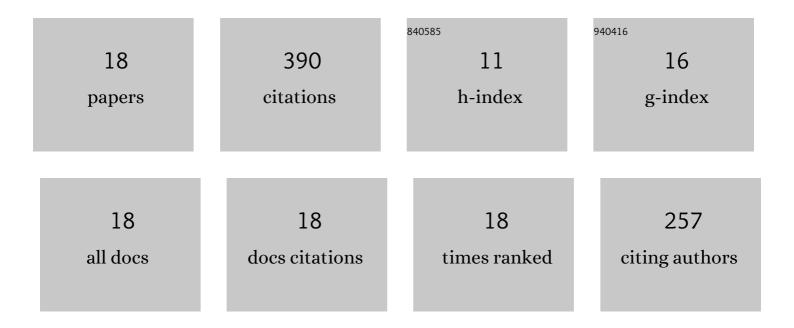
## Jacqueline M Andreozzi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4655274/publications.pdf Version: 2024-02-01



| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Visual Isocenter Position Enhanced Review (VIPER): a Cherenkov imagingâ€based solution for MRâ€linac<br>daily QA. Medical Physics, 2021, 48, 2750-2759.  | 1.6 | 6         |
| 2  | Optical emissionâ€based phantom to verify coincidence of radiotherapy and imaging isocenters on an<br>MRâ€linac. Journal of Applied Clinical Medical Physics, 2021, 22, 252-261.   | 0.8 | 2         |
| 3  | Optical imaging method to quantify spatial dose variation due to the electron return effect in an MRâ€linac. Medical Physics, 2020, 47, 1258-1267.   | 1.6 | 6         |
| 4  | Cherenkovâ€excited luminescence scanned imaging using scanned beam differencing and iterative<br>deconvolution in dynamic plan radiation delivery in a human breast phantom geometry. Medical<br>Physics, 2019, 46, 3067-3077. | 1.6 | 12        |
| 5  | Rapid Multisite Remote Surface Dosimetry for Total Skin Electron Therapy: Scintillator Target Imaging.<br>International Journal of Radiation Oncology Biology Physics, 2019, 103, 767-774.                                     | 0.4 | 17        |
| 6  | Time-gated scintillator imaging for real-time optical surface dosimetry in total skin electron therapy.<br>Physics in Medicine and Biology, 2018, 63, 095009.  | 1.6 | 17        |
| 7  | Improving treatment geometries in total skin electron therapy: Experimental investigation of linac<br>angles and floor scatter dose contributions using Cherenkov imaging. Medical Physics, 2018, 45,<br>2639-2646.            | 1.6 | 11        |
| 8  | Remote Cherenkov imagingâ€based quality assurance of a magnetic resonance imageâ€guided radiotherapy<br>system. Medical Physics, 2018, 45, 2647-2659.  | 1.6 | 20        |
| 9  | Algorithm development for intrafraction radiotherapy beam edge verification from Cherenkov<br>imaging. Journal of Medical Imaging, 2018, 5, 1.   | 0.8 | 9         |
| 10 | Cherenkov imaging for Total Skin Electron Therapy (TSET). , 2018, , .  |     | 5         |
| 11 | Single photon detection imaging of Cherenkov light emitted during radiation therapy. , 2018, , .   |     | 0         |
| 12 | Beam and tissue factors affecting Cherenkov image intensity for quantitative entrance and exit dosimetry on human tissue. Journal of Biophotonics, 2017, 10, 645-656.  | 1.1 | 29        |
| 13 | Cherenkov imaging method for rapid optimization of clinical treatment geometry in total skin electron beam therapy. Medical Physics, 2016, 43, 993-1002.   | 1.6 | 42        |
| 14 | Camera selection for realâ€ŧime <i>in vivo</i> radiation treatment verification systems using Cherenkov<br>imaging. Medical Physics, 2015, 42, 994-1004.   | 1.6 | 36        |
| 15 | Cherenkoscopy based patient positioning validation and movement tracking during post-lumpectomy whole breast radiation therapy. Physics in Medicine and Biology, 2015, 60, L1-L14.   | 1.6 | 45        |
| 16 | Optical cone beam tomography of Cherenkovâ€mediated signals for fast 3D dosimetry of xâ€ray photon<br>beams in water. Medical Physics, 2015, 42, 4127-4136.  | 1.6 | 24        |
| 17 | Cherenkov radiation fluence estimates in tissue for molecular imaging and therapy applications.<br>Physics in Medicine and Biology, 2015, 60, 6701-6718.   | 1.6 | 70        |
| 18 | Video-rate optical dosimetry and dynamic visualization of IMRT and VMAT treatment plans in water using Cherenkov radiation. Medical Physics, 2014, 41, 062102.   | 1.6 | 39        |