

DAFTAR PUSTAKA

- Abbas, S., Jerjes, W., Upile, T., Vaz, F., Hooper, C. 2012. The palliative role of PDT in recurrent advanced nasopharyngeal carcinoma: case series. *Photodiagnosis Photodyn Ther*, 9: 142-147.
- Adham, M., Kurniawan, A.N., Muhtadi, A.I., Roezin, A., Hermani, B., Gondhowiarjo, S., *et al.* 2012. Nasopharyngeal carcinoma in Indonesia : epidemiology, incidence, signs, and symptoms at presentation. *Chin J Cancer*. 31; 4.
- Akobeng, A.K. 2007. Understanding diagnostic tests 3: receiver operating characteristic curves. *Acta Paediatrica*. 96; 644–647.
- Altman, D.G. 2000. Statistics in medical journals: some recent trends. *Stat Med*. 19: 3275–3289.
- Altun, M., Fandi, A., Dupuis, O., Cvitkovic, E., Krajina, Z., Eschwege, F. 1995 Undifferentiated nasopharyngeal cancer (UCNT): current diagnostic and therapeutic aspects. *Int J Radiat Oncol Biol Phys*, 32(3): 859.
- Aiken, R.D. 2006. Neurologic complication of head and neck cancer. *Semin Oncol*, 33(3): 348.
- Antman, E.M., Anbe, D.T., Armstrong, P.W., Bates, E.R., Green, L.A., Hand, M., *et al.* 2004. ACC/AHA guidelines for the management of patients with ST-elevation myocardial infarction. A report of the American College of Cardiology/American Heart Association task force on practice guidelines. *Circulation*, 110:588-636.
- An, X., Ding, P.R., Wang, F.H., Jiang, W.Q., Li, Y.H. 2011. Elevated neutrophil to lymphocyte ratio predicts poor prognosis in nasopharyngeal carcinoma. *Tumour Biol*, 32: 317-324.
- Armstrong, R.W., Armstrong, M.J. 1983. Environmental risk factors and nasopharyngeal carcinoma in Selangor, Malaysia: a cross-ethnic perspective. *Ecol Dis*, 2:185 – 98.
- Armstrong, R.W., Imrey, P.B., Lye, M.S., Armstrong, M.J., Yu, M.C. 1998. Nasopharyngeal carcinoma in Malaysian Chinese: salted fish and other dietary exposure. *Int J Cancer*, 77:228-235.
- Atzpodien, J., Reitz, M. 2008. Peripheral blood neutrophils as independent immunologic predictor of response and longterm survival upon immunotherapy in metastatic renal-cell carcinoma. *Cancer Biotherapy and Radiopharmaceuticals*, 23: 1, pp. 129–134.
- Babbie, E.R. 1973. Survey research methods. Belmont, CA: Wadsworth.
- Balkwill, F., Mantovani, A. 2010. Cancer and inflammation: implications for pharmacology and therapeutics. *Clin Pharmacol Ther*, 87: 401-406.
- Bambace, N.M., Holmes, E.C. 2011. The platelet contribution to cancer progression. *J Thromb Haemost*, 9: 237–49.
- Barnes, L., Eveson, J.W., Reichart, P., Sidransky, D. 2005. Pathology and Genetics of Head and Neck Tumours. World Health Organization Classification of Tumors.

- Belloc, C., Lu, H., Soria, C., Fridman, R., Legrand, Y., Menashi, S. 1995. The effect of platelets on invasiveness and protease production of human mammary tumor cells. *Int J Cancer*, 60: 413–7.
- Bellocq, A., Antoine, M., Flahault, A., *et al.* 1998. Neutrophil alveolitis in bronchioloalveolar carcinoma: induction by tumor-derived interleukin-8 and relation to clinical outcome. *The American Journal of Pathology*, 152: 1, pp. 83–92.
- Bensouda, Y., Kaikani, W., Ahbeddou, N., Rahhali, R., Jabri, M., Mrabti, H., *et al.* 2011. Treatment for metastatic nasopharyngeal carcinoma. *Eur Ann Otorhinolaryngol Head Neck Dis*, 128:79-85.
- Biel, M.A. 2002. Photodynamic therapy in head and neck cancer. *Curr Oncol Rep*, 4: 87-96.
- Bottsford-Miller, J., Choi, H.J., Dalton, H.J., Stone, R.L., *et al.* 2015. Differential platelet levels affect response to taxane-based therapy in ovarian cancer. *Clin Cancer Res*. 21(3): 602–610.
- Boucharaba, A., Serre, C.M., Gres, S., Saulnier-Blache, J.S., Bordet, J.C., Guglielmi, J., Clezardin, P., Peyruchaud, O. 2004. Platelet-derived lysophosphatidic acid supports the progression of osteolytic bone metastases in breast cancer. *J Clin Invest*, 114: 1714–25.
- Bredell, M.G., Besic, E., Maake, C., Walt, H. 2010. The application and challenges of clinical PD-PDT in the head and neck region: a short review. *J Photochem Photobiol B*, 101: 185-190.
- Brennan, J.C., Balfour, A., Din F. 2018. The relationship between aspirin usage, prognostic inflammatory-marker scores and long-term outcomes following potentially-curative surgery for colorectal cancer. *International Journal of Surgery*. 55; S1eS12.
- Brown, S.B., Brown, E.A., Walker, I. 2004. The present and future role of photodynamic therapy in cancer treatment. *Lancet Oncol*, 5:497-508.
- Buergy, D., Wenz, F., Groden, C., Brockmann, M.A. 2012. Tumor-platelet interaction in solid tumors. *Int J Cancer*, 130: 2747-2760.
- Burnet, F.M. 1970. The concept of immunological surveillance. *Prog Exp Tumor Res*, 13:1–27.
- Chan, A.T.C., Grégoire, V., Lefebvre, J.L., Licitra, L., Hui, E.P., Leung, S.F., Felip, E. 2012. Nasopharyngeal cancer: EHNS–ESMO–ESTRO Clinical Practice Guidelines for diagnosis, treatment and follow-up. *Annals of Oncology*. 23 (Supplement 7): vii83–vii85.
- Chang, E.T., Adami, H.O. 2016. The Enigmatic Epidemiology of Nasopharyngeal Carcinoma. *Cancer Epidemiol Biomarkers Prev*, October; 15(10).
- Chang, H., Gao, J., Xu, B.Q., Guo, S.P., Lu, R.B., Li, G., Huang, S.M., Han, F., Liu, Z.G., Tao, Y.L., Tu, Z.W., Chen, C., Li, X.H., Xia, Y.F. 2013. Haemoglobin, neutrophil to lymphocyte ratio and platelet count improve prognosis prediction of the TNM staging system in nasopharyngeal carcinoma: development and validation in 3237 patients from a single institution. *Clin Oncol*, 25.

