

# Imjai Chitapanarux

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

1,838  
citations

361413

20  
h-index

302126

39  
g-index

101  
all docs

101  
docs citations

101  
times ranked

2648  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Role of radiotherapy fractionation in head and neck cancers (MARCH): an updated meta-analysis. <i>Lancet Oncology</i> , The, 2017, 18, 1221-1237.   | 10.7 | 226       |
| 2  | Randomized controlled trial of live lactobacillus acidophilus plus bifidobacterium bifidum in prophylaxis of diarrhea during radiotherapy in cervical cancer patients. <i>Radiation Oncology</i> , 2010, 5, 31.                                       | 2.7  | 183       |
| 3  | Concurrent mitomycin C, 5-fluorouracil, and radiotherapy in the treatment of locally advanced carcinoma of the cervix: a randomized trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003, 55, 1226-1232.                  | 0.8  | 130       |
| 4  | Chemoradiation comparing cisplatin versus carboplatin in locally advanced nasopharyngeal cancer: Randomised, non-inferiority, open trial. <i>European Journal of Cancer</i> , 2007, 43, 1399-1406.  | 2.8  | 128       |
| 5  | Clinical recommendations for defining platinum unsuitable head and neck cancer patient populations on chemoradiotherapy: A literature review. <i>Oral Oncology</i> , 2016, 53, 10-16.   | 1.5  | 86        |
| 6  | National and Subnational Population-Based Incidence of Cancer in Thailand: Assessing Cancers with the Highest Burdens. <i>Cancers</i> , 2017, 9, 108.   | 3.7  | 68        |
| 7  | High-dose-rate afterloading brachytherapy in carcinoma of the cervix: an experience of 1992 patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 46, 1185-1191.   | 0.8  | 53        |
| 8  | Prospective study of stereotactic radiosurgery without whole brain radiotherapy in patients with four or less brain metastases: incidence of intracranial progression and salvage radiotherapy. <i>Journal of Neuro-Oncology</i> , 2003, 61, 143-149. | 2.9  | 53        |
| 9  | Oral cavity cancers at a young age: Analysis of patient, tumor and treatment characteristics in Chiang Mai University Hospital. <i>Oral Oncology</i> , 2006, 42, 82-87.   | 1.5  | 45        |
| 10 | Randomized control trial of benzydamine HCl versus sodium bicarbonate for prophylaxis of concurrent chemoradiation-induced oral mucositis. <i>Supportive Care in Cancer</i> , 2018, 26, 879-886.  | 2.2  | 36        |
| 11 | Childhood cancer incidence and survival in Thailand: A comprehensive population-based registry analysis, 1990-2011. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27428.   | 1.5  | 35        |
| 12 | Late complications of radiotherapy for nasopharyngeal carcinoma. <i>Auris Nasus Larynx</i> , 2009, 36, 205-209.   | 1.2  | 31        |
| 13 | Classification of hepatocellular carcinoma and intrahepatic cholangiocarcinoma based on multi-phase CT scans. <i>Medical and Biological Engineering and Computing</i> , 2020, 58, 2497-2515.  | 2.8  | 29        |
| 14 | Ten-year analysis of oral cancer focusing on young people in northern Thailand. <i>Journal of Oral Science</i> , 2015, 57, 327-334.   | 1.7  | 28        |
| 15 | Clonal Evolutionary Analysis during HER2 Blockade in HER2-Positive Inflammatory Breast Cancer: A Phase II Open-Label Clinical Trial of Afatinib +/- Vinorelbine. <i>PLoS Medicine</i> , 2016, 13, e1002136.   | 8.4  | 28        |
| 16 | Intermediate-term results of image-guided brachytherapy and high-technology external beam radiotherapy in cervical cancer: Chiang Mai University experience. <i>Gynecologic Oncology</i> , 2013, 130, 81-85.  | 1.4  | 26        |
| 17 | Asian expert recommendation on management of skin and mucosal effects of radiation, with or without the addition of cetuximab or chemotherapy, in treatment of head and neck squamous cell carcinoma. <i>BMC Cancer</i> , 2016, 16, 42.               | 2.6  | 25        |
| 18 | Iodine deficiency and thyroid cancer trends in three regions of Thailand, 1990-2009. <i>Cancer Epidemiology</i> , 2016, 43, 92-99.  | 1.9  | 23        |

