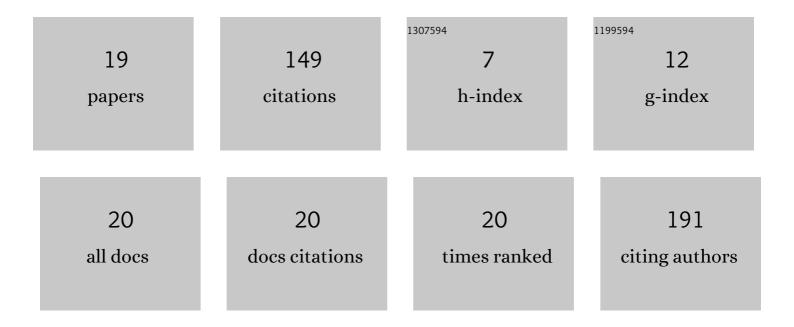
Seongmoon Jung

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Europium-Diethylenetriaminepentaacetic Acid Loaded Radioluminescence Liposome Nanoplatform for Effective Radioisotope-Mediated Photodynamic Therapy. ACS Nano, 2020, 14, 13004-13015. | 14.6 | 41 |
| 2 | Evaluation of the microscopic dose enhancement for nanoparticle-enhanced Auger therapy. Physics in Medicine and Biology, 2016, 61, 7522-7535. | 3.0 | 22 |
| 3 | Dynamic <i>In Vivo</i> X-ray Fluorescence Imaging of Gold in Living Mice Exposed to Gold Nanoparticles. IEEE Transactions on Medical Imaging, 2020, 39, 526-533. | 8.9 | 20 |
| 4 | Pinhole X-ray fluorescence imaging of gadolinium and gold nanoparticles using polychromatic X-rays: a Monte Carlo study. International Journal of Nanomedicine, 2017, Volume 12, 5805-5817. | 6.7 | 15 |
| 5 | MCNP6.1 simulations for low-energy atomic relaxation: Code-to-code comparison with GATEv7.2, PENELOPE2014, and EGSnrc. Nuclear Instruments & Methods in Physics Research B, 2018, 415, 117-126. | 1.4 | 10 |
| 6 | Low-energy electron dose-point kernels and radial dose distributions around gold nanoparticles: Comparison between MCNP6.1, PENELOPE2014 and Geant4-DNA. Nuclear Instruments & Methods in Physics Research B, 2018, 430, 18-22. | 1.4 | 8 |
| 7 | Measuring radioenhancement by gold nanofilms: Comparison with analytical calculations. Physica Medica, 2019, 68, 1-9. | 0.7 | 7 |
| 8 | 3D star shot analysis using MAGAT gel dosimeter for integrated imaging and radiation isocenter verification of MR‣inac system. Journal of Applied Clinical Medical Physics, 2022, 23, e13615. | 1.9 | 7 |
| 9 | Compton Background Elimination for in Vivo X-Ray Fluorescence Imaging of Gold Nanoparticles Using Convolutional Neural Network. IEEE Transactions on Nuclear Science, 2020, 67, 2311-2320. | 2.0 | 6 |
| 10 | Deriving the Effective Atomic Number with a Dual-Energy Image Set Acquired by the Big Bore CT Simulator. Journal of Radiation Protection and Research, 2020, 45, 171-177. | 0.6 | 4 |
| 11 | Dose calculation of 3D printing lead shield covered by biocompatible silicone for electron beam therapy. Physical and Engineering Sciences in Medicine, 2021, , 1. | 2.4 | 2 |
| 12 | Low Magnetic Field MRI Visibility of Rubber-Based Markers. Progress in Medical Physics, 2019, 30, 89. | 0.3 | 1 |
| 13 | Gold coated contact lens-type ocular in vivo dosimeter (CLOD) for monitoring of low dose in computed tomography: A Monte Carlo study. Physica Medica, 2021, 92, 1-7. | 0.7 | 1 |
| 14 | Monte Carlo modeling of gold nanoparticles detection limits of benchtop threeâ€dimensional L―and Kâ€shell Xâ€ray fluorescence mapping systems. X-Ray Spectrometry, 0, , . | 1.4 | 1 |
| 15 | Comparison of treatment plans between static jaw and jaw tracking techniques in postmastectomy intensity-modulated radiation therapy. Physical and Engineering Sciences in Medicine, 2022, , 1. | 2.4 | 0 |
| 16 | Assessing Commercial CLEANBOLUS Based on Silicone for Clinical Use. Progress in Medical Physics, 2021, 32, 159-164. | 0.3 | 0 |
| 17 | Effect of Total Collimation Width on Relative Electron Density, Effective Atomic Number, and Stopping Power Ratio Acquired by Dual-Layer Dual-Energy Computed Tomography. Progress in Medical Physics, 2021, 32, 165-171. | 0.3 | 0 |
| 18 | Dosimetric Characteristics of Flexible Radiochromic Film Based on LiPCDA. Progress in Medical Physics, 2021, 32, 179-184. | 0.3 | 0 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Scanning methodology for contact lens-type ocular in vivo dosimeter (CLOD) dosimetry applying a silicone material. Radiation Oncology, 2022, 17, 88. | 2.7 | 0 |