- Chang, J.T., See, I.C., Liao, C.T., Ng, S.H., Wang, C.H., Chen, I.H., *et al.* 2000. Locally recurrent nasopharyngeal carcinoma. *Radiother Oncol*, 54: 135-142.639-646.
- Chang, K.P., Hsao, S.P., Tsang, N.M., Ueng, S.H. 2004. Salvage surgery for locally recurrent nasopharyngeal carcinoma-A 10-year experience. *Otolaryngol Head Neck Surg*, 131(4): 497.
- Chen, C.J., Liang, K.Y., Chang, Y.S. 1990. Multiple risk factors of nasopharyngeal carcinoma: Epstein-Barr virus, malarial infection, cigarette smoking and familial tendency. *Anticancer Res*, 10: 547 – 53.
- Chen, J., Deng, Q., Pan, Y., He, B., Ying, H. 2015. Prognostic value of neutrophil-to-lymphocyte ratio in breast cancer. *FEBS Open Bio*, 5: 502-507.
- Chen, M.K., Lai, J.C., Chang, C.C., Liu, M.T. 2007. Minimally invasive endoscopic nasopharyngectomy in the treatment of recurrent T1-2a nasopharyngeal carcinoma. *Laryngoscope*, 117: 894-896.
- Chen, X.Q., Long, X.F., Liang, Z.G., Lei, H., Li, L., Qu, S., *et al.* 2017. Higher N stage and serum ferritin, but lower serum albumin levels are associated with distant metastasis and poor survival in patients with nasopharyngeal carcinoma following intensity modulated radiotherapy. *Oncotarget*, 8(42).
- Chen, Y.P., Chen, C., Mai, Z.Y., *et al.* 2015. Pretreatment platelet count as a predictor for survival and distant metastasis in nasopharyngeal carcinoma patients. *Oncology Letters*, 9: 1458-1466.
- Chen, Y.P., Zhao, B.C., Chen, C., *et al.* 2015. Pretreatment platelet count improves the prognostic performance of the TNM staging system and aids in planning therapeutic regimens for nasopharyngeal carcinoma: a single institutional study of 2,626 patients. *Chinese Journal of Cancer*, 34: 1.
- Cheng, Y.J., Hildesheim, A., Hsu, M.M. 1999. Cigarette smoking, alcohol consumption and risk of nasopharyngeal carcinoma in Taiwan. *Cancer Causes Control*, 10: 201 – 7.
- Chong, V.F., Fan, Y.F., Khoo, J.B. 1996. Nasopharyngeal carcinoma with intracranial spread: CT and MR characteristics. *J Comput Assist Tomogr*, 20:563-569
- Chow, W.H., McLaughlin, J.K., Hrubec, Z., Nam, J.M., Blot, W.J. 1993. Tobacco use and nasopharyngeal carcinoma in a cohort of US veterans. *Int J Cancer*, 55: 538 – 40.
- Chua, M.L., Wee, J.T., Hui, E.P., Chan, A.T. 2016. Nasopharyngeal carcinoma. *Lancet*, March; 387(10022):1012-24.
- Clark, T.G., Bradburn, M.J., Love, S.B., Altman, D.G. 2003. Survival Analysis Part I: Basic concepts and first analyses. *Br J Cancer*, 89(2): 232–238.
- Crawford, D.H., Macsween, K.F., Higgins, C.D., Thomas, R., McAulay, K., Williams, H., *et al.* 2006. A cohort study among university students: identification of risk facktors for Epstein-Barr virus seroconversion and infectious mononucleosis. *Clin Infect Dis*, 43: 276-282.
- Dahlan, M.S. 2012. In Analisis Survival : Dasar-dasar Teori dan Aplikasi. Jakarta : PT Epidemilogi Indonesia, pp. 41-48.

- D'Cruz, A.K., Robinson, M.H., Biel, M.A. 2004. mTHPC-mediated photodynamic therapy in patients with advanced, incurable head and neck cancer: a multicenter study of 128 patients. *Head Neck*, March; 26(3):232-40.
- De Meulenaere, A., Deron, P., Duprez, F., Ferdinande, L., Verbeke, L., De Vuyst, M., *et al.* 2015. Prolonged Survival in a Nasopharyngeal Carcinoma (NPC) Patient with Metastatic Disease: A Case Report. *Austin J Otolaryngol*, 2(1): 1026.
- Desgranges, C., de-The, G., Wolf, H., zur Hausen, H. 1975. Further studies on the detection of the Epstein-Barr virus DNA in nasopharyngeal carcinoma biopsies from different parts of the world. *IARC Sci Publ*, 191 – 3.
- Despa, S. 2017. What is Survival Analysis? [Online]. cited 2017 December Friday. Available from: <https://www.cscu.cornell.edu/news/statnews/stnews78.pdf>.
- Ehrlich, P. 1909. The current state of cancer research (Über den jetzigen stand der karzinomforschung). *Ned Tijdschr Geneeskde*, 5:273–290.
- Fandi, A., Bachouchi, M., Azli, N., Taamma, A., Boussen, H., Wibault, P., *et al.* 2000. Long-term disease-free survivors in metastatic undifferentiated carcinoma of nasopharyngeal type. *J Clin Oncol*, 18: 1324-1330.
- Farias, T.P., Dias, F.L., Lima, R.A. 2003. Prognostic Factors and Outcome for Nasopharyngeal Carcinoma. *Arch Otolaryngol Head Neck Surg*, July; 129(7):794-799.
- Farrell, P.J., Cludts, I., Stuhler, A. 1997. Epstein-Barr virus genes and cancer cells. *Biomed Pharmacother*, 51:258-267.
- Fee, W.E.J., Moir, M.S., Choi, E.C., Goffinet, D. 2002. Nasopharyngectomy for recurrent nasopharyngeal cancer: a 2- to 17-year follow-up. *Arch Otolaryngol Head Neck Surg*, 128(3): 280.
- Feng, J., Huang, Y., Chen, Q.X. 2014. The Combination of Platelet Count and Neutrophil Lymphocyte Ratio Is a Predictive Factor in Patients with Esophageal Squamous Cell Carcinoma. *Translational Oncology*, 7: 632–637.
- Ferlay, J., Soerjomataram, I., Dikshit, R., Eser, R., Mathers, C., Rebelo, M., *et al.* 2015. Cancer incidence and mortality worldwide: sources, methods and major patterns in GLOBOCAN 2012. *Int J Cancer*, Mar; 136(5): E359-86.
- Gabrilovich, D.I., Nagaraj, S. 2009. Myeloid-derived suppressor cells as regulators of the immune system. *Nature Reviews Immunology*, 9; 3, pp. 162–174.
- Gabrilovich, D.I., Ostrand-Rosenberg, S., Bronte, V. 2012. Coordinated regulation of myeloid cells by tumours. *Nat Rev Immunol*, 12(4): 253–268.
- Gallicchio, L., Matanoski, G., Tao, X.G. 2006. Adulthood consumption of preserved and nonpreserved vegetables and the risk of nasopharyngeal carcinoma: a systematic review. *Int J Cancer*, 119:1125 – 35.
- Gao, Y.S., Hu, C.S., Ying, H.M. 2008. Treatment results of nasopharyngeal carcinoma: a retrospective analysis of 1837 cases in a single institute. *Chin J Radiat Oncol*, 17 (5): 335-339.
- Geara, F.B., Sanguineti, G., Tucker, S.L., Garden, A.S., Ang, K.K., Morrison, W.H., *et al.* 1997. Carcinoma of the nasopharynx treated by radiotherapy

