

# Ki Chang Keum

## List of Publications by Year in descending order

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132  
papers

3,399  
citations

147566  
31  
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182168  
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134  
all docs

134  
docs citations

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times ranked

4995  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Risk of Lymphedema Following Contemporary Treatment for Breast Cancer. <i>Annals of Surgery</i> , 2021, 274, 170-178.  | 2.1 | 67        |
| 2  | Clinical feasibility of deep learning-based auto-segmentation of target volumes and organs-at-risk in breast cancer patients after breast-conserving surgery. <i>Radiation Oncology</i> , 2021, 16, 44.  | 1.2 | 33        |
| 3  | Feasibility of Continual Deep Learning-Based Segmentation for Personalized Adaptive Radiation Therapy in Head and Neck Area. <i>Cancers</i> , 2021, 13, 702.   | 1.7 | 20        |
| 4  | Postoperative Concurrent Chemoradiotherapy Versus Radiotherapy Alone for Advanced Oral Cavity Cancer in the Era of Modern Radiation Techniques. <i>Frontiers in Oncology</i> , 2021, 11, 619372.   | 1.3 | 4         |
| 5  | Hypofractionated volumetricâ€modulated arc therapy for breast cancer: A propensityâ€scoreâ€weighted comparison of radiationâ€related toxicity. <i>International Journal of Cancer</i> , 2021, 149, 149-157.  | 2.3 | 11        |
| 6  | Risk of Cardiac Disease in Patients With Breast Cancer: Impact of Patient-Specific Factors and Individual Heart Dose From Three-Dimensional Radiation Therapy Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 473-481. | 0.4 | 30        |
| 7  | Image quality of 4D in-treatment CBCT acquired during lung SBRT using FFF beam: a phantom study. <i>Radiation Oncology</i> , 2020, 15, 224.  | 1.2 | 2         |
| 8  | Hypofractionated Radiotherapy Dose Scheme and Application of New Techniques Are Associated to a Lower Incidence of Radiation Pneumonitis in Breast Cancer Patients. <i>Frontiers in Oncology</i> , 2020, 10, 124.  | 1.3 | 35        |
| 9  | Treatment outcomes of patients with salivary duct carcinoma undergoing surgery and postoperative radiotherapy. <i>Acta OncolÃ³gica</i> , 2020, 59, 565-568.  | 0.8 | 5         |
| 10 | Enhancement of antitumor effect of radiotherapy via combination with Au@SiO2 nanoparticles targeted to tumor-associated macrophages. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 84, 349-357.   | 2.9 | 6         |
| 11 | Patterns of local recurrence after curative resection and reconstruction for oropharyngeal and oral cancers: Implications for postoperative radiotherapy target volumes. <i>Head and Neck</i> , 2019, 41, 3916-3923.   | 0.9 | 12        |
| 12 | Treatment Outcomes of Re-irradiation in Locoregionally Recurrent Rectal Cancer and Clinical Significance of Proper Patient Selection. <i>Frontiers in Oncology</i> , 2019, 9, 529.   | 1.3 | 13        |
| 13 | Influence of Radiation Dose to Reconstructed Breast Following Mastectomy on Complication in Breast Cancer Patients Undergoing Two-Stage Prosthetic Breast Reconstruction. <i>Frontiers in Oncology</i> , 2019, 9, 243.   | 1.3 | 21        |
| 14 | Patterns of failures after surgical resection in olfactory neuroblastoma. <i>Journal of Neuro-Oncology</i> , 2019, 141, 459-466.   | 1.4 | 8         |
| 15 | Radiotherapy for initial clinically positive internal mammary nodes in breast cancer. <i>Radiation Oncology Journal</i> , 2019, 37, 91-100.  | 0.7 | 13        |
| 16 | The Effect of Hospital Case Volume on Clinical Outcomes in Patients with Nasopharyngeal Carcinoma: A Multi-institutional Retrospective Analysis (KROG-1106). <i>Cancer Research and Treatment</i> , 2019, 51, 12-23.   | 1.3 | 5         |
| 17 | Differential Prognostic Impact of Strong PD-L1 Expression and 18F-FDG Uptake in Triple-negative Breast Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2018, 41, 1049-1057.   | 0.6 | 11        |
| 18 | Locoregional Treatment of the Primary Tumor in Patients With De Novo Stage IV Breast Cancer: A Radiation Oncologist's Perspective. <i>Clinical Breast Cancer</i> , 2018, 18, e167-e178.  | 1.1 | 30        |