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|----|---|-----|-----------|
| 19 | Automatic hemorrhage segmentation on head CT scan for traumatic brain injury using 3D deep learning model. <i>Computers in Biology and Medicine</i> , 2022, 146, 105530.  | 7.0 | 23        |
| 20 | Phase II clinical study of irinotecan and cisplatin as first-line chemotherapy in metastatic or recurrent cervical cancer. <i>Gynecologic Oncology</i> , 2003, 89, 402-407.   | 1.4 | 22        |
| 21 | Yolk sac tumor of the vulva: a case report with long-term disease-free survival. <i>Gynecologic Oncology</i> , 2005, 97, 238-242.   | 1.4 | 22        |
| 22 | Image-guided brachytherapy (IGBT) combined with whole pelvic intensity-modulated radiotherapy (WP-IMRT) for locally advanced cervical cancer: a prospective study from Chiang Mai University Hospital, Thailand. <i>Journal of Contemporary Brachytherapy</i> , 2013, 1, 10-16. | 0.9 | 21        |
| 23 | A Phase Ib Study of Alpelisib or Buparlisib Combined with Tamoxifen Plus Goserelin in Premenopausal Women with HR-Positive HER2-Negative Advanced Breast Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 408-417.   | 7.0 | 21        |
| 24 | A dosimetric comparison of two-phase adaptive intensity-modulated radiotherapy for locally advanced nasopharyngeal cancer. <i>Journal of Radiation Research</i> , 2015, 56, 529-538.  | 1.6 | 20        |
| 25 | Temporal Changes in Head and Neck Cancer Incidence in Thailand Suggest Changing Oropharyngeal Epidemiology in the Region. <i>Journal of Global Oncology</i> , 2019, 5, 1-11.  | 0.5 | 20        |
| 26 | Two-year results of transabdominal ultrasound-guided brachytherapy for cervical cancer. <i>Brachytherapy</i> , 2015, 14, 238-244.   | 0.5 | 19        |
| 27 | Conventional versus hypofractionated postmastectomy radiotherapy: a report on long-term outcomes and late toxicity. <i>Radiation Oncology</i> , 2019, 14, 175.  | 2.7 | 19        |
| 28 | Reduced recurrence of late hemorrhagic radiation cystitis by WF10 therapy in cervical cancer patients. <i>Radiotherapy and Oncology</i> , 2004, 73, 179-185.  | 0.6 | 17        |
| 29 | Dosimetric comparison of TomoDirect, helical tomotherapy, and volumetric modulated arc therapy for postmastectomy treatment. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 155-162.  | 1.9 | 16        |
| 30 | Combined chemoradiation of cisplatin versus carboplatin in cervical carcinoma: a single institution experience from Thailand. <i>BMC Cancer</i> , 2016, 16, 501.  | 2.6 | 15        |
| 31 | Evaluation of deformable image registration (DIR) methods for dose accumulation in nasopharyngeal cancer patients during radiotherapy. <i>Radiology and Oncology</i> , 2017, 51, 438-446.   | 1.7 | 15        |
| 32 | Arginine, glutamine, and fish oil supplementation in cancer patients treated with concurrent chemoradiotherapy: A randomized control study. <i>Current Problems in Cancer</i> , 2020, 44, 100482.   | 2.0 | 15        |
| 33 | Impact of regular Breast Self-Examination on breast cancer size, stage, and mortality in Thailand. <i>Breast Journal</i> , 2020, 26, 822-824.   | 1.0 | 15        |
| 34 | Preliminary Results of Conformal Computed Tomography (CT)-based Intracavitary Brachytherapy (ICBT) for Locally Advanced Cervical Cancer: A Single Institution's Experience. <i>Journal of Radiation Research</i> , 2011, 52, 634-640.   | 1.6 | 14        |
| 35 | Intermediate-term results of trans-abdominal ultrasound (TAUS)-guided brachytherapy in cervical cancer. <i>Gynecologic Oncology</i> , 2018, 148, 468-473.   | 1.4 | 14        |
| 36 | Randomized phase III trial of concurrent chemoradiotherapy vs accelerated hyperfractionation radiotherapy in locally advanced head and neck cancer. <i>Journal of Radiation Research</i> , 2013, 54, 1110-1117.   | 1.6 | 13        |