- alone: determinants of distant metastasis and survival. *Radiother Oncol*, 43(1): 53.
- GLOBOCAN 2018 : Estimated Cancer Incidence, Mortality and Prevalence Worldwide, 2018. www.globocan.iarc.fr
- Gonda, K., Shibata, M., Sato, Yu., Washio, M., *et al.* 2017. Elevated neutrophil-to-lymphocyte ratio is associated with nutritional impairment, immune suppression, resistance to S-1 plus cisplatin, and poor prognosis in patients with stage IV gastric cancer. *Molecular And Clinical Oncology*. 7: 1073-1078,
- Grivennikov, S.I., Greten, F.R., Karin, M. 2010. Immunity, inflammation, and cancer. *Cell*, 140(6): 883–899.
- Gu, X.B., Tian, T., Tian, X.J., Zhang, X.J. 2015. Prognostic significance of neutrophil-to-lymphocyte ratio in non-small cell lung cancer: a meta-analysis. *Sci Rep*, 5: 12493.
- Gu, X., Gao, X., Li, X., Qi, X., Ma, M. 2016. Prognostic significance of neutrophil-to-lymphocyte ratio in prostate cancer: evidence from 16,266 patients. *Sci Rep*, 6: 22089.
- Guigay, J. 2008. Advances in nasopharyngeal carcinoma. *Curr Opin Oncol*, 20:264–269.
- Guigay, J., Temam, S., Bourhis, J., *et al.* 2006. Nasopharyngeal carcinoma and therapeutic management: the place of chemotherapy. *Ann Oncol*, 17(Suppl. 10): x304-x307.
- Guo, Q.J., Jiang, W.P., Lin, S.J., Yang, L., Chen, C.B., Xu, L.Y., *et al.* 2012. Radiation therapy for locoregionally advanced nasopharyngeal carcinoma in elderly patients. *J Radiat Oncol*, 1:323-332.
- Guo, R., Chen, X.Z., Chen, L., Jiang, F., Tang, L.L., Mao, Y.P., *et al.* 2015. Comorbidity predicts poor prognosis in nasopharyngeal carcinoma: development and validation of a predictive score model. *Radiother Oncol*, February; 114(2): 249-56.
- Guo, X., Johnson, R.C., Deng, H., Liao, J., Guan, L., Nelson, G.W., *et al.* 2009. Evaluation of nonviral risk factors for nasopharyngeal carcinoma in a high-risk population of Southern China. *Int J Cancer*, 124: 2942-2947.
- Han, L., Lin, S.J., Pan, J.J., Chen, C.B., Zhang, Y., Zhang, X.C., *et al.* 2010. Prognostic factors of 305 nasopharyngeal carcinoma patients treated with intensitymodulated. *Chinese Journal of Cancer*, 29(2).
- Hasanov, R., Günizi, H., Güney, K. 2017. Evaluation of Prognostic Factors in Nasopharyngeal Cancers. *Acta Medica Alanya*, 1:2.
- He, J.R., Tang, L.Y., Yu, D.D., Su, F.X., Song, E.W., Lin, Y. 2011. Epstein-Barr virus and breast cancer: serological study in a high-incidence area of nasopharyngeal carcinoma. *Cancer Lett*, 309: 128-136.
- He, S.S., Wang, Y., Chen, H.Y., Yang, L., Liang, S.B., Lu, L.X., *et al.* 2016. C-Reactive Protein/Albumin Ratio (CAR) as a Prognostic Factor in Patients with Non-Metastatic Nasopharyngeal Carcinoma. *Journal of Cancer*, 7(15): 2360-2366.
- Henderson, B.E., Louie, E. 1978. Discussion of risk factors for nasopharyngeal carcinoma. *IARC Sci Publ*, 251-260.

- Herrmann, K., Niedobitek, G. 2003. Epstein-Barr virus-associated carcinomas: facts and fictions. *J Pathol*, 199: 140-145.
- Ho, H.C. 1976. Epidemiology of nasopharyngeal carcinoma. In T H, editor. *Cancer Asia*. Baltimore: University Park Press, p. 49-61.
- Hsu, M.M., Hong, R.L., Ting, L.L., Ko, J.Y., Sheen, T.S., Lou, P.J. 2001. Factors affecting the overall survival after salvage surgery in patients with recurrent nasopharyngeal carcinoma at the primary site: experience with 60 cases. *Arch Otolaryngol Head Neck Surg*, 127(7): 798.
- Hsu, M.M., Tu, S.M. 1983. Nasopharyngeal carcinoma in Taiwan. Clinical Manifestation and results of therapy. *Cancer*, 52: 362-368.
- Huang, P.Y., Wang, C.T., Cao, K.J., Guo, X., *et al.* 2013. Pretreatment body mass index as an independent prognostic factor in patients with locoregionally advanced nasopharyngeal carcinoma treated with chemoradiotherapy : Findings from a randomised trial. *European Journal of Cancer*. 49 : 1923–1931.
- Hui, E.P., Ma, B.B., Leung, S.F., *et al.* 2009. Randomized phase II trial of concurrent cisplatin-radiotherapy with or without neo-adjuvant docetaxel and cisplatin in advanced nasopharyngeal carcinoma. *J Clin Oncol*, 27(2): 242-249.
- Huncharek, M., Kupelnick, B. 2002. Combined chemoradiation versus radiation therapy alone in locally advanced nasopharyngeal carcinoma: results of a meta-an alysis of 1,528 patients from six randomized trials. *Am J Clin Oncol*, 25(3): 219-223.
- Hwang, S.G., Kim, K.M., Cheong, J.H., *et al.* 2012. Impact of pretreatment thrombocytosis on blood-borne metastasis and prognosis of gastric cancer. *Eur J Surg Oncol*, 38: 562-567.
- IARC. 1997. IARC monographs on the evaluation of carcinogenic risks to humans. Volume 70: Epstein-Barr virus and Kaposi's herpesvirus/human herpesvirus 8 Lyon: IARC Press.
- Ikedo, M., Furukawa, H., Imamura, H., Shimizu, J., Ishida, H., Masutani, S., Tatsuta, M., Satomi, T. 2002. Poor prognosis associated with thrombocytosis in patients with gastric cancer. *Ann Surg Oncol*, 9: 287–91.
- Ishizuka, M., Nagata, H., Takagi, K., Iwasaki, Y., Kubota, K. 2013. Combination of platelet count and neutrophil to lymphocyte ratio is a useful predictor of postoperative survival in patients with colorectal cancer. *British Journal of Cancer*, 109: 401–407.
- Jeannel, D., Bouvier, G., Hubert, A. 1999. Nasopharyngeal carcinoma. *Cancer Surv*, 33: 125-155.
- Jeon, K.H., Jang, H.J., Kim, T.H., Lee, H.J., Park, J.S., Choi, R.K., *et al.* 2015. Combination of platelet count and neutrophil-lymphocyte ratio (COP-NLR) predicts short-term and long-term clinical outcomes in patients with ST-segment elevation myocardial infarction. *Journal Of The American College Of Cardiology*, 66 (15) Suppl B.
- Jiang, R., Cai, X.Y., Yang, Z.H., Yan, Y., Zou, X., Guo, L., *et al.* Elevated peripheral blood lymphocyte-to-monocyte ratio predicts a favorable

