# Amy Y Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8886887/publications.pdf

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|---|---|---|---|
| 80 papers | 4,403 citations | 159358 30 h-index | 110170 64 g-index |
| 81 all docs | 81 docs citations | 81 times ranked | 5557 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Suturing the gender gap through sponsorship: The role of sponsorship in female entry and advancement through their surgical careers. American Journal of Surgery, 2022, 224, 266-270. | 0.9 | 10 |
| 2 | Qualitative Study of Mentorship for Women and Minorities in Surgery. Journal of the American College of Surgeons, 2022, 234, 253-261. | 0.2 | 17 |
| 3 | Pediatric intraoperative nerve monitoring during thyroid surgery: A review from the American Head and Neck Society Endocrine Surgery Section and the International Neural Monitoring Study Group. Head and Neck, 2022, 44, 1468-1480. | 0.9 | 5 |
| 4 | Automatic detection of head and neck squamous cell carcinoma on histologic slides using hyperspectral microscopic imaging. Journal of Biomedical Optics, 2022, 27, . | 1.4 | 7 |
| 5 | A Multicenter Randomized Phase II Study of Single Agent Efficacy and Optimal Combination Sequence of Everolimus and Pasireotide LAR in Advanced Thyroid Cancer. Cancers, 2022, 14, 2639. | 1.7 | 4 |
| 6 | Oral Intubation Attempts in Patients With a Laryngectomy: A Significant Safety Threat. Otolaryngology - Head and Neck Surgery, 2021, 164, 1040-1043. | 1.1 | 12 |
| 7 | Current Trainee and Workforce Patterns for Thyroid and Parathyroid Surgery in the United States. Endocrine Practice, 2021, 27, 749-753. | 1.1 | 0 |
| 8 | Automatic detection of head and neck squamous cell carcinoma on pathologic slides using polarized hyperspectral imaging and machine learning. , 2021, 11603, . | | 12 |
| 9 | Intermittent Neuromonitoring of the Recurrent Laryngeal and Vagus Nerves: the Ins and Outs. Current Otorhinolaryngology Reports, 2021, 9, 316-325. | 0.2 | 2 |
| 10 | Perioperative pain management and opioidâ€reduction in head and neck endocrine surgery: An American Head and Neck Society Endocrine Surgery Section consensus statement. Head and Neck, 2021, 43, 2281-2294. | 0.9 | 11 |
| 11 | Survival advantage of chemoradiotherapy in anaplastic thyroid carcinoma: Propensity score matched analysis with multiple subgroups. Head and Neck, 2020, 42, 678-687. | 0.9 | 8 |
| 12 | Phase Ib Study of Chemoprevention with Green Tea Polyphenon E and Erlotinib in Patients with Advanced Premalignant Lesions (APL) of the Head and Neck. Clinical Cancer Research, 2020, 26, 5860-5868. | 3.2 | 11 |
| 13 | Ethical framework for head and neck endocrine surgery in the <scp>COVID</scp>â€19 pandemic. Head and Neck, 2020, 42, 1418-1419. | 0.9 | 8 |
| 14 | Re: â€œRoutine Preoperative Laryngoscopy for Thyroid Surgery Is Not Necessary Without Risk Factorsâ€•by Maher et al. (Thyroid 2019;29:1646â€“1652. DOI: 10.1089/thy.2019.0145). Thyroid, 2020, 30, 785-786. | 2.4 | 0 |
| 15 | Tumor detection of the thyroid and salivary glands using hyperspectral imaging and deep learning. Biomedical Optics Express, 2020, 11, 1383. | 1.5 | 53 |
| 16 | Using a 22-layer U-Net to perform segmentation of squamous cell carcinoma on digitized head and neck histological images. , 2020, 11320, . | | 6 |
| 17 | Head and Neck Cancer Detection in Digitized Whole-Slide Histology Using Convolutional Neural Networks. Scientific Reports, 2019, 9, 14043. | 1.6 | 66 |
