Toby Zhu

List of Publications by Year
in descending order

54 papers	6,515 citations	279798 23 h-index	168389 53 g-index
54 all docs	54 docs citations	54 times ranked	15709 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	TMEM16A Induces MAPK and Contributes Directly to Tumorigenesis and Cancer Progression. Cancer Research, 2012, 72, 3270-3281.	0.9	252
3	Oncologic Outcomes After Transoral Robotic Surgery. JAMA Otolaryngology - Head and Neck Surgery, 2015, 141, 1043.	2.2	233
4	Early Oral Tongue Squamous Cell Carcinoma. JAMA Otolaryngology - Head and Neck Surgery, 2015, 141, 1104.	2.2	102
5	Analysis of postâ€“transoral roboticâ€assisted surgery hemorrhage: Frequency, outcomes, and prevention. Head and Neck, 2016, 38, E776-82.	2.0	82
6	A transoral highly flexible robot. Laryngoscope, 2012, 122, 1067-1071.	2.0	71
7	Demonstration of transoral surgery in cadaveric specimens with the medrobotics flex system. Laryngoscope, 2013, 123, 1168-1172.	2.0	67
8	Transition to a virtual multidisciplinary tumor board during the COVID â€19 pandemic: University of Pittsburgh experience. Head and Neck, 2020, 42, 1310-1316.	2.0	64
9	Transoral robotic surgery for management of cervical unknown primary squamous cell carcinoma: Updates on efficacy, surgical technique and margin status. Oral Oncology, 2017, 66, 9-13.	1.5	52
10	Occult Primary Head and Neck Squamous Cell Carcinoma: Utility of Discovering Primary Lesions. Otolaryngology - Head and Neck Surgery, 2014, 151, 272-278.	1.9	50
11	Perineural Invasion in Parotid Gland Malignancies. Otolaryngology - Head and Neck Surgery, 2018, 158, 1035-1041.	1.9	50
12	Transoral Robotic Surgery and the Unknown Primary: A Costâ€Effectiveness Analysis. Otolaryngology - Head and Neck Surgery, 2014, 150, 976-982.	1.9	47
13	A Subset of Sinonasal Non-Intestinal Type Adenocarcinomas are Truly Seromucinous Adenocarcinomas: A Morphologic and Immunophenotypic Assessment and Description of a Novel Pitfall. Head and Neck Pathology, 2015, 9, 436-446.	2.6	47
14	Effect of transcervical arterial ligation on the severity of postoperative hemorrhage after transoral robotic surgery. Head and Neck, 2017, 39, 1510-1515.	2.0	46
15	Robotics in otolaryngology and head and neck surgery: Recommendations for training and credentialing: A report of the 2015 AHNS education committee, AAOâ€HNS robotic task force and AAOâ€HNS sleep disorders committee. Head and Neck, 2016, 38, E151-8.	2.0	37
16	TMEM16A/ANO1 suppression improves response to antibodyâ€mediated targeted therapy of EGFR and HER2/ERBB2. Genes Chromosomes and Cancer, 2017, 56, 460-471.	2.8	37
17	Adenosquamous carcinoma of the head and neck: Molecular analysis using <scp>CRTC</scp>â€<scp>MAML FISH</scp> and survival comparison with paired conventional squamous cell carcinoma. Laryngoscope, 2015, 125, E371-6.	2.0	33
18	Transoral robotic surgery for sleep apnea in children: Is it effective?. International Journal of Pediatric Otorhinolaryngology, 2015, 79, 2234-2237.	1.0	32