- prognosis in the patients with metastatic nasopharyngeal carcinoma. *Chinese Journal of Cancer*, 34:23.
- Jiang, R., Zou, X., Hu, W., Fan, Y.Y., Yan, Y., Zhang, M.X., *et al.* 2015. The elevated pretreatment platelet-to-lymphocyte ratio predicts poor outcome in nasopharyngeal carcinoma patients. *Tumour Biol*, September; 36(10).
- Jin, Y., Shi, Y.X., Cai, X.Y., Xia, X.Y., Cai, Y.C., Cao, Y., *et al.* 2012. Comparison of five cisplatin-based regimens frequently used as the first-line protocols in metastatic nasopharyngeal carcinoma. *J Cancer Res Clin Oncol*, 138(10):1717.
- Kam, M.K., Leung, S.F., Zee, B., Chau, R.M., Suen, J.J., Mo, F., *et al.* 2007. Prospective randomized study of intensity-modulated radiotherapy on salivary gland function in early-stage nasopharyngeal carcinoma patients. *J Clin Oncol*, 25(31): 4873.
- Kangro, H.O., Osman, H.K., Lau, Y.L., Heath, R.B., Yeung, C.Y., Ng, M.H. 1994. Seroprevalence of antibodies to human herpesviruses in England and Hong Kong. *J Med Virol*, 43:91 – 6.
- Koduru, S., Wong, E., Strowig, T., *et al.* 2012. Dendritic cell-mediated activation induced cytidine deaminase (AID)-dependent induction of genomic instability in human myeloma. *Blood*, 119(10):2302–2309.
- Kong, F., Cai, B.Z., Chen, X.Z., Zhang, J., Wang, Y.M. 2013. Prognostic factors for survival of patients with nasopharyngeal carcinoma following conventional fractionation radiotherapy. *Experimental and Therapeutic Medicine*, 6: 57-60.
- Kulapaditharom, B., Boonkitticharoen, B. 1996. Photodynamic therapy in the treatment of head and neck cancers: a two-year experience. *J Med Assoc Thai*, 79:229-235.
- Kulapaditharom, B., Boonkitticharoen, V. 2000. Photodynamic therapy in management of head and neck cancers and precancerous lesions. *J Med Assoc Thai*, 83: 249-258.
- Lanier, A., Bender, T., Talbot, M. 1980. Nasopharyngeal carcinoma in Alaskan Eskimos Indians, and Aleuts: a review of cases and study of Epstein-Barr virus, HLA, and environmental risk factors. *Cancer*, 46:2100 – 6.
- Laouamri, S., Hamdi-Cherif, M., Sekfali, N., Mokhtari, L., Kharchi, R. 2001. Dietary risk factors of nasopharyngeal carcinoma in the Setif area in Algeria. *Rev Epidemiol Sante Publique*, 49: 145 – 56.
- Lee, M.J., Fried, S.K. 2009. Integration of hormonal and nutrient signals that regulate leptin synthesis and secretion. *Am J Physiol Endocrinol Metab*. 296; E1230–E1238.
- Le, Q.T., Jones, C.D., Yau, T.K., Shirazi, H.A., Wong, P.H., Thomas, E.N., *et al.* 2005. A comparison study of different PCR assays in measuring circulating plasma epstein-barr virus DNA levels in patients with nasopharyngeal carcinoma. *Clin Cancer Res*, 11(16): 5700.
- Lechner, M.G., Liebertz, D.J., Epstein, A.L. 2010. Characterization of cytokine-induced myeloid-derived suppressor cells from normal human peripheral blood mononuclear cells. *The Journal of Immunology*, 185: 4: pp. 2273–2284.

- Lee, A.W., Foo, W., Law, S.C., Poon, Y.F., Sze, W.M., O, S.K., *et al.* 1997. Nasopharyngeal carcinoma: presenting symptoms and duration before diagnosis. *Hong Kong Med J*, 3: 355-361.
- Lee, A.W., Foo, W., Mang, O. 2003. Changing epidemiology of nasopharyngeal carcinoma in Hong Kong over a 20-year period (1980-99): an encouraging reduction in both incidence and mortality. *Int J Cancer*, 103: 680 – 5.
- Lee, A.W., Law, S.C., Foo, W., Poon, Y.F., Cheung, F.K., Chan, D.K., *et al.* 1993. Retrospective analysis of patients with nasopharyngeal carcinoma treated during 1976-1985: survival after local recurrence. *Int J Radiat Oncol Biol Phys*, 26: 773-782.
- Lee, A.W., Lydiatt, W.M., Colevas, A.D. 2017. Nasopharynx. In MB A, editor. *AJCC Staging Manual*, 8th. New York: Springer, p. 103.
- Lee, A.W., Ma, B.B., Ng, W.T., Chan, A.T. 2015. Management of Nasopharyngeal Carcinoma: Current Practice and Future Perspective. *J Clin Oncol*, October; 33(29): 3356-64.
- Lee, A.W., Ng, W.T., Chan, L.L., Hung, W.M., Chan, C.C., Sze, H.C., *et al.* 2014. Evolution of treatment for nasopharyngeal cancer success and setback in the intensity-modulated radiotherapy era. *Radiother Oncol*, March; 110(3): 377-84.
- Lee, H.P., Gourley, L., Duffy, S.W., Esteve, J., Lee, J., Day, N.E. 1994. Preserved foods and nasopharyngeal carcinoma: a case-control study among Singapore Chinese. *Int J Cancer*, 59:585 – 90.
- Leung, S.F., Zee, B., Ma, B.B., Hui, E.P., Mo, F., Lai, M., *et al.* 2006. Plasma Epstein-Barr viral deoxyribonucleic acid quantitation complements tumor-node-metastasis staging prognostication in nasopharyngeal carcinoma. *J Clin Oncol*, 24(34): 5414
- Lewalle, J.M., Castronovo, V., Goffinet, G., Foidart, J.M. 1991. Malignant cell attachment to endothelium of ex vivo perfused human umbilical vein. Modulation by platelets, plasma and fibronectin. *Thromb Res*, 62: 287–98
- Li, C.C., Yu, M.C., Henderson, B.E. 1985. Some epidemiologic observations of nasopharyngeal carcinoma in Guangdong, People's Republic of China. *J Natl Cancer Inst Monogr*, 69: 49 – 52.
- Li, G., Gao, J., Liu, Z.G., Tao, Y.L., Xu, B.Q., Tu, Z.W., *et al.* 2014. Influence of pretreatment ideal body weight percentile and albumin on prognosis of nasopharyngeal carcinoma: Long-term outcomes of 512 patients from a single institution. *Head Neck*, 36: 660–666.
- Li, J., Jiang, R., Liu, W.S., Liu, Q., Xu, M., Feng, Q.S. 2013. A large cohort study reveals the association of elevated peripheral blood lymphocyte-to-monocyte ratio with favorable prognosis in nasopharyngeal carcinoma. *PloS one*. S:e83069.
- Liang, S.B., Teng, J.J., Hu, X.F., Yang, X.L., Luo, M., Fang, X.N., *et al.* 2017. Prognostic value of total tumor volume in patients with nasopharyngeal carcinoma treated with intensity-modulated radiotherapy. *BMC Cancer*, 17: 506.