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|----|---|-----|-----------|
| 19 | A Clinical Trial of Combination Neoadjuvant Chemotherapy and Transoral Robotic Surgery in Patients with T3 and T4 Laryngo-Hypopharyngeal Cancer. <i>Annals of Surgical Oncology</i> , 2018, 25, 864-871.  | 0.7 | 18        |
| 20 | Radiotherapy Versus Cordectomy in the Management of Early Glottic Cancer. <i>Cancer Research and Treatment</i> , 2018, 50, 156-163.   | 1.3 | 33        |
| 21 | Prognostic Significance of Sarcopenia With Inflammation in Patients With Head and Neck Cancer Who Underwent Definitive Chemoradiotherapy. <i>Frontiers in Oncology</i> , 2018, 8, 457.  | 1.3 | 81        |
| 22 | The Prognostic Significance of Neutrophil-to-Lymphocyte Ratio in Head and Neck Cancer Patients Treated with Radiotherapy. <i>Journal of Clinical Medicine</i> , 2018, 7, 512.   | 1.0 | 42        |
| 23 | Re-irradiation Using Intensity-modulated Radiotherapy for Recurrent and Second Primary Head and Neck Cancer. <i>Anticancer Research</i> , 2018, 38, 3165-3173.  | 0.5 | 9         |
| 24 | External validation of IBTR! 2.0 nomogram for prediction of ipsilateral breast tumor recurrence. <i>Radiation Oncology Journal</i> , 2018, 36, 139-146.   | 0.7 | 5         |
| 25 | Elective neck treatment in clinically node-negative paranasal sinus carcinomas: impact on treatment outcome. <i>Radiation Oncology Journal</i> , 2018, 36, 304-316.   | 0.7 | 7         |
| 26 | Ruthenium-106 Brachytherapy with or without Additional Local Therapy Shows Favorable Outcome for Variable-Sized Choroidal Melanomas in Korean Patients. <i>Cancer Research and Treatment</i> , 2018, 50, 138-147.   | 1.3 | 9         |
| 27 | Patterns of Care for Radiotherapy in the Neoadjuvant and Adjuvant Treatment of Gastric Cancer: A Twelve-Year Nationwide Cohort Study in Korea. <i>Cancer Research and Treatment</i> , 2018, 50, 118-128.  | 1.3 | 5         |
| 28 | Survival and Functional Outcome after Treatment for Primary Base of Tongue Cancer: A Comparison of Definitive Chemoradiotherapy versus Surgery Followed by Adjuvant Radiotherapy. <i>Cancer Research and Treatment</i> , 2018, 50, 1214-1225.                                     | 1.3 | 11        |
| 29 | Prognoses and Clinical Outcomes of Primary and Recurrent Uveal Melanoma. <i>Cancer Research and Treatment</i> , 2018, 50, 1238-1251.  | 1.3 | 10        |
| 30 | A New Clinical Trial of Neoadjuvant Chemotherapy Combined With Transoral Robotic Surgery and Customized Adjuvant Therapy for Patients With T3 or T4 Oropharyngeal Cancer. <i>Annals of Surgical Oncology</i> , 2017, 24, 3424-3429.   | 0.7 | 15        |
| 31 | Transoral robotic surgery-based therapy in patients with stage III-IV oropharyngeal squamous cell carcinoma. <i>Oral Oncology</i> , 2017, 75, 16-21.  | 0.8 | 21        |
| 32 | Three-dimensional analysis of patterns of locoregional recurrence after treatment in breast cancer patients: Validation of the ESTRO consensus guideline on target volume. <i>Radiotherapy and Oncology</i> , 2017, 122, 24-29.   | 0.3 | 53        |
| 33 | Chemoradiotherapy versus surgery followed by postoperative radiotherapy in tonsil cancer: Korean Radiation Oncology Group (KROG) study. <i>BMC Cancer</i> , 2017, 17, 598.  | 1.1 | 3         |
| 34 | Tumor Stage-Related Role of Radiotherapy in Patients with an External Auditory Canal and Middle Ear Carcinoma. <i>Cancer Research and Treatment</i> , 2017, 49, 178-184.  | 1.3 | 16        |
| 35 | Comparison of the Clinical Outcomes of Patients with Squamous Cell Carcinoma of the Tonsil Receiving Postoperative Ipsilateral Versus Bilateral Neck Radiotherapy: A Propensity Score Matching Analysis (KROG 11-07). <i>Cancer Research and Treatment</i> , 2017, 49, 1097-1105. | 1.3 | 20        |
| 36 | Evaluation of Radiation Dose for Dual Energy CBCT Using Multi-Grid Device. <i>Progress in Medical Physics</i> , 2016, 27, 31.   | 0.4 | 0         |