| 18 | Hyperspectral Imaging of Head and Neck Squamous Cell Carcinoma for Cancer Margin Detection in Surgical Specimens from 102 Patients Using Deep Learning. Cancers, 2019, 11, 1367. | 1.7 | 71 |

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|---|---|---|---|
| 19 | VATS Resection of Large Ectopic Posterior Mediastinal Cystic Parathyroid Adenoma. Annals of Thoracic Surgery, 2019, 108, e301-e302. | 0.7 | 3 |
| 20 | Children and thyroid cancer: Interpreting troubling trends. Cancer, 2019, 125, 2359-2361. | 2.0 | 12 |
| 21 | Assessment of Gender Differences in Perceptions of Work-Life Integration Among Head and Neck Surgeons. JAMA Otolaryngology - Head and Neck Surgery, 2019, 145, 453. | 1.2 | 11 |
| 22 | Barriers to thyroid cancer screening with ultrasound in patients with familial adenomatous polyposis. Laryngoscope, 2019, 129, 2436-2441. | 1.1 | 1 |
| 23 | Histopathology Feature Mining and Association with Hyperspectral Imaging for the Detection of Squamous Neoplasia. Scientific Reports, 2019, 9, 17863. | 1.6 | 13 |
| 24 | Prognostic implications of peritumoral vasculature in head and neck cancer. Cancer Medicine, 2019, 8, 147-154. | 1.3 | 19 |
| 25 | Betel Quid Use and Oral Cancer in a High-Risk Refugee Community in the USA: The Effectiveness of an Awareness Initiative. Journal of Cancer Education, 2019, 34, 309-314. | 0.6 | 11 |
| 26 | Optical biopsy of head and neck cancer using hyperspectral imaging and convolutional neural networks. Journal of Biomedical Optics, 2019, 24, 1. | 1.4 | 61 |
| 27 | Hyperspectral imaging for head and neck cancer detection: specular glare and variance of the tumor margin in surgical specimens. Journal of Medical Imaging, 2019, 6, 1. | 0.8 | 25 |
| 28 | Cancer detection using hyperspectral imaging and evaluation of the superficial tumor margin variance with depth. , 2019, 10951, . | | 8 |
| 29 | Detection of squamous cell carcinoma in digitized histological images from the head and neck using convolutional neural networks. , 2019, 10956, . | | 4 |
| 30 | Application of Strict Criteria for Noninvasive Follicular Thyroid Neoplasm with Papillary-Like Nuclear Features and Encapsulated Follicular Variant Papillary Thyroid Carcinoma: a Retrospective Study of 50 Tumors Previously Diagnosed as Follicular Variant PTC. Endocrine Pathology, 2018, 29, 35-42. | 5.2 | 18 |
| 31 | Treatment and survival vary by race/ethnicity in patients with anaplastic thyroid cancer. Cancer, 2018, 124, 1780-1790. | 2.0 | 32 |
| 32 | Detection and delineation of squamous neoplasia with hyperspectral imaging in a mouse model of tongue carcinogenesis. Journal of Biophotonics, 2018, 11, e201700078. | 1.1 | 29 |
| 33 | Honokiol Radiosensitizes Squamous Cell Carcinoma of the Head and Neck by Downregulation of Survivin. Clinical Cancer Research, 2018, 24, 858-869. | 3.2 | 19 |
| 34 | Development and external validation of a riskâ€prediction model to predict 5â€year overall survival in advanced larynx cancer. Laryngoscope, 2018, 128, 1140-1145. | 1.1 | 12 |
| 35 | Tumor margin classification of head and neck cancer using hyperspectral imaging and convolutional neural networks. , 2018, 10576, . | | 27 |
| 36 | Optical biopsy of head and neck cancer using hyperspectral imaging and convolutional neural networks. , 2018, 10469, . | | 19 |

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|---|---|---|---|
| 37 | T4 Laryngeal Cancer With Good Function: Should We Be Reluctant to Treat Without Surgery?. International Journal of Radiation Oncology Biology Physics, 2018, 102, 1400-1403. | 0.4 | 5 |