- Lin, J.C., Wang, W.Y., Chen, K.Y., *et al.* 2004. Quantification of plasma Epstein–Barr virus DNA in patients with advanced nasopharyngeal carcinoma. *N Engl J Med*, 350: 2461–2470.
- Lin, T.M., Chen, K.P., Lin, C.C. 1973. Retrospective study on nasopharyngeal carcinoma. *J Natl Cancer Inst*, 51: 1403 – 8.
- Lin, Y.H., Chang, K.P., Lin, Y.S., Chang, T.S. 2017. Pretreatment combination of platelet counts and neutrophil–lymphocyte ratio predicts survival of nasopharyngeal cancer patients receiving intensity-modulated radiotherapy. *OncoTargets and Therapy*, 10: 2751–2760.
- Liu, Q., Chen,, J.Q., Huang, Q.H., Li, Y.H. 2013. Trends of survival in patients with nasopharyngeal carcinoma between 1976 and 2005 in Sihui, China : a population-based study. *Chin J Cancer*, 32.
- Lo, Y.M., Chan, A.T., Chan, L.Y., *et al.* 2000. Molecular prognostication of nasopharyngeal carcinoma by quantitative analysis of circulating Epstein–Barr virus DNA. *Cancer Res*, 60: 6878–6881.
- Loong, H.H., Ma, B.B., Chan, A.T. 2008. Update on the management and therapeutic monitoring of advanced nasopharyngeal cancer. *Hematol Oncol Clin North Am*, 22(6):1267.
- Lu, C.C., Chang, K.W., Chou, F.C., *et al.* 2007. Association of pretreatment thrombocytosis with disease progression and survival in oral squamous cell carcinoma. *Oral Oncol*, 43: 283-288.
- Mabuchi, K., Bross, D.S., Kessler, I.I. 1985. Cigarette smoking and nasopharyngeal carcinoma. *Cancer*, 55: 2874 – 6.
- Mabuchi, S., Matsumoto, Y., Kawano, M., Minami, K., *et al.* 2014. Uterine cervical cancer Displaying tumor-related leukocytosis: A Distinct clinical entity With radioresistant Feature. *J Natl Cancer Inst*. 106: 7.
- Macciò, M., Madeddu, C., Gramignano, G., Mulas, C., Tanca, L. *et al.* 2015. The role of inflammation, iron, and nutritional status in cancer-related anemia: results of a large, prospective, observational study. *Haematologica*. 100;1.
- Mak, H.W., Lee, S.H., Chee, J., Tham, I., *et al.* 2015. Clinical Outcome among Nasopharyngeal Cancer Patients in a Multi-Ethnic Society in Singapore. *PLoS ONE*. 10(5): e0126108.
- Mantovani, A., Allavena, P., Sica, A., Balkwill, F. 2008. Cancer related inflammation. *Nature*, 454: 436-444.
- McMillan, D.C. 2009. Systemic inflammation, nutritional status and survival in patients with cancer. *Curr Opin Clin Nutr Metab Care*. 12: 223–226.
- Min, H.Q. 1998. The time trends of nasopharyngeal carcinoma. Guangzhou: Science and Technology Press, 6-12.
- Monreal, M., Fernandez-Llamazares, J., Pinol, M., Julian, J.F., Broggi, M., Escola, D., Abad, A. 1998. Platelet count and survival in patients with colorectal cancer—a preliminary study. *Thromb Haemost*, 79: 916–8.
- Mueller, N.E., Evans, A.S., London, W.T. 1996. Virus. In Schottenfeld D FJJ, editor. *Cancer epidemiology and prevention*. 2nd ed. New York: Oxford University Press, p. 502 – 31.
- Müller, E., Beleites, E. 2000. The basaloid squamous cell carcinoma of the nasopharynx. *Rhinology*, 38(4): 208.

- Nagaraj, S., Schrum, A.G., Cho, H.I., Celis, E., Gabrilovich, D.I. 2010. Mechanism of T cell tolerance induced by myeloid-derived suppressor cells. *The Journal of Immunology*, 184: 6, pp. 3106–3116.
- Nam, J.M., McLaughlin, J.K., Blot, W.J. 1992. Cigarette smoking, alcohol, and nasopharyngeal carcinoma: a case-control study among U.S. whites. *J Natl Cancer Inst*, 84: 619 – 22.
- Nakahira, M., Sugasawa, M., Matsumura, S., Kuba, K., Ohba, S., Hayashi, T., *et al.* 2016. Prognostic role of the combination of platelet count and neutrophil–lymphocyte ratio in patients with hypopharyngeal squamous cell carcinoma. *Eur Arch Otorhinolaryngol*.
- Nakayama, M., Goshō, M., Hirose, Y., Nishimura, B., Tanaka, S., Tabuchi, K., *et al.* 2018. Modified combination of platelet count and neutrophil “to” lymphocyte ratio as a prognostic factor in patients with advanced head and neck cancer. *Head & Neck*. 2018; 1–9.
- Ng, S.H., Chan, S.C., Yen, T.C., Chang, J.T., Liao, C.T., Ko, S.F., *et al.* 2009. Staging of untreated nasopharyngeal carcinoma with PET/CT: comparison with conventional imaging work-up. *Eur J Nucl Med Mol Imaging*, 36:12–22.
- Nguyen, M.Q., Nguyen, C.H., Parkin, D.M. 1998. Cancer incidence in Ho Chi Minh City, Viet Nam, 1995–1996. *Int J Cancer*, 76: 472 – 9.
- Niederman, J.C., Evans, A.S. 1997. Viral Infection of Humans. In Evans AS KR, editor. *Epidemiology and Control*. 4th Ed. New York: Plenum Publishing Corporation, p. 253–283.
- Nyst, H.J., van Heen, R.L., Tan, I.B., Peters, R., Spaniol, S., Robinson, D.J., *et al.* 2007. Performance of a dedicated light delivery and dosimetry device for photodynamic therapy of nasopharyngeal carcinoma: phantom and volunteer experiments. *Lasers Surg Med*, 39: 647–653.
- Okano, M., Thiele, G.M., Davis, J.R., Grierson, H.L., Purtilo, D.T. 1988. Epstein-Barr virus and human diseases: recent advances in diagnosis. *Clin Microbiol Rev*, 1:300–3012.
- Old, L.J., Boyse, E.A., Oettgen, H.F. 1966. Precipitating antibody in human serum to an antigen present in cultured Burkitt’s lymphoma cells. *Proc Natl Acad Sci U S A*, 56:1699 – 704.
- Parkin, D.M., Muir, C.S., Whelan, S.L. 1992. Cancer Incidence in Five Continents. Lyon: *IARC Publications*.
- Parkin, D.M., Bray, F., Ferlay, J., Pisani, P. 2005. Global cancer statistics, 2002. *CA Cancer J Clin*, 55: 74–108.
- Pedersen, L.M., Milman, N. 1996. Prognostic significance of thrombocytosis in patients with primary lung cancer. *Eur Respir J*, 9: 1826–1830.
- Peranzoni, E., Zilio, S., Marigo, I., *et al.* 2010. Myeloid-derived suppressor cell heterogeneity and subset definition. *Current Opinion in Immunology*, 22: . 2, pp. 238–244.
- Pow, E.H., Kwong, D.L., McMillan, A.S., Wong, M.C., Sham, J.S., Leung, L.H., *et al.* 2006. Xerostomia and quality of life after intensity-modulated radiotherapy vs. conventional radiotherapy for early-stage nasopharyngeal

