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	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
2	Surgeon satisfaction and outcomes of tele-proctoring for robotic gynecologic surgery. Journal of Robotic Surgery, 2022, 16, 563-568.	1.8	8
3	Poor treatment tolerance in head and neck cancer patients with low muscle mass. Head and Neck, 2022, 44, 844-850.	2.0	6
4	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
5	Infectious complications following contemporary left ventricular assist device implantation. Journal of Cardiac Surgery, 2022, 37, 2297-2306.	0.7	5
6	TORS Baseâ€ofâ€Tongue Mucosectomy in Human Papilloma Virusâ€Negative Carcinoma of Unknown Primary. Laryngoscope, 2021, 131, 78-81.	2.0	15
7	Quality and Readability Assessment of Websites on Human Papillomavirus and Oropharyngeal Cancer. Laryngoscope, 2021, 131, 87-94.	2.0	17
8	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
9	Safety and Feasibility of Surgery for Oropharyngeal Cancers During the SARS-CoV-2-Pandemic. Frontiers in Oncology, 2021, 11, 651123.	2.8	0
10	Preâ€implant right ventricular free wall strain predicts postâ€LVAD right heart failure. Journal of Cardiac Surgery, 2021, 36, 1996-2003.	0.7	13
11	Preoperative predictors of difficult oropharyngeal exposure for transoral robotic surgery: The Pharyngoscore. Head and Neck, 2021, 43, 3010-3021.	2.0	4
12	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
13	Reconstruction of TORS oropharyngectomy defects with the nasoseptal flap via transpalatal tunnel. Journal of Robotic Surgery, 2020, 14, 311-316.	1.8	8
14	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
15	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
16	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
17	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
18	Perineural Invasion in Parotid Gland Malignancies. Otolaryngology - Head and Neck Surgery, 2018, 158, 1035-1041.	1.9	50

#	Article	IF	Citations
19	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
20	Recent progress of retroauricular robotic thyroidectomy with the new surgical robotic system. Laryngoscope, 2018, 128, 1730-1737.	2.0	9
21	Transoral surgery using the Flex Robotic System: Initial experience in the United States. Head and Neck, 2018, 40, 2482-2486.	2.0	19
22	Oligometastatic status as predictor of survival in metastatic human papillomavirusâ€positive oropharyngeal carcinoma. Head and Neck, 2018, 40, 1685-1690.	2.0	25
23	Staging HPV-related oropharyngeal cancer: Validation of AJCC-8 in a surgical cohort. Oral Oncology, 2018, 84, 82-87.	1.5	22
24	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
25	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
26	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
27	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
28	Transoral robotic surgery for the pediatric head and neck surgeries. European Archives of Oto-Rhino-Laryngology, 2017, 274, 1747-1750.	1.6	19
29	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
30	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
31	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
32	A description of the anatomy of the glossopharyngeal nerve as encountered in transoral surgery. Laryngoscope, 2016, 126, 2010-2015.	2.0	19
33	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
34	Utility of upâ€front transoral robotic surgery in tailoring adjuvant therapy. Head and Neck, 2016, 38, 1201-1207.	2.0	31
35	Applications of Evolving Robotic Technology for Head and Neck Surgery. Annals of Otology, Rhinology and Laryngology, 2016, 125, 207-212.	1.1	7
36	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

#	Article	IF	Citations
37	Calculations for reproducible autologous skin cell-spray grafting. Burns, 2016, 42, 1756-1765.	1.9	26
38	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
39	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
40	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
41	Robot-Assisted Neck Dissection Through a Modified Facelift Incision. Annals of Otology, Rhinology and Laryngology, 2016, 125, 123-129.	1.1	22
42	Analysis of postâ€“transoral roboticâ€assisted surgery hemorrhage: Frequency, outcomes, and prevention. Head and Neck, 2016, 38, E776-82.	2.0	82
43	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
44	Intraoperative identification of the human communicating nerve during thyroidectomy. Journal of Surgical Case Reports, 2015, 2015, rjv154.	0.4	4
45	Transoral robotic surgery for sleep apnea in children: Is it effective?. International Journal of Pediatric Otorhinolaryngology, 2015, 79, 2234-2237.	1.0	32
46	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
47	Early Oral Tongue Squamous Cell Carcinoma. JAMA Otolaryngology - Head and Neck Surgery, 2015, 141, 1104.	2.2	102
48	Oncologic Outcomes After Transoral Robotic Surgery. JAMA Otolaryngology - Head and Neck Surgery, 2015, 141, 1043.	2.2	233
49	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
50	Transoral Robotic Surgery and the Unknown Primary: A Costâ€Effectiveness Analysis. Otolaryngology - Head and Neck Surgery, 2014, 150, 976-982.	1.9	47
51	Robotic-assisted oropharyngeal reconstruction. Journal of Robotic Surgery, 2013, 7, 9-14.	1.8	9
52	Demonstration of transoral surgery in cadaveric specimens with the medrobotics flex system. Laryngoscope, 2013, 123, 1168-1172.	2.0	67
53	TMEM16A Induces MAPK and Contributes Directly to Tumorigenesis and Cancer Progression. Cancer Research, 2012, 72, 3270-3281.	0.9	252
54	A transoral highly flexible robot. Laryngoscope, 2012, 122, 1067-1071.	2.0	71