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|----|---|-----|-----------|
| 37 | Histological type-specific prognostic factors of cervical small cell neuroendocrine carcinoma, adenocarcinoma, and squamous cell carcinoma. <i>OncoTargets and Therapy</i> , 2014, 7, 1205.   | 2.0 | 13        |
| 38 | Risk patterns of lung cancer mortality in northern Thailand. <i>BMC Public Health</i> , 2018, 18, 1138.   | 2.9 | 13        |
| 39 | Emulsion of Olive Oil and Calcium Hydroxide for the Prevention of Radiation Dermatitis in Hypofractionation Post-Mastectomy Radiotherapy: A Randomized Controlled Trial. <i>Breast Care</i> , 2019, 14, 394-400.  | 1.4 | 12        |
| 40 | An underestimated pitfall of oral candidiasis in head and neck cancer patients undergoing radiotherapy: an observation study. <i>BMC Oral Health</i> , 2021, 21, 353.   | 2.3 | 12        |
| 41 | Clinical outcomes and dosimetric study of hypofractionated Helical TomoTherapy in breast cancer patients. <i>PLoS ONE</i> , 2019, 14, e0211578.   | 2.5 | 11        |
| 42 | Gallotannin from <i>Bouea macrophylla</i> Seed Extract Suppresses Cancer Stem-like Cells and Radiosensitizes Head and Neck Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9253.   | 4.1 | 11        |
| 43 | Effect of oral pilocarpine on post-irradiation xerostomia in head and neck cancer patients: a single-center, single-blind clinical trial. <i>Journal of the Medical Association of Thailand = Chotmaihet Thangphaet</i> , 2008, 91, 1410-5.                                       | 0.1 | 11        |
| 44 | The association of rectal equivalent dose in 2 Gy fractions (EQD2) to late rectal toxicity in locally advanced cervical cancer patients who were evaluated by rectosigmoidoscopy in Faculty of Medicine, Chiang Mai University. <i>Radiation Oncology Journal</i> , 2014, 32, 57. | 1.5 | 10        |
| 45 | Accuracy of eight deformable image registration (<scp>DIR</scp>) methods for tomotherapy megavoltage computed tomography (<scp>MVCT</scp>) images. <i>Journal of Medical Radiation Sciences</i> , 2017, 64, 290-298.  | 1.5 | 10        |
| 46 | Randomized study of nutritional status and treatment toxicities of oral arginine, glutamine, and Omega-3 fatty acids during concurrent chemoradiotherapy for head and neck cancer patients. <i>Functional Foods in Health and Disease</i> , 2016, 6, 121.                         | 0.6 | 10        |
| 47 | A retrospective study comparing hypofractionated radiotherapy and conventional radiotherapy in postmastectomy breast cancer. <i>Journal of the Medical Association of Thailand = Chotmaihet Thangphaet</i> , 2011, 94 Suppl 2, S94-102.   | 0.1 | 10        |
| 48 | A phase II study of docetaxel and carboplatin with concurrent radiation therapy for locally advanced head and neck cancer. <i>Auris Nasus Larynx</i> , 2011, 38, 108-113.   | 1.2 | 9         |
| 49 | The Effects of Two HDR Brachytherapy Schedules in Locally Advanced Cervical Cancer Treated with Concurrent Chemoradiation: A Study from Chiang Mai, Thailand. <i>Journal of Radiation Research</i> , 2012, 53, 281-287.   | 1.6 | 9         |
| 50 | Subtype Specific Nasopharyngeal Carcinoma Incidence and Survival Trends: Differences between Endemic and Non-Endemic Populations. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 3291-3299.  | 1.2 | 8         |
| 51 | Preliminary Results of MRI-guided Brachytherapy in Cervical Carcinoma: The Chiangmai University Experience. <i>Journal of Radiation Research</i> , 2012, 53, 313-318.   | 1.6 | 7         |
| 52 | Trends in Female Breast Cancer by Age Group in the Chiang Mai Population. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 1411-1416.  | 1.2 | 7         |
| 53 | A Potential Serum Biomarker for Screening Lung Cancer Risk in High Level Environmental Radon Areas: A Pilot Study. <i>Life</i> , 2021, 11, 1273.  | 2.4 | 7         |
| 54 | The effect of central shielding in the dose reporting for cervical cancer in EQD2 era. <i>Journal of Contemporary Brachytherapy</i> , 2013, 4, 236-239.   | 0.9 | 6         |