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|----|--|-----|-----------|
| 37 | Analysis of Beam Hardening of Modulation Layers for Dual Energy Cone-beam CT. Progress in Medical Physics, 2016, 27, 8.  | 0.4 | 0         |
| 38 | Postoperative irradiation after implant placement: A pilot study for prosthetic reconstruction. Journal of Advanced Prosthodontics, 2016, 8, 363.  | 1.1 | 5         |
| 39 | Analysis of Physical Properties for Various Compositions of Reusable LMG and LCV Micelle Gel. Progress in Medical Physics, 2016, 27, 175.  | 0.4 | 0         |
| 40 | Definitive Chemoradiotherapy Versus Surgery Followed by Adjuvant Radiotherapy in Resectable Stage III/IV Hypopharyngeal Cancer. Cancer Research and Treatment, 2016, 48, 45-53.  | 1.3 | 39        |
| 41 | Neoadjuvant chemotherapy followed by surgery has no therapeutic advantages over concurrent chemoradiotherapy in International Federation of Gynecology and Obstetrics stage IB-IIb cervical cancer. Journal of Gynecologic Oncology, 2016, 27, e52.    | 1.0 | 17        |
| 42 | Gold nanoparticles enhance anti-tumor effect of radiotherapy to hypoxic tumor. Radiation Oncology Journal, 2016, 34, 230-238.  | 0.7 | 34        |
| 43 | Efficacy of combined orbital radiation and systemic steroids in the management of Graves' orbitopathy. Graefes Archive for Clinical and Experimental Ophthalmology, 2016, 254, 991-998.  | 1.0 | 27        |
| 44 | IMRT vs. 2D-radiotherapy or 3D-conformal radiotherapy of nasopharyngeal carcinoma. Strahlentherapie Und Onkologie, 2016, 192, 377-385.   | 1.0 | 42        |
| 45 | Impact of p16 expression in oropharyngeal cancer in the postoperative setting: the necessity of re-evaluating traditional risk stratification. Japanese Journal of Clinical Oncology, 2016, 46, 911-918.   | 0.6 | 7         |
| 46 | Recursive partition analysis of peritoneal and systemic recurrence in patients with gastric cancer who underwent D2 gastrectomy: Implications for neoadjuvant therapy consideration. Journal of Surgical Oncology, 2016, 114, 859-864.                 | 0.8 | 13        |
| 47 | The Effect of Systemic Steroids and Orbital Radiation for Active Graves Orbitopathy on Postdecompression Extraocular Muscle Volume. American Journal of Ophthalmology, 2016, 171, 11-17.   | 1.7 | 7         |
| 48 | Treatment outcomes of intensity-modulated radiotherapy versus 3D conformal radiotherapy for patients with maxillary sinus cancer in the postoperative setting. Head and Neck, 2016, 38, E207-13.   | 0.9 | 16        |
| 49 | Prognostic value of FDG-PET volumetric parameters in patients with p16-positive oropharyngeal squamous cell carcinoma who received curative resection followed by postoperative radiotherapy or chemoradiotherapy. Head and Neck, 2016, 38, 1515-1524. | 0.9 | 11        |
| 50 | Radiological-pathological correlation study of hepatocellular carcinoma undergoing local chemoradiotherapy and surgery. Journal of Gastroenterology and Hepatology (Australia), 2016, 31, 1619-1627.   | 1.4 | 4         |
| 51 | Mechanical quality assurance using light field for linear accelerators with camera calibration. Physica Medica, 2016, 32, 398-402.   | 0.4 | 2         |
| 52 | An Empirical Approach to Dosimetric Effect of Carbon Fiber Couch for Flattening Filter Free Beam of Elekta LINAC. Progress in Medical Physics, 2016, 27, 220.  | 0.4 | 2         |
| 53 | Early hypopharyngeal cancer treated with different therapeutic approaches: a single-institution cohort analysis. Radiation Oncology Journal, 2016, 34, 280-289.  | 0.7 | 2         |
| 54 | Overexpression of SOX2 Is Associated with Better Overall Survival in Squamous Cell Lung Cancer Patients Treated with Adjuvant Radiotherapy. Cancer Research and Treatment, 2016, 48, 473-482.  | 1.3 | 10        |