#	Article	IF	Citations
19	A prospective evaluation of shortâ€term dysphagia after transoral robotic surgery for squamous cell carcinoma of the oropharynx. Cancer, 2017, 123, 3132-3140.	4.1	32
20	Utility of upâ€front transoral robotic surgery in tailoring adjuvant therapy. Head and Neck, 2016, 38, 1201-1207.	2.0	31
21	Assessment of Surgical Learning Curves in Transoral Robotic Surgery for Squamous Cell Carcinoma of the Oropharynx. JAMA Otolaryngology - Head and Neck Surgery, 2017, 143, 542.	2.2	28
22	Calculations for reproducible autologous skin cell-spray grafting. Burns, 2016, 42, 1756-1765.	1.9	26
23	Oligometastatic status as predictor of survival in metastatic human papillomavirusâ€positive oropharyngeal carcinoma. Head and Neck, 2018, 40, 1685-1690.	2.0	25
24	Early squamous cell carcinoma of the oral tongue with histologically benign lymph nodes: A model predicting local control and vetting of the eighth edition of the American Joint Committee on Cancer pathologic T stage. Cancer, 2019, 125, 3198-3207.	4.1	24
25	Robot-Assisted Neck Dissection Through a Modified Facelift Incision. Annals of Otology, Rhinology and Laryngology, 2016, 125, 123-129.	1.1	22
26	Staging HPV-related oropharyngeal cancer: Validation of AJCC-8 in a surgical cohort. Oral Oncology, 2018, 84, 82-87.	1.5	22
27	Association of pretreatment body mass index and survival in human papillomavirus positive oropharyngeal squamous cell carcinoma. Oral Oncology, 2016, 60, 55-60.	1.5	21
28	Positive Margins by Oropharyngeal Subsite in Transoral Robotic Surgery for T1/T2 Squamous Cell Carcinoma. Otolaryngology - Head and Neck Surgery, 2018, 158, 660-666.	1.9	20
29	A description of the anatomy of the glossopharyngeal nerve as encountered in transoral surgery. Laryngoscope, 2016, 126, 2010-2015.	2.0	19
30	Transoral robotic surgery for the pediatric head and neck surgeries. European Archives of Oto-Rhino-Laryngology, 2017, 274, 1747-1750.	1.6	19
31	Transoral surgery using the Flex Robotic System: Initial experience in the United States. Head and Neck, 2018, 40, 2482-2486.	2.0	19
32	Defining the Prevalence and Prognostic Value of Perineural Invasion and Angiolymphatic Invasion in Human Papillomavirusâ€“Positive Oropharyngeal Carcinoma. JAMA Otolaryngology - Head and Neck Surgery, 2017, 143, 1236.	2.2	18
33	Quality and Readability Assessment of Websites on Human Papillomavirus and Oropharyngeal Cancer. Laryngoscope, 2021, 131, 87-94.	2.0	17
34	Major head and neck reconstruction during the <scp>COVID</scp>â€19 pandemic: The University of Pittsburgh approach. Head and Neck, 2020, 42, 1243-1247.	2.0	16
35	TORS Baseâ€ofâ€Tongue Mucosectomy in Human Papilloma Virusâ€Negative Carcinoma of Unknown Primary. Laryngoscope, 2021, 131, 78-81.	2.0	15
36	HER3 targeting potentiates growth suppressive effects of the PI3K inhibitor BYL719 in pre-clinical models of head and neck squamous cell carcinoma. Scientific Reports, 2019, 9, 9130.	3.3	14

#	Article	IF	Citations
37	Phase I Trial of Cetuximab, Radiotherapy, and Ipilimumab in Locally Advanced Head and Neck Cancer. Clinical Cancer Research, 2022, 28, 1335-1344.	7.0	14
38	Preâ€implant right ventricular free wall strain predicts postâ€LVAD right heart failure. Journal of Cardiac Surgery, 2021, 36, 1996-2003.	0.7	13
39	Transcervical arterial ligation for prevention of postoperative hemorrhage in transoral oropharyngectomy: Systematic review and metaâ€analysis. Head and Neck, 2021, 43, 334-344.	2.0	10
40	Robotic-assisted oropharyngeal reconstruction. Journal of Robotic Surgery, 2013, 7, 9-14.	1.8	9
41	Recent progress of retroauricular robotic thyroidectomy with the new surgical robotic system. Laryngoscope, 2018, 128, 1730-1737.	2.0	9
42	Utility of the Highly Articulated Flex Robotic System for Head and Neck Procedures. Annals of Otology, Rhinology and Laryngology, 2016, 125, 758-763.	1.1	8
43	Hyalinizing Clear Cell Carcinoma with Biopsy-Proven Spinal Metastasis: Case Report and Review of Literature. World Neurosurgery, 2016, 90, 699.e7-699.e10.	1.3	8
44	Reconstruction of TORS oropharyngectomy defects with the nasoseptal flap via transpalatal tunnel. Journal of Robotic Surgery, 2020, 14, 311-316.	1.8	8
45	Surgeon satisfaction and outcomes of tele-proctoring for robotic gynecologic surgery. Journal of Robotic Surgery, 2022, 16, 563-568.	1.8	8
46	Applications of Evolving Robotic Technology for Head and Neck Surgery. Annals of Otology, Rhinology and Laryngology, 2016, 125, 207-212.	1.1	7
47	Poor treatment tolerance in head and neck cancer patients with low muscle mass. Head and Neck, 2022, 44, 844-850.	2.0	6
48	Expression of the inhibitory receptor NKG2A correlates with increased liver and splenic NK cell response to activating receptor engagement. Immunity, Inflammation and Disease, 2017, 5, 177-189.	2.7	5
49	Infectious complications following contemporary left ventricular assist device implantation. Journal of Cardiac Surgery, 2022, 37, 2297-2306.	0.7	5
50	Intraoperative identification of the human communicating nerve during thyroidectomy. Journal of Surgical Case Reports, 2015, 2015, rjv154.	0.4	4
51	Preoperative predictors of difficult oropharyngeal exposure for transoral robotic surgery: The Pharyngoscore. Head and Neck, 2021, 43, 3010-3021.	2.0	4
52	Surgical factors associated with patient-reported quality of life outcomes after free flap reconstruction of the oral cavity. Oral Oncology, 2021, 123, 105574.	1.5	4
53	Assessing the learning curve associated with a novel flexible robot in the pre-clinical and clinical setting. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 1563-1572.	2.4	2
54	Safety and Feasibility of Surgery for Oropharyngeal Cancers During the SARS-CoV-2-Pandemic. Frontiers in Oncology, 2021, 11, 651123.	2.8	0