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|----|---|-----|-----------|
| 55 | A comparative planning study of step-and-shoot IMRT versus helical tomotherapy for whole-pelvis irradiation in cervical cancer. <i>Journal of Radiation Research</i> , 2015, 56, 539-545.   | 1.6 | 6         |
| 56 | Effect of the national screening program on malignancy status of cervical cancer in Northern Thailand. <i>International Journal of Public Health</i> , 2018, 63, 377-385.   | 2.3 | 6         |
| 57 | Temporal Trends and Geographic Patterns of Lung Cancer Incidence by Histology in Thailand, 1990 to 2014. <i>Journal of Global Oncology</i> , 2018, 4, 1-29.   | 0.5 | 6         |
| 58 | Effect of Deformation Methods on the Accuracy of Deformable Image Registration From Kilovoltage CT to Tomotherapy Megavoltage CT. <i>Technology in Cancer Research and Treatment</i> , 2019, 18, 153303381882118.   | 1.9 | 6         |
| 59 | Stage-Specific Survival Rate of Breast Cancer Patients in Northern Thailand in Accordance with Two Different Staging Systems. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 2699-2706.  | 1.2 | 6         |
| 60 | Real-world outcomes of postmastectomy radiotherapy in breast cancer patients with 1-3 positive lymph nodes: a retrospective study. <i>Journal of Radiation Research</i> , 2014, 55, 121-128.  | 1.6 | 5         |
| 61 | Impact of universal health care and screening on incidence and survival of Thai women with cervical cancer: A population-based study of the Chiang Mai Province. <i>Cancer Epidemiology</i> , 2019, 63, 101594.   | 1.9 | 5         |
| 62 | Disparities in the change of cervical cancer mortality rate between urban and rural Chiang Mai in the era of universal health care and the Thai national screening program. <i>International Journal for Equity in Health</i> , 2021, 20, 175.                                      | 3.5 | 5         |
| 63 | Ten-Year Outcome of Different Treatment Modalities for Squamous Cell Carcinoma of Oral Cavity. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 1919-1924.   | 1.2 | 5         |
| 64 | University Cooperation Platform (UCP) between Christian-Albrechts-University Kiel (Germany) and Chiang Mai University (Thailand): implementation of image-guided gynecological brachytherapy. <i>Journal of Contemporary Brachytherapy</i> , 2015, 1, 86-92.                        | 0.9 | 4         |
| 65 | Cost-utility analysis of 5-fluorouracil and capecitabine for adjuvant treatment in locally advanced rectal cancer. <i>Journal of Gastrointestinal Oncology</i> , 2018, 9, 425-434.  | 1.4 | 4         |
| 66 | Two-year outcome of concurrent chemoradiation with carboplatin with or without adjuvant carboplatin/fluorouracil in nasopharyngeal cancer: A multicenter randomized trial. <i>Current Problems in Cancer</i> , 2021, 45, 100620.  | 2.0 | 4         |
| 67 | Comparison of clinical outcomes achieved with image-guided adaptive brachytherapy for cervix cancer using CT or transabdominal ultrasound. <i>Brachytherapy</i> , 2021, 20, 543-549.  | 0.5 | 4         |
| 68 | Radiotherapy in Kimura's disease: a report of eight cases. <i>Journal of the Medical Association of Thailand = Chotmai-het Thangphaet</i> , 2007, 90, 1001-5.   | 0.1 | 4         |
| 69 | Impact of Residential Concentration of PM2.5 Analyzed as Time-Varying Covariate on the Survival Rate of Lung Cancer Patients: A 15-Year Hospital-Based Study in Upper Northern Thailand. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4521. | 2.6 | 4         |
| 70 | Capecitabine and weekly paclitaxel as first-line therapy in Thai patients with metastatic breast cancer. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2012, 8, 76-82.   | 1.1 | 3         |
| 71 | Clinical subtypes of breast cancer in Thai women: a population-based study of Chiang Mai province. <i>Asian Biomedicine</i> , 2019, 13, 11-17.  | 0.3 | 3         |
| 72 | Preoperative irinotecan/5-FU/leucovorin plus concurrent radiotherapy in rectal cancer. <i>Japanese Journal of Cancer and Chemotherapy</i> , 2008, 35, 77-82.  | 0.2 | 3         |