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|----|---|-----|-----------|
| 55 | <sup>18</sup>F-FDG/PET May Help to Identify a Subgroup of Patients with T1-T2 Breast Cancer and 1-3 Positive Lymph Nodes Who Are at a High Risk of Recurrence after Mastectomy. Cancer Research and Treatment, 2016, 48, 508-517.   | 1.3 | 12        |
| 56 | The Role of Neoadjuvant Chemotherapy in the Treatment of Nasopharyngeal Carcinoma: A Multi-institutional Retrospective Study (KROG 11-06) Using Propensity Score Matching Analysis. Cancer Research and Treatment, 2016, 48, 917-927.                                       | 1.3 | 17        |
| 57 | The Clinical Usefulness of <sup>18</sup>F-Fluorodeoxyglucose Positron Emission Tomography (PET) to Predict Oncologic Outcomes and PET-Based Radiotherapeutic Considerations in Locally Advanced Nasopharyngeal Carcinoma. Cancer Research and Treatment, 2016, 48, 928-941. | 1.3 | 10        |
| 58 | SU-F-I-06: Evaluation of Imaging Dose for Modulation Layer Based Dual Energy Cone-Beam CT. Medical Physics, 2016, 43, 3387-3387.  | 1.6 | 0         |
| 59 | Do Recent Advances in Diagnostic and Therapeutic Procedures Negate the Benefit of Postmastectomy Radiotherapy in N1 Patients With a Low Risk of Locoregional Recurrence?. Medicine (United States), 2015, 94, e1259.  | 0.4 | 16        |
| 60 | In vivo Dosimetry for Mammography with and without Lead Apron Using the Glass Dosimeters. Progress in Medical Physics, 2015, 26, 93.  | 0.4 | 1         |
| 61 | Association Between Choroidal Thickness and Metabolic Activity on Positron Emission Tomography in Eyes With Choroidal Melanoma. American Journal of Ophthalmology, 2015, 160, 1111-1115.e2.   | 1.7 | 7         |
| 62 | Treatment outcomes of extended-field radiation therapy and the effect of concurrent chemotherapy on uterine cervical cancer with para-aortic lymph node metastasis. Radiation Oncology, 2015, 10, 18.   | 1.2 | 37        |
| 63 | Tailored radiotherapeutic strategies for disseminated uterine cervical cancer patients. Radiation Oncology, 2015, 10, 77.   | 1.2 | 20        |
| 64 | Incorporation of Radiotherapy in the Multidisciplinary Treatment of Isolated Retroperitoneal Lymph Node Recurrence from Colorectal Cancer. Annals of Surgical Oncology, 2015, 22, 1520-1526.  | 0.7 | 24        |
| 65 | Prognostic significance of nodal involvement region in clinical stage IIIc breast cancer patients who received primary systemic treatment, surgery, and radiotherapy. Breast, 2015, 24, 637-641.  | 0.9 | 12        |
| 66 | Does internal mammary node irradiation affect treatment outcome in clinical stage IIâ€“III breast cancer patients receiving neoadjuvant chemotherapy?. Breast Cancer Research and Treatment, 2015, 152, 589-599.  | 1.1 | 21        |
| 67 | A Randomized Phase 2 Study of Neoadjuvant Chemoradiation Therapy With 5-Fluorouracil/Leucovorin or Irinotecan/S-1 in Patients With Locally Advanced Rectal Cancer. International Journal of Radiation Oncology Biology Physics, 2015, 93, 1015-1022.                        | 0.4 | 24        |
| 68 | Optimal Extent of Prophylactic Irradiation of Paraaortic Lymph Nodes in Patients with Uterine Cervical Cancer. PLoS ONE, 2015, 10, e0145158.  | 1.1 | 7         |
| 69 | Neoadjuvant chemoradiotherapy followed by D2 gastrectomy in locally advanced gastric cancer. World Journal of Gastroenterology, 2015, 21, 2711.   | 1.4 | 23        |
| 70 | Multi-institutional analysis of T3 subtypes and adjuvant radiotherapy effects in resected T3N0 non-small cell lung cancer patients. Radiation Oncology Journal, 2015, 33, 75.   | 0.7 | 8         |
| 71 | Patterns of care for patients with nasopharyngeal carcinoma (KROG 11-06) in South Korea. Radiation Oncology Journal, 2015, 33, 188.   | 0.7 | 10        |
| 72 | Role of Chemotherapy in Stage II Nasopharyngeal Carcinoma Treated with Curative Radiotherapy. Cancer Research and Treatment, 2015, 47, 871-878.   | 1.3 | 19        |