- carcinoma: initial report on a randomized controlled trial. *Int J Radiat Oncol Biol Phys*, 66(4):981.
- Prinja, S., Gupta, N., Verma, R. 2010. Censoring in Clinical Trials: Review of Survival Analysis Techniques. *Indian Journal of Community Medicine*. 35; 2.
- Raab, T.N. 2002. Epstein-Barr virus in pathogenesis of NPC. *Semin Cancer Biol*, 12:431-441.
- Raghupathy, R., Hui, E.P., Chan, A.T. 2014. Epstein-Barr virus as a paradigm in nasopharyngeal cancer: from lab to clinic. *Am Soc Clin Oncol Educ Book*.
- Raissouni, S., Rais, G., Lkhoyaali, S., Aitelhaj, M., Mouzount, H., Mokrim, M., *et al*. 2013. Clinical prognostic factors in locally advanced nasopharyngeal carcinoma in Moroccan population. *G. J. O*, 14.
- Rottey, S., Madani, I., Deron, P., Van Belle, S. 2011. Modern treatment for nasopharyngeal carcinoma: current status and prospects. *Curr Opin Oncol*, 23: 254-258.
- Saemundsen, A.K., Albeck, H., Hansen, J.P. 1982. Epstein-Barr virus in nasopharyngeal and salivary gland carcinomas of Greenland Eskimos. *Br J Cancer*, 46: 721 – 8.
- Salgado, R., Vermeulen, P.B., Benoy, I., Weytjens, R., Huget, P., van Marck, E., Dirix, L.Y. 1999. Platelet number and interleukin-6 correlate with VEGF but not with bFGF serum levels of advanced cancer patients. *Br J Cancer*, 80: 892–7.
- Sarach, M.A., Rovasio, R.A., Eynard, A.R. 1993. Platelet factors induce chemotactic migration of murine mammary adenocarcinoma cells with different metastatic capabilities. *Int J Exp Pathol*, 74: 511–7.
- Sastroasmoro, S., Ismail, S. 2014. In *Dasar-dasar Metodologi Penelitian Klinis*. 5th ed. Jakarta: CV. Sagung Seto, pp. 368 - 76.
- Schmidt, H., Bastholt, L., Geertsens, P., *et al*. 2005. Elevated neutrophil and monocyte counts in peripheral blood are associated with poor survival in patients with metastatic melanoma: a prognostic model. *British Journal of Cancer*, 93: 3, pp. 273–278.
- Schottenfeld, D. 1996. Nasopharyngeal cancer. In *Cancer epidemiology and prevention*. 2nd ed. New York: Oxford University Press, p. 603– 18.
- Schumacher, T.N., Schreiber, R.D. 2015. Neoantigens in cancer immunotherapy. *Science*, 348(6230): 69–74.
- Shalapour, S., Karin, M. 2015. Immunity, inflammation, and cancer: an eternal fight between good and evil. *J Clin Invest*, 125(9): 3347–3355.
- Sham, J.S., Cheung, Y.K., Choy, D., Chan, F.L., Leong, L. 1991. Nasopharyngeal carcinoma: CT evaluation of patterns of tumor spread. *AJNR Am J Neuroradiol*, 12:265-270.
- Sham, J.S., Wei, W.I., Zong, Y.S., Choy, D., Guo, Y.Q., Luo, Y., *et al*. 1990. Detection of subclinical nasopharyngeal carcinoma by fiberoptic endoscopy and multiple biopsy. *Lancet*, 335: 371-374.
- Shanmugaratnam, K. 1982. Nasopharynx. In Schottenfeld D FJJ, editor. Philadelphia: W.B. Saunders, p. 536-53.

