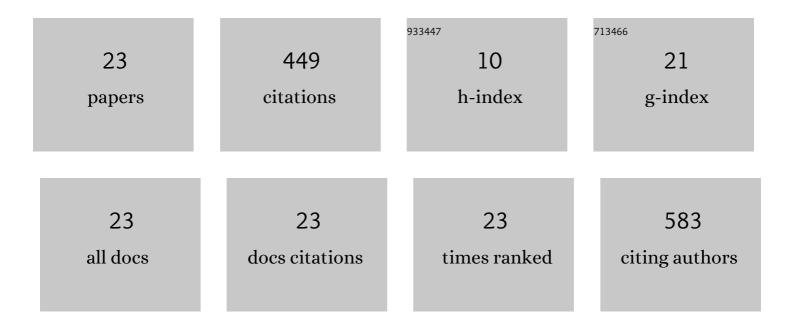
Yang-Kyun Park

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Proton dose calculation on scatterâ€corrected CBCT image: Feasibility study for adaptive proton therapy. Medical Physics, 2015, 42, 4449-4459.	3.0	107
2	C-Arm Cone-Beam CT–Guided Percutaneous Transthoracic Needle Biopsy of Small (â‰⊉0 mm) Lung Nodules: Diagnostic Accuracy and Complications in 161 Patients. American Journal of Roentgenology, 2012, 199, W322-W330.	2.2	94
3	Investigating deformable image registration and scatter correction for CBCTâ€based dose calculation in adaptive IMPT. Medical Physics, 2016, 43, 5635-5646.	3.0	92
4	Water equivalent path length calculations using scatter-corrected head and neck CBCT images to evaluate patients for adaptive proton therapy. Physics in Medicine and Biology, 2017, 62, 59-72.	3.0	22
5	Quasi-breath-hold technique using personalized audio-visual biofeedback for respiratory motion management in radiotherapy. Medical Physics, 2011, 38, 3114-3124.	3.0	19
6	A new plan quality index for dose painting radiotherapy. Journal of Applied Clinical Medical Physics, 2014, 15, 316-325.	1.9	16
7	A multiâ€institutional study for tolerance and action levels of IMRT dose quality assurance measurements in Korea. Journal of Applied Clinical Medical Physics, 2013, 14, 24-37.	1.9	11
8	Dosimetric effect of CT contrast agent in CyberKnife treatment plans. Radiation Oncology, 2013, 8, 244.	2.7	10
9	Motion management within two respiratory-gating windows: feasibility study of dual quasi-breath-hold technique in gated medical procedures. Physics in Medicine and Biology, 2014, 59, 6583-6594.	3.0	10
10	Beam angle optimization using angular dependency of range variation assessed via water equivalent path length (WEPL) calculation for head and neck proton therapy. Physica Medica, 2020, 69, 19-27.	0.7	10
11	Development of realâ€ŧime motion verification system using inâ€room optical images for respiratoryâ€gated radiotherapy. Journal of Applied Clinical Medical Physics, 2013, 14, 25-42.	1.9	9
12	Evaluation of an a priori scatter correction algorithm for cone-beam computed tomography based range and dose calculations in proton therapy. Physics and Imaging in Radiation Oncology, 2020, 16, 89-94.	2.9	9
13	Development of an optical-based image guidance system: Technique detecting external markers behind a full facemask. Medical Physics, 2011, 38, 3006-3012.	3.0	8
14	Potential use of Pâ€32 ophthalmic applicator: Monte Carlo simulations for design and dosimetry. Medical Physics, 2008, 35, 1854-1858.	3.0	8
15	Investigation of cone-beam CT image quality trade-off for image-guided radiation therapy. Physics in Medicine and Biology, 2016, 61, 3317-3346.	3.0	6
16	Multileaf collimator tongue-and-groove effect on depth and off-axis doses: A comparison of treatment planning data with measurements and Monte Carlo calculations. Medical Dosimetry, 2015, 40, 271-278.	0.9	4
17	External Auditing on Absorbed Dose Using a Solid Water Phantom for Domestic Radiotherapy Facilities. The Journal of the Korean Society for Therapeutic Radiology and Oncology, 2010, 28, 50.	0.1	4
18	Gain Correction for an X-ray Imaging System With a Movable Flat Panel Detector and Intrinsic Localization Crosshair. Technology in Cancer Research and Treatment, 2016, 15, 387-395.	1.9	3

#	Article	IF	CITATIONS
19	Kilovoltage projection streaming-based tracking application (KiPSTA): First clinical implementation during spine stereotactic radiation surgery. Advances in Radiation Oncology, 2018, 3, 682-692.	1.2	3
20	Convolutional neural network based proton stopping-power-ratio estimation with dual-energy CT: a feasibility study. Physics in Medicine and Biology, 2020, 65, 215016.	3.0	3
21	SUâ€Eâ€Tâ€219: Comprehensive Validation of the Electron Monte Carlo Dose Calculation Algorithm in RayStation Treatment Planning System for An Elekta Linear Accelerator with AgilityTM Treatment Head. Medical Physics, 2015, 42, 3382-3382.	3.0	1
22	Preliminary investigation of CBCT imaging optimization for Image-guided radiation therapy. , 2014, , .		0
23	SUâ€Dâ€207â€05: Realâ€Time Intrafractional Motion Tracking During VMAT Delivery Using a Conventional Elekta CBCT System. Medical Physics, 2015, 42, 3219-3219.	3.0	0