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|----|--|-----|-----------|
| 73 | Preoperative Chemoradiotherapy Effects on Anastomotic Leakage After Rectal Cancer Resection. <i>Annals of Surgery</i> , 2014, 259, 516-521.  | 2.1 | 45        |
| 74 | Predicting the pathologic response of locally advanced rectal cancer to neoadjuvant concurrent chemoradiation using enzyme-linked immunosorbent assays (ELISAs) for biomarkers. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 399-409.                | 1.2 | 7         |
| 75 | A Competing Risk Analysis of Cancer-Specific Mortality of Initial Treatment with Radical Prostatectomy versus Radiation Therapy in Clinically Localized High-Risk Prostate Cancer. <i>Annals of Surgical Oncology</i> , 2014, 21, 4026-4033.                                 | 0.7 | 30        |
| 76 | The Role of Postmastectomy Radiation Therapy After Neoadjuvant Chemotherapy in Clinical Stage II-III Breast Cancer Patients With pN0: A Multicenter, Retrospective Study (KROG 12-05). <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 65-72. | 0.4 | 67        |
| 77 | Postoperative radiotherapy in salivary ductal carcinoma: a single institution experience. <i>Radiation Oncology Journal</i> , 2014, 32, 125.   | 0.7 | 17        |
| 78 | Clinical outcomes after sentinel lymph node biopsy in clinically node-negative breast cancer patients. <i>Radiation Oncology Journal</i> , 2014, 32, 132.  | 0.7 | 7         |
| 79 | Long-term Survival Outcomes Following Internal Mammary Node Irradiation in Stage II-III Breast Cancer: Results of a Large Retrospective Study With 12-Year Follow-up. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 867-872.                | 0.4 | 58        |
| 80 | A comparative planning study of step-and-shoot IMRT versus helical tomotherapy in a model patient. <i>Journal of the Korean Physical Society</i> , 2013, 63, 1481-1485.  | 0.3 | 0         |
| 81 | A randomized phase II study of neoadjuvant chemoradiotherapy with 5-FU/leucovorin or irinotecan/S1 in patients with locally advanced rectal cancer.. <i>Journal of Clinical Oncology</i> , 2013, 31, 511-511.  | 0.8 | 1         |
| 82 | Chemoradiotherapy in squamous cell carcinoma of the anal canal: a single institution experience. <i>Radiation Oncology Journal</i> , 2013, 31, 25.   | 0.7 | 9         |
| 83 | Bladder filling variations during concurrent chemotherapy and pelvic radiotherapy in rectal cancer patients: early experience of bladder volume assessment using ultrasound scanner. <i>Radiation Oncology Journal</i> , 2013, 31, 41.                                       | 0.7 | 23        |
| 84 | The location of locoregional recurrence in pathologic T3N0, non-irradiated lower rectal cancer. <i>Radiation Oncology Journal</i> , 2013, 31, 97.  | 0.7 | 7         |
| 85 | Patterns of care and treatment outcomes for primary thyroid lymphoma: a single institution study. <i>Radiation Oncology Journal</i> , 2013, 31, 177.   | 0.7 | 23        |
| 86 | The deep inspiration breath hold technique using Abches reduces cardiac dose in patients undergoing left-sided breast irradiation. <i>Radiation Oncology Journal</i> , 2013, 31, 239.  | 0.7 | 52        |
| 87 | IMRT with Simultaneous Integrated Boost and Concurrent Chemotherapy for Nasopharyngeal Cancer: Plan Evaluation and Treatment Outcome. <i>Japanese Journal of Clinical Oncology</i> , 2012, 42, 1152-1160.  | 0.6 | 8         |
| 88 | Is There a Clinical Benefit to Adaptive Planning During Tomotherapy in Patients with Head and Neck Cancer at Risk for Xerostomia?. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2012, 35, 261-266.   | 0.6 | 27        |
| 89 | Molecular Markers Predict Distant Metastases After Adjuvant Chemoradiation for Rectal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, e577-e584.  | 0.4 | 6         |
| 90 | Nutritional status of patients treated with radiotherapy as determined by subjective global assessment. <i>Radiation Oncology Journal</i> , 2012, 30, 132.   | 0.7 | 28        |