- Shimada, H., Oohira, G., Okazumi, S., *et al.* 2004. Thrombocytosis associated with poor prognosis in patients with esophageal carcinoma. *J Am Coll Surgeons*, 198: 737-741.
- Shurin, M.R. 2012. Cancer as an immune-mediated disease. *ImmunoTargets and Therapy*, 1: 1–6.
- Sierko, E., Wojtukiewicz, M.Z. 2004. Platelets and angiogenesis in malignancy. *Semin Thromb Hemost*, 30: 95–108
- Snyder, A., Makarov, V., Merghoub, T., Yuan, J., Zaretsky, J.M., Desrichard, A., *et al.* 2014. Genetic basis for clinical response to CTLA-4 blockade in melanoma. *N Engl J Med*, 371: 2189-99.
- Sriamporn, S., Vatanasapt, V., Pisani, P., Yongchaiyudha, S., Rungpitarangsri, V. 1992. Environmental risk factors for nasopharyngeal carcinoma: a case-control study in northeastern Thailand. *Cancer Epidemiol Biomarkers Prev*, 1: 345 – 8.
- Stoker, S.D., Fles, R., Herdini, C., Rijntjes, J.F., Tjokronagoro, M., Dwidanarti, R., *et al.* 2015. The Impact of the Overall Radiotherapy Time on Clinical Outcome of Patients with Nasopharyngeal Carcinoma; A Retrospective Study. *PLoSOne*. 11(3): e0151899.
- Suarez, C., Rodrigo, J.P., Rinaldo, A., Langendijk, J.A., Shaha, A.R., Ferlito, A. 2010. Current treatment options for recurrent nasopharyngeal cancer. *Eur Arch Otorhinolaryngol*, 267: 1811-1824.
- Sun, P., Chen, C., Xia, Y., Bi, X.W., Liu, P.P., Zheng, F., *et al.* 2017. The Ratio of C-Reactive Protein/Albumin is a Novel Inflammatory Predictor of Overall Survival in Cisplatin-Based Treated Patients with Metastatic Nasopharyngeal Carcinoma. *Hindawi*.
- Sun, W., Zhang, L., Luo, M., Hu, G., Mei, Q., Liu, D., *et al.* 2016. Pretreatment hematologic markers as prognostic factors in patients with nasopharyngeal carcinoma: Neutrophil-lymphocyte ratio and platelet-lymphocyte ratio. *Head Neck*. April; 38(1).
- Symbas, N.P., Townsend, M.F., El-Galley, R., Keane, T.E., Graham, S.D., Petros, J.A. 2000. Poor prognosis associated with thrombocytosis in patients with renal cell carcinoma. *BJU Int*, 86: 203–7. bju792.
- Tan, I.B., Dolivet, G., Ceruse, P., Vander Poorten, V., Roest, G., Rauschnig, W. 2010. Temoporfin-mediated photodynamic therapy in patients with advanced, incurable head and neck cancer: A multicenter study. *Head Neck*, December; 32(12):1597-604.
- Taucher, S., Salat, A., Gnant, M., *et al.* 2003. Austrian Breast and Colorectal Cancer Study Group: Impact of pretreatment thrombocytosis on survival in primary breast cancer. *Thromb Haemost*, 89: 1098-1106.
- Teo, P.M., Kwan, W.H., Chan, A.T., Lee, W.Y., King, W.W., Mok, C.O. 1998. How successful is high-dose (> or = 60 Gy) reirradiation using mainly external beams in salvaging local failures of nasopharyngeal carcinoma? *Int J Radiat Oncol Biol Phys*, 40: 897-913.
- Teo, P.M., Leung, S.F., Yu, P., Tsao, S.Y., Foo, W., Shiu, W. 1991. A comparison of Ho's, International Union Against Cancer, and American Joint

- Committee stage classifications for nasopharyngeal carcinoma. *Cancer*, 67:434-439.
- Tham, I.W., Lin, S., Pan, J., *et al.* 2010. Intensity-modulated radiation therapy without concurrent chemotherapy for stage IIb nasopharyngeal cancer. *Am J Clin Oncol*, 33(3): 294-299.
- Thephamongkhol, D., Browman, G., Wong, R. 2004. Chemoradiotherapy versus radiotherapy alone for nasopharyngeal carcinoma: a meta-analysis of 78 randomized controlled trials (RCTs) from English and non-English databased. *J Clin Oncol*, ASCO Annual Meeting Proceedings.
- Thompson, L.D.R. 2007. Update on Nasopharyngeal Carcinoma. *Head and Neck Pathol*; 1: 81–86.
- Tian, Y.M., Xiao, W.W., Bai, L., Liu, X.W., Zhao, C., Lu, T.X., *et al.* 2015. Impact of primary tumor volume and location on the prognosis of patients with locally recurrent nasopharyngeal carcinoma. *Chinese Journal of Cancer*, 34:21.
- Tian, Y.M., Zeng, L., Wang, F.H., Liu, S., Guan, Y., Lu, T.X., *et al.* 2013. Prognostic factors in nasopharyngeal carcinoma with synchronous liver metastasis: a retrospective study for the management of treatment. *Radiation Oncology*, 8: 272.
- To, E.W., Lai, E.C., Cheng, J.H., Pang, P.C., Williams, M.D., Teo, P.M. 2002. Nasopharyngectomy for recurrent nasopharyngeal carcinoma: a review of 31 patients and prognostic factors. *Laryngoscope*, 112(10): 1877.
- Tranum, B.L., Haut, A. 1974. Thrombocytosis: platelet kinetics in neoplasia. *J Lab Clin Med*, 84: 615–9.
- Tsai, S.T., Jin, Y.T., Mann, R.B., Ambinder, R.F. 1998. Epstein-Barr virus detection in nasopharyngeal tissues of patients with suspected nasopharyngeal carcinoma. *Cancer*, 82: 1449-1453
- Tsao, S.W., Tsang, C.M., Pang, P.S., Zhang, G., Chen, H., Lo, K.W. 2012. The biology of EBV infection in human epithelial cells. *Semin Cancer Biol*, 22:137-143.
- Tsujino, T., Komura, K., Ichihashi, A., Tsumi, T., Matsunaga, T., Yoshikawa, Y. 2017. The combination of preoperative platelet count and neutrophil lymphocyte ratio as a prognostic indicator in localized renal cell carcinoma. *Oncotarget*, 8 (66) : 110311-110325.
- Uribe-Querol, E., Rosales, C. 2015. Neutrophils in cancer: two sides of the same coin. *Hindawi*, 2015.
- Vanneman, M., Dranoff, G. 2012. Combining immunotherapy and targeted therapies in cancer treatment. *Nat Rev Cancer*, 12(4): 237–251.
- Vaughan, T.L., Shapiro, J.A., Burt, R.D., Swanson, G.M., Berwick, M., Lynch, C.F., *et al.* 1996. Nasopharyngeal cancer in a low-risk population: defining risk factors by histological type. *Cancer Epidemiol Biomarkers Prev*, 5:587 – 93.
- Vokes, E.E., Liebowitz, D.N., Weichselbaum, R.R. 1997. Nasopharyngeal Carcinoma. *Lancet*, 350: 1087-1091.