| 38 | International neuromonitoring study group guidelines 2018: Part II: Optimal recurrent laryngeal nerve management for invasive thyroid cancerâ€"incorporation of surgical, laryngeal, and neural electrophysiologic data. Laryngoscope, 2018, 128, S18-S27. | 1.1 | 111 |
| 39 | Epidemiology and Demographics of the Head and Neck Cancer Population. Oral and Maxillofacial Surgery Clinics of North America, 2018, 30, 381-395. | 0.4 | 222 |
| 40 | Deformable registration of histological cancer margins to gross hyperspectral images using demons. , 2018, 10581, . | | 7 |
| 41 | Changes in thyroid cancer incidence, postâ€2009 <scp>A</scp>merican Thyroid <scp>A</scp>ssociation guidelines. Laryngoscope, 2017, 127, 2437-2441. | 1.1 | 28 |
| 42 | Tumor margin assessment of surgical tissue specimen of cancer patients using label-free hyperspectral imaging. , 2017, 10054, . | | 9 |
| 43 | Detection of Head and Neck Cancer in Surgical Specimens Using Quantitative Hyperspectral Imaging. Clinical Cancer Research, 2017, 23, 5426-5436. | 3.2 | 91 |
| 44 | Deep learning based classification for head and neck cancer detection with hyperspectral imaging in an animal model. Proceedings of SPIE, 2017, 10137, . | 0.8 | 14 |
| 45 | Prognostic biomarkers in patients with human immunodeficiency virusâ€positive disease with head and neck squamous cell carcinoma. Head and Neck, 2017, 39, 2433-2443. | 0.9 | 5 |
| 46 | Deep convolutional neural networks for classifying head and neck cancer using hyperspectral imaging. Journal of Biomedical Optics, 2017, 22, 060503. | 1.4 | 165 |
| 47 | Label-free reflectance hyperspectral imaging for tumor margin assessment: a pilot study on surgical specimens of cancer patients. Journal of Biomedical Optics, 2017, 22, 1. | 1.4 | 95 |
| 48 | Trends and Predictors of Chemotherapy Use among Thyroid Cancer Patients in the National Cancer Database (2004-2013). European Thyroid Journal, 2016, 5, 268-276. | 1.2 | 2 |
| 49 | The importance of margins in head and neck cancer. Journal of Surgical Oncology, 2016, 113, 248-255. | 0.8 | 48 |
| 50 | Determinants of racial differences in survival for sinonasal cancer. Laryngoscope, 2016, 126, 2022-2028. | 1.1 | 13 |
| 51 | Hyperspectral imaging of neoplastic progression in a mouse model of oral carcinogenesis. Proceedings of SPIE, 2016, 9788, . | 0.8 | 16 |
| 52 | Comparative effectiveness of surgical and nonsurgical therapy for advanced laryngeal cancer. Cancer, 2016, 122, 2845-2856. | 2.0 | 29 |
| 53 | Systemic treatment and management approaches for medullary thyroid cancer. Cancer Treatment Reviews, 2016, 50, 89-98. | 3.4 | 36 |
| 54 | Quantitative diagnosis of tongue cancer from histological images in an animal model. Proceedings of SPIE, 2016, 9791, . | 0.8 | 4 |

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|---|---|---|---|
| 55 | Association of Socioeconomic Status and Race/Ethnicity With Treatment and Survival in Patients With Medullary Thyroid Cancer. JAMA Otolaryngology - Head and Neck Surgery, 2016, 142, 763. | 1.2 | 17 |
| 56 | Five- and 10-Year Cause-Specific Survival Rates in Carcinoma of the Minor Salivary Gland. JAMA Otolaryngology - Head and Neck Surgery, 2016, 142, 67. | 1.2 | 34 |
| 57 | American Association of Clinical Endocrinologists and American College of Endocrinology Disease State Clinical Review: The Increasing Incidence of Thyroid Cancer. Endocrine Practice, 2015, 21, 686-696. | 1.1 | 259 |