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|-----|--|-----|-----------|
| 91  | Radiation Pneumonitis in Breast Cancer Patients Who Received Radiotherapy Using the Partially Wide Tangent Technique after Breast Conserving Surgery. <i>Journal of Breast Cancer</i> , 2012, 15, 337.   | 0.8 | 20        |
| 92  | Treatment Outcome of Patients with Anaplastic Thyroid Cancer: A Single Center Experience. <i>Yonsei Medical Journal</i> , 2012, 53, 352.   | 0.9 | 60        |
| 93  | Reirradiation to the pelvis for recurrent rectal cancer. <i>Journal of Surgical Oncology</i> , 2012, 105, 637-642.   | 0.8 | 59        |
| 94  | Perfusion MRI for the prediction of treatment response after preoperative chemoradiotherapy in locally advanced rectal cancer. <i>European Radiology</i> , 2012, 22, 1693-1700.  | 2.3 | 83        |
| 95  | Thymidylate Synthase Gene Polymorphism Affects the Response to Preoperative 5-Fluorouracil Chemoradiation Therapy in Patients With Rectal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 669-676.  | 0.4 | 31        |
| 96  | Comparison of elective inguinal node irradiation techniques in anal cancer. <i>Radiation Oncology Journal</i> , 2011, 29, 236.   | 0.7 | 1         |
| 97  | Upfront systemic chemotherapy and preoperative short-course radiotherapy with delayed surgery for locally advanced rectal cancer with distant metastases. <i>Radiation Oncology</i> , 2011, 6, 99.   | 1.2 | 35        |
| 98  | <sup>18</sup> Fluoro-deoxy-glucose positron emission tomography in assessing tumor response to preoperative chemoradiation therapy for locally advanced rectal cancer. <i>Journal of Surgical Oncology</i> , 2011, 103, 17-24.   | 0.8 | 31        |
| 99  | Comparison of diffusion-weighted MRI and MR volumetry in the evaluation of early treatment outcomes after preoperative chemoradiotherapy for locally advanced rectal cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 570-576.   | 1.9 | 60        |
| 100 | Clinical Impact of Tumor Regression Grade after Preoperative Chemoradiation for Locally Advanced Rectal Cancer: Subset Analyses in Lymph Node Negative Patients. <i>Journal of the Korean Society of Coloproctology</i> , 2011, 27, 31.  | 0.9 | 15        |
| 101 | Tumor Volume Changes Assessed by Three-Dimensional Magnetic Resonance Volumetry in Rectal Cancer Patients After Preoperative Chemoradiation: The Impact of the Volume Reduction Ratio on the Prediction of Pathologic Complete Response. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 1018-1025. | 0.4 | 78        |
| 102 | Adjuvant radiotherapy following total mesorectal excision for stage IIA rectal cancer: is it beneficial?. <i>International Journal of Colorectal Disease</i> , 2010, 25, 1103-1110.  | 1.0 | 18        |
| 103 | Clinical outcomes for T1-2N0-1 oral tongue cancer patients underwent surgery with and without postoperative radiotherapy. <i>Radiation Oncology</i> , 2010, 5, 43.   | 1.2 | 94        |
| 104 | The role of adjuvant pelvic radiotherapy in rectal cancer with synchronous liver metastasis: a retrospective study. <i>Radiation Oncology</i> , 2010, 5, 75.   | 1.2 | 27        |
| 105 | Phase II study of preoperative chemoradiotherapy (CRT) with irinotecan plus S-1 in locally advanced rectal cancer. <i>Radiotherapy and Oncology</i> , 2010, 95, 303-307.   | 0.3 | 26        |
| 106 | The Efficacy of the Change in Belly Board Aperture Location by the Addition of Bladder Compression Device for Radiotherapy of Rectal Cancer. <i>The Journal of the Korean Society for Therapeutic Radiology and Oncology</i> , 2010, 28, 231.  | 0.1 | 2         |
| 107 | A Comparison of Treatment Plans using Linac-Based Intensity-Modulated Radiation Therapy and Helical Tomotherapy for Maxillary Sinus Carcinoma. <i>Technology in Cancer Research and Treatment</i> , 2009, 8, 257-263.  | 0.8 | 9         |
| 108 | Microarray of DNA-protein complexes on poly-3-hydroxybutyrate surface for pathogen detection. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 1639-1647.  | 1.9 | 13        |



