotic Surgery (TORS) for Benign Pharyngeal Lesions. <i>Otolaryngologic Clinics of North America</i> , 2014, 47, 407-413.	0.5	17
95	Short-term outcomes and cost of care of treatment of head and neck paragangliomas. <i>Laryngoscope</i> , 2013, 123, 1645-1651.	1.1	5
96	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
97	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
98	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
99	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
100	Acquired tracheoesophageal fistula from an ingested penny. <i>International Journal of Pediatric Otorhinolaryngology Extra</i> , 2011, 6, 279-281.	0.1	0
101	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
102	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
103	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
104	Management of Facial Paralysis in the 21st Century. <i>Facial Plastic Surgery</i> , 2011, 27, 346-357.	0.5	44
105	Composite Resection. , 0, , 77-77.		0
106	Design of a Novel Compliant Robotic Instrument for Organ Retraction by Exploiting the Buckling Principle of a Continuum Bending Beam. , 0, ,		0