| 58 | American Thyroid Association Statement on Surgical Application of Molecular Profiling for Thyroid Nodules: Current Impact on Perioperative Decision Making. Thyroid, 2015, 25, 760-768. | 2.4 | 204 |
| 59 | Framework for hyperspectral image processing and quantification for cancer detection during animal tumor surgery. Journal of Biomedical Optics, 2015, 20, 126012. | 1.4 | 44 |
| 60 | Lymph node ratio influence on risk of head and neck cancer locoregional recurrence after initial surgical resection: Implications for adjuvant therapy. Head and Neck, 2015, 37, 777-782. | 0.9 | 64 |
| 61 | Temporal trends in oropharyngeal cancer treatment and survival: 1998â€“2009. Laryngoscope, 2014, 124, 131-138. | 1.1 | 70 |
| 62 | American Thyroid Association Statement on Optimal Surgical Management of Goiter. Thyroid, 2014, 24, 181-189. | 2.4 | 153 |
| 63 | Current treatment of head and neck squamous cell cancer. Journal of Surgical Oncology, 2014, 110, 551-574. | 0.8 | 127 |
| 64 | Open Access in biomedical sciences: What the current turning point means more specifically to Oral Oncology contributors and readers. Oral Oncology, 2013, 49, 985-986. | 0.8 | 3 |
| 65 | Pitfalls in the Staging Squamous Cell Carcinoma of the Hypopharynx. Neuroimaging Clinics of North America, 2013, 23, 67-79. | 0.5 | 12 |
| 66 | US Mortality Rates for Oral Cavity and Pharyngeal Cancer by Educational Attainment. JAMA Otolaryngology, 2011, 137, 1094. | 1.5 | 21 |
| 67 | Temporal Trends in the Treatment of Early- and Advanced-Stage Laryngeal Cancer in the United States, 1985-2007. JAMA Otolaryngology, 2011, 137, 1017. | 1.5 | 104 |
| 68 | Quality Initiatives in Head and Neck Cancer. Current Oncology Reports, 2010, 12, 109-114. | 1.8 | 19 |
| 69 | Improved survival is associated with treatment at highâ€volume teaching facilities for patients with advanced stage laryngeal cancer. Cancer, 2010, 116, 4744-4752. | 2.0 | 124 |
| 70 | A shifting paradigm for patients with head and neck cancer: transoral robotic surgery (TORS). Oncology, 2010, 24, 1030, 1032. | 0.4 | 4 |
| 71 | Impact of treating facilities' volume on survival for earlyâ€stage laryngeal cancer. Head and Neck, 2009, 31, 1137-1143. | 0.9 | 83 |
| 72 | Increasing incidence of differentiated thyroid cancer in the United States, 1988â€“2005. Cancer, 2009, 115, 3801-3807. | 2.0 | 832 |

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|---|---|---|---|
| 73 | Disparities and Trends in Sentinel Lymph Node Biopsy Among Early-Stage Breast Cancer Patients (1998-2005). Journal of the National Cancer Institute, 2008, 100, 462-474. | 3.0 | 82 |
| 74 | Factors Predictive of Survival in Advanced Laryngeal Cancer. JAMA Otolaryngology, 2007, 133, 1270. | 1.5 | 186 |
| 75 | Health Insurance and Stage at Diagnosis of Laryngeal Cancer. JAMA Otolaryngology, 2007, 133, 784. | 1.5 | 97 |
| 76 | The impact of health insurance status on stage at diagnosis of oropharyngeal cancer. Cancer, 2007, 110, 395-402. | 2.0 | 103 |
| 77 | Changes in Treatment of Advanced Oropharyngeal Cancer, 1985???2001. Laryngoscope, 2007, 117, 16-21. | 1.1 | 107 |
| 78 | Changes in treatment of advanced laryngeal cancer 1985-2001. Otolaryngology - Head and Neck Surgery, 2006, 135, 831-837. | 1.1 | 77 |
| 79 | PET-CT vs contrast-enhanced CT: What is the role for each after chemoradiation for advanced oropharyngeal cancer?. Head and Neck, 2006, 28, 487-495. | 0.9 | 42 |
| 80 | Validation of Health Status Instruments. Orl, 2004, 66, 167-172. | 0.6 | 7 |