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|-----|---|-----|-----------|
| 109 | Weekly docetaxel in patients with platinum-refractory metastatic or recurrent squamous cell carcinoma of the head and neck. <i>Cancer Chemotherapy and Pharmacology</i> , 2009, 65, 27-32.  | 1.1 | 25        |
| 110 | Early Clinical Experience and Outcome of Helical Tomotherapy for Multiple Metastatic Lesions. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 1517-1524.   | 0.4 | 33        |
| 111 | Risk Factors and Dose-Effect Relationship for Mandibular Osteoradionecrosis in Oral and Oropharyngeal Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 1084-1091.  | 0.4 | 181       |
| 112 | Oncologic Outcomes After Radical Surgery Following Preoperative Chemoradiotherapy for Locally Advanced Lower Rectal Cancer: Abdominoperineal Resection Versus Sphincter-Preserving Procedure. <i>Annals of Surgical Oncology</i> , 2009, 16, 1266-1273.   | 0.7 | 38        |
| 113 | High-throughput identification of clinically important bacterial pathogens using DNA microarray. <i>Molecular and Cellular Probes</i> , 2009, 23, 171-177.  | 0.9 | 20        |
| 114 | A Study of the Radiotherapy Techniques for the Breast Including Internal Mammary Lymph Nodes. <i>The Journal of the Korean Society for Therapeutic Radiology and Oncology</i> , 2009, 27, 35.   | 0.1 | 4         |
| 115 | Validation of Radiation Volume by Analysis of Recurrence Pattern in Breast-conserving Treatment for Early Breast Cancer. <i>Journal of Breast Cancer</i> , 2009, 12, 257.   | 0.8 | 2         |
| 116 | Superficial Dosimetry for Helical Tomotherapy. <i>The Journal of the Korean Society for Therapeutic Radiology and Oncology</i> , 2009, 27, 103.   | 0.1 | 1         |
| 117 | Treatment-planning CT scan for breast and chest-wall irradiation: how many unexpected abnormalities could we detect?. <i>Clinical Imaging</i> , 2008, 32, 443-446.  | 0.8 | 7         |
| 118 | Phase I trial of neoadjuvant concurrent chemoradiotherapy with S-1 and weekly irinotecan in locally advanced rectal cancer. <i>Radiotherapy and Oncology</i> , 2008, 87, 361-366.   | 0.3 | 8         |
| 119 | Helical Tomotherapy: Image-guided Intensity Modulated Radiation Therapy. <i>Journal of the Korean Medical Association</i> , 2008, 51, 619.  | 0.1 | 3         |
| 120 | Development of a DNA chip for the diagnosis of the most common corneal dystrophies caused by mutations in the <i>IGH3</i> gene. <i>British Journal of Ophthalmology</i> , 2007, 91, 722-727.  | 2.1 | 12        |