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|----|---|-----|-----------|
| 73 | Analysis of the planned, delivered dose distributions and quality assurance for helical tomotherapy and volumetric modulated arc therapy in locally advanced non-small cell lung cancer. Reports of Practical Oncology and Radiotherapy, 2021, 26, 939-947. | 0.6 | 3         |
| 74 | Dynamic changes in practical inflammation and immunity markers in cancer patients receiving immune-enhancing nutritional supplementation during concurrent chemoradiotherapy. Cancer Biomarkers, 2021, 32, 281-291.   | 1.7 | 2         |
| 75 | Gemcitabine plus cisplatin (GC): a salvage regimen for advanced breast cancer patients who have failed anthracycline and/or taxane therapy. Japanese Journal of Cancer and Chemotherapy, 2006, 33, 761-6.   | 0.2 | 2         |
| 76 | Survival outcome of cervical cancer patients treated by image-guided brachytherapy: a "real world" single center experience in Thailand from 2008 to 2018. Journal of Radiation Research, 2022, 63, 657-665.  | 1.6 | 2         |
| 77 | Pentagalloyl Glucose and Cisplatin Combination Treatment Exhibits a Synergistic Anticancer Effect in 2D and 3D Models of Head and Neck Carcinoma. Pharmaceuticals, 2022, 15, 830.   | 3.8 | 2         |
| 78 | The outcome of the first 100 nasopharyngeal cancer patients in thailand treated by helical tomotherapy. Radiology and Oncology, 2017, 51, 351-356.  | 1.7 | 1         |
| 79 | Dosimetric comparison of helical tomotherapy using different techniques, simultaneous integrated boost and sequential boost for craniospinal irradiation: a single institution experience. Journal of Radiotherapy in Practice, 2017, 16, 245-250.          | 0.5 | 1         |
| 80 | Five-year results for image-guided brachytherapy (IGBT) for cervical carcinoma: a report from single institute of Thailand. Journal of Radiotherapy in Practice, 2017, 16, 38-45.   | 0.5 | 1         |
| 81 | Treatment of Endometrial Cancer in Association with Pelvic Organ Prolapse. Case Reports in Obstetrics and Gynecology, 2017, 2017, 1-3.  | 0.3 | 1         |
| 82 | Nedaplatin: a new paradigm in nasopharyngeal cancer. Annals of Nasopharynx Cancer, 0, 1, 1-1.   | 0.3 | 1         |
| 83 | Evaluation of daily dose accumulation with deformable image registration method using helical tomotherapy images for nasopharyngeal carcinoma. Journal of Radiotherapy in Practice, 2021, 20, 273-278.  | 0.5 | 1         |
| 84 | Clinical and radiological response of aggressive dural arteriovenous fistula after combined glue embolization and hypofractionated helical TomoTherapy. Journal of Radiotherapy in Practice, 2022, 21, 513-518.   | 0.5 | 1         |
| 85 | Improvement of matching fields using coplanar field border method in postmastectomy radiotherapy. Journal of Radiotherapy in Practice, 2023, 22, .  | 0.5 | 1         |
| 86 | Natural history and treatment outcome of radiotherapy for Kimura's disease. Indian Journal of Cancer, 2023, 60, 37.   | 0.2 | 1         |
| 87 | Subtype Specific Nasopharyngeal Carcinoma Incidence and Survival Trends: Differences between Endemic and Non-Endemic Populations. Asian Pacific Journal of Cancer Prevention, 2020, 21, 3291-3299.  | 1.2 | 1         |
| 88 | Integration of breast cancer care in a middle-income country: learning from Suandok Breast Cancer Network (SBCN). BMC Cancer, 2022, 22, 26.   | 2.6 | 1         |
| 89 | CNS germ cell tumors: pattern of failure and effects of radiation volume. Journal of the Medical Association of Thailand = Chotmaihet Thangphaet, 2006, 89, 415-21.   | 0.1 | 1         |
| 90 | Health Effects of Natural Environmental Radiation during Burning Season in Chiang Mai, Thailand. Life, 2022, 12, 853.   | 2.4 | 1         |