- Wallach, D., Kang, T.B., Kovalenko, A. 2014. Concepts of tissue injury and cell death in inflammation: a historical perspective. *Nat Rev Immunol*, 14(1): 51–59.
- Wang, C.C. 1987. Re-irradiation of recurrent nasopharyngeal carcinoma-treatment techniques and results. *Int J Radiat Oncol Biol Phys*, 13: 953-956.
- Wang, J., Qu, J., Li, Z., Che, X., Liu, J., Teng, Y., *et al.* 2017. Combination of platelet count and neutrophil-lymphocyte ratio as a prognostic marker to predict chemotherapeutic response and survival in metastatic advanced gastric cancer. *Biomark. Med*, 11(5): 835–845
- Wang, W.D., Feng, M., Fan, Z.X., Li, J., Lang, J.Y. 2014. Clinical Outcomes and Prognostic Factors of 695 Nasopharyngeal Carcinoma Patients Treated with Intensity-Modulated Radiotherapy. *Hindawi*.
- Wei, W.I., Chan, J.Y., Ng, R.W., Ho, W.K. 2010. Surgical salvage of persistent or recurrent nasopharyngeal carcinoma with maxillary swing approach-Critical appraisal after 2 decades. *Head Neck*.
- Wei, W.I., Sham, J.S. 2005. Nasopharyngeal Carcinoma. *Lancet*, 365: 2041-2054.
- West, S., Hildesheim, A., Dosemeci, M. 1993. Non-viral risk factors for nasopharyngeal carcinoma in the Philippines: results from a case-control study. *Int J Cancer*, 55: 722 – 7.
- Wildeman, M. 2012. Current problems and possible solutions in the treatment of Nasopharyngeal Carcinoma in Indonesia. Amsterdam.
- Wildeman, M.A., Fles, R., Herdini, C., Indrasari, R.S., Vincent, A.D., Tjoktonagoro, M., *et al.* 2013. Primary Treatment Results of Nasopharyngeal Carcinoma (NPC) in Yogyakarta, Indonesia. *Plos One*. 8; 5: e63706.
- Williams, M., Liu, Z.W., Woolf, D., *et al.* 2012. Change in platelet levels during radiotherapy with concurrent and adjuvant temozolomide for the treatment of glioblastoma : a novel prognostic factor for survival. *J Cancer Res Clin Oncol*. 138: 1683–1688.
- Wolf, H., zur Hausen, H., Becker, V. 1973. EB viral genomes in epithelial nasopharyngeal carcinoma cells. *Nat New Biol*, 244:245 – 7.
- Wu, W.K.R., Chu, S.M.E., Yow, M.N.C. 2016. Photodynamic therapy: new light to the nasopharyngeal treatment. *JSM Head Neck Cancer Cases Rev*, 1(1): 1005.
- Xiao, W.K., Chen, D., Li, S.Q., Fu, S.J., Peng, B.G., Liang, L.J. 2014. Prognostic significance of neutrophil-lymphocyte ratio in hepatocellular carcinoma: a meta-analysis. *BMC Cancer*, 14: 117.
- Yan, J.H., Hu, Y.H., Gu, X.Z. 1983. Radiation therapy of recurrent nasopharyngeal carcinoma. Report on 219 patients. *Acta Radiol Oncol*, 22: 23-28.
- Yin, J., Qin, Y., Luo, Y.K., Feng, M., Lang, J.Y. 2017. Prognostic value of neutrophil-to-lymphocyte ratio for nasopharyngeal carcinoma: A meta-analysis. *Medicine*, July; 96(29).
- Yow, C.M., Chen, J.Y., Mak, N.K., Cheung, N.H., Leung, A.W. 2000. Cellular uptake, subcellular localization and photodamaging effect of temoporfin (mTHPC) in nasopharyngeal carcinoma cells: comparison with hematoporphyrin derivative. *Cancer Lett*, 157: 123-131.

- Yu, B., Li, Z., Zheng, Q., Luo, Z., Li, J., Zhou, Y., *et al.* 2017. Prognostic value of neutrophil to lymphocyte ratio in patients with nasopharyngeal carcinoma: A meta-analysis. *Biomedical Research*, 28 (3): 1378-1382
- Yu, K.H., Leung, S.F., Tung, S.Y., Zee, B., Chua, D.T., Sze, W.M., *et al.* 2005. Hong Kong Nasopharyngeal Carcinoma Study Group. Survival outcome in patients with nasopharyngeal carcinoma with first local failure: a study by the Hong Kong Nasopharyngeal Carcinoma Study Group. *Head Neck*, 27(5): 397
- Yu, M.C., Garabrant, D.H., Huang, T.B., Henderson, B.E. 1990. Occupational and other non-dietary risk factors for nasopharyngeal carcinoma in Guangzhou, China. *Int J Cancer*, 45:1033 – 9.
- Yu, M.C., Ho, J.H., Lai, S.H., Henderson, B.E. 1986. Cantonese-style salted fish as a cause of nasopharyngeal carcinoma: report of a case-control study in Hong Kong. *Cancer Res*, 46: 956 – 61.
- Yu, M.C., Huang, T.B., Henderson, B.E. 1989. Diet and nasopharyngeal carcinoma: a case-control study in Guangzhou, China. *Int J Cancer*, 43: 1077-1082.
- Yu, M.C., Mo, C.C., Chong, W.X., Yeh, F.S., Henderson, B.E. 1988. Preserved foods and nasopharyngeal carcinoma: a case-control study in Guangxi, China. *Cancer*, 48: 1954 – 9.
- Yuan, J.M., Wang, X.L., Xiang, Y.B., Gao, Y.T., Ross, R.J., Yu, M.C. 2000. Preserved foods in relation to risk of nasopharyngeal carcinoma in Shanghai, China. *Int J Cancer*, 85:358-363.
- Zeimet, A.G., Marth, C., Muller-Holzner, E., Daxenbichler, G., Dapunt, O. 1994. Significance of thrombocytosis in patients with epithelial ovarian cancer. *Am J Obstet Gynecol*, 170: 549–54.
- Zhang, H., Zhang, L., Zhu, K., Shi, B., Yin, Y., Zhu, J., *et al.* 2015. Prognostic significance of combination of preoperative platelet count and neutrophil lymphocyte ratio (COP-NLR) in patients with Non-Small Cell Lung Cancer: Based on a large cohort study. *PLoS One*. 10(5).
- Zhang, L., Zhao, C., Ghimire, B., Hong, M.H., Liu, Q., Zhang, Y., *et al.* 2010. The role of concurrent chemoradiotherapy in the treatment of locoregionally advanced nasopharyngeal carcinoma among endemic population: a meta-analysis of the phase III randomized trials. *BMC Cancer*, 10: 558.
- Zhang, S.W., Chen, W.Q., Kong, L.Z. 2007. An annual report: cancer incidence in 35 cancer registries in China, 2003. *Bull of Chin Cancer*, 16(7): 494-506.
- Zhang, X., Zhang, W., Feng, L.J. 2014. Prognostic significance of neutrophil lymphocyte ratio in patients with gastric cancer: a meta-analysis. *PLoS One*, 9: e111906.
- Zhu, K., Levine, R.S., Brann, E.A., Gnepp, D.R., Baum, M.K. 1997. Cigarette smoking and nasopharyngeal cancer: an analysis of the relationship according to age at starting smoking and age at diagnosis. *J Epidemiol*, 7: 107 – 11.
- Zhu, K., Levine, R.S., Brann, E.A., Hall, H.I., Caplan, L.S., Gnepp, D.R. 2002. Case-control study evaluating the homogeneity and heterogeneity of risk

factors between sinonasal and nasopharyngeal cancers. *Int J Cancer*, 99: 119 – 23.

Zong, Y.S., Zhang, R.F., He, S.Y., Qiu, H. 1983. Histopathologic types and incidence of malignant nasopharyngeal tumors in Zhongshan County. *Chin Med J (Engl)*, 96:511 – 6.

Zou, J., Sun, Q., Akiba, S., Yuan, Y., Zha, Y., Tao, Z., *et al.* 2000. A case-control study of nasopharyngeal carcinoma in the high background radiation areas of Yangjiang, China. *J Radiat Res*, 41 Suppl: 53-62.