| 121 | A Simple DNA Chip for Diagnosis of Most Common Corneal Dystrophies Caused by <i>IGH3</i> Gene Mutations. , 2007, , .  |     | 1         |
| 122 | A comparative study of volumetric analysis, histopathologic downstaging, and tumor regression grade in evaluating tumor response in locally advanced rectal cancer following preoperative chemoradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 204-210. | 0.4 | 60        |
| 123 | Concurrent chemoradiotherapy followed by adjuvant chemotherapy in uterine cervical cancer patients with high-risk factors. <i>Gynecologic Oncology</i> , 2007, 104, 58-63.  | 0.6 | 28        |
| 124 | DNA microarray-based detection of nosocomial pathogenic <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> . <i>Molecular and Cellular Probes</i> , 2006, 20, 42-50.  | 0.9 | 23        |
| 125 | Predictive value of p53 and PCNA expression for occult neck metastases in patients with clinically node-negative oral tongue cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2006, 135, 858-864.  | 1.1 | 15        |
| 126 | The role of postoperative external-beam radiotherapy in the management of patients with papillary thyroid cancer invading the trachea. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 65, 474-480.  | 0.4 | 68        |



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|-----|--|-----|-----------|
| 127 | Production of recombinant proteins by high cell density culture of Escherichia coli. Chemical Engineering Science, 2006, 61, 876-885.  | 1.9 | 255       |
| 128 | Development of DNA microarray for pathogen detection. Biotechnology and Bioprocess Engineering, 2004, 9, 93-99.  | 1.4 | 28        |
| 129 | Clinical relevance of three subtypes of primary sinonasal lymphoma characterized by immunophenotypic analysis. Head and Neck, 2004, 26, 584-593.   | 0.9 | 61        |
| 130 | Constitutive production of human leptin by fed-batch culture of recombinant rpoS <sup>+</sup> Escherichia coli. Protein Expression and Purification, 2004, 36, 150-156.                            | 0.6 | 30        |
| 131 | Combined transcatheter arterial chemoembolization and local radiotherapy of unresectable hepatocellular carcinoma. International Journal of Radiation Oncology Biology Physics, 1999, 43, 393-397. | 0.4 | 153       |
| 132 | Adenoid cystic carcinoma of the maxillary antrum. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1999, 20, 77-84.  | 0.6 | 63        |