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|-----|---|-----|-----------|
| 91  | Geographical risk pattern and temporal trends in incidence of HPV-related cancers in northern Thailand: A population-based study. PLoS ONE, 2022, 17, e0270670.   | 2.5 | 1         |
| 92  | Prognostic factors for cervical cancer patients stages IB-IVA treated by radiotherapy with or without chemotherapy. Journal of Statistics and Management Systems, 2010, 13, 43-57.  | 0.6 | 0         |
| 93  | Outcome of eribulin as a late treatment line for Thai metastatic breast cancer patients. OncoTargets and Therapy, 2018, Volume 11, 4443-4447.   | 2.0 | 0         |
| 94  | Dose accumulation with deformable image registration method using helical tomotherapy images for prostate cancer. Journal of Radiotherapy in Practice, 2020, 19, 25-29.   | 0.5 | 0         |
| 95  | Five- and ten-year survival of squamous cell carcinoma of the head and neck in northern Thailand: a multivariate analysis. Journal of Radiotherapy in Practice, 2021, 20, 413-418.  | 0.5 | 0         |
| 96  | The advantages of abdominal compression with shallow breathing during left-sided postmastectomy radiotherapy by Helical TomoTherapy. PLoS ONE, 2021, 16, e0254934.  | 2.5 | 0         |
| 97  | Split-field versus extended-field step-and-shoot IMRT techniques in nasopharyngeal cancer: a report of acute and late toxicities. Journal of Radiotherapy in Practice, 0, , 1-7.  | 0.5 | 0         |
| 98  | The using of megavoltage computed tomography in image-guided brachytherapy for cervical cancer: a case report. Radiation Oncology Journal, 2015, 33, 155.   | 1.5 | 0         |
| 99  | The prognostic value of excision repair cross-complementing Group 1 expression in nasopharyngeal cancer patients. Journal of Research in Medical Sciences, 2020, 25, 34.  | 0.9 | 0         |
| 100 | Real-world outcomes of different treatments in the management of patients with HER-2 positive breast cancer: a retrospective study. Journal of the Medical Association of Thailand = Chotmaihet Thangphaet, 2013, 96, 709-15. | 0.1 | 0         |