

# Young-Nam Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4094317/publications.pdf>

Version: 2024-02-01

22  
papers

58  
citations

1937685  
4  
h-index

1872680  
6  
g-index

23  
all docs

23  
docs citations

23  
times ranked

90  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Dosimetric comparison between modulated arc therapy and static intensity modulated radiotherapy in thoracic esophageal cancer: a single institutional experience. <i>Radiation Oncology Journal</i> , 2018, 36, 63-70.    | 1.5 | 10        |
| 2  | Evaluation of the EDGE detector in small-field dosimetry. <i>Journal of the Korean Physical Society</i> , 2013, 63, 128-134.  | 0.7 | 6         |
| 3  | Comparison of spinal Stereotactic Body Radiotherapy (SBRT) planning techniques: intensity-modulated radiation therapy, modulated arc therapy, and helical tomotherapy. <i>Medical Dosimetry</i> , 2017, 42, 210-215.      | 0.9 | 6         |
| 4  | Image similarity evaluation of the bulk-density-assigned synthetic CT derived from MRI of intracranial regions for radiation treatment. <i>PLoS ONE</i> , 2017, 12, e0185082.   | 2.5 | 6         |
| 5  | Medical X-band linear accelerator for high-precision radiotherapy. <i>Medical Physics</i> , 2021, 48, 5327-5342.  | 3.0 | 6         |
| 6  | Measurement of Beam Data for Small Radiosurgical Fields: Comparison of CyberKnife Multi-sites in Korea. <i>Progress in Nuclear Science and Technology</i> , 2011, 1, 537-540.   | 0.3 | 5         |
| 7  | A built-up-type deformable phantom for target motion control to mimic human lung respiration. <i>Review of Scientific Instruments</i> , 2020, 91, 054106.   | 1.3 | 4         |
| 8  | Development of a compact X-band linear accelerator system mounted on an O-arm rotating gantry for radiation therapy. <i>Review of Scientific Instruments</i> , 2021, 92, 024103.  | 1.3 | 4         |
| 9  | Locoregional Recurrence Prediction Using a Deep Neural Network of Radiological and Radiotherapy Images. <i>Journal of Personalized Medicine</i> , 2022, 12, 143.  | 2.5 | 3         |
| 10 | Evaluation of the clinical usefulness of modulated arc treatment. <i>Journal of the Korean Physical Society</i> , 2015, 67, 232-236.  | 0.7 | 2         |
| 11 | Development of an Algorithm for Predicting the Thermal Distribution by using CT Image and the Specific Absorption Rate. <i>Journal of the Korean Physical Society</i> , 2018, 73, 1584-1588.                              | 0.7 | 2         |
| 12 | Evaluation of the Elekta Symmetry <sup>®</sup> 4D IGRT system by using a moving lung phantom. <i>Journal of the Korean Physical Society</i> , 2015, 67, 260-263.  | 0.7 | 1         |
| 13 | Verification of lithium formate monohydrate in 3D-printed container for electron paramagnetic resonance dosimetry in radiotherapy. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2019, 42, 811-818. | 1.3 | 1         |
| 14 | Analysis of the Effect of Tomotherapy Plan Parameters on Patient-Specific Delivery Quality Assurance (DQA). <i>Journal of the Korean Physical Society</i> , 2019, 75, 1043-1047.  | 0.7 | 1         |
| 15 | Evaluation of Developed Thermal Distribution Prediction Algorithm Using Mass Density Distribution with CT Image. <i>Journal of the Korean Physical Society</i> , 2020, 76, 86-92.   | 0.7 | 1         |
| 16 | Tomotherapy planning and image registration for planning CT image slice thickness for stereotactic radiosurgery. <i>Journal of the Korean Physical Society</i> , 2012, 60, 137-141.                                       | 0.7 | 0         |
| 17 | Dosimetric comparison of helical tomotherapy and linac-based IMRT in whole abdomen radiotherapy. <i>Journal of the Korean Physical Society</i> , 2012, 61, 1131-1136.   | 0.7 | 0         |
| 18 | Dosimetric comparison of stereotactic body radiotherapy for spinal metastasis in cyberknife and helical tomotherapy. <i>Journal of the Korean Physical Society</i> , 2012, 61, 2049-2053.                                 | 0.7 | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | A real time cost effective geometry calibration method for isocenter tracking of a rotating gantry using optical vision sensors. <i>Microsystem Technologies</i> , 2017, 23, 5171-5183.      | 2.0 | 0         |
| 20 | Development of Tissue Equivalent Materials for a Multi-modality (CT&MRI) Phantom in MRI-guided Radiation Treatment. <i>Journal of the Korean Physical Society</i> , 2018, 73, 1012-1018.     | 0.7 | 0         |
| 21 | Analysis of plan parameters affecting the delivery quality assurance passing rate of the Tomo direct method in Radixact X9. <i>Journal of the Korean Physical Society</i> , 2021, 78, 73-80. | 0.7 | 0         |
| 22 | Prediction of Tumor Temperature in Regional Hyperthermia by Using LED Luminance. <i>Journal of the Korean Physical Society</i> , 2020, 77, 524-529.  | 0.7 | 0         |