

# Ian M Hanson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9567731/publications.pdf>

Version: 2024-02-01

8  
papers

155  
citations

1478505  
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1588992  
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all docs

8  
docs citations

8  
times ranked

109  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Machine QA for the Elekta Unity system: A Report from the Elekta MRâ€linac consortium. Medical Physics, 2021, 48, e67-e85.  | 3.0 | 52        |
| 2 | Portal dosimetry for VMAT using integrated images obtained during treatment. Medical Physics, 2014, 41, 021725.   | 3.0 | 36        |
| 3 | Comparison of forward- and back-projection <i>in vivo</i> EPID dosimetry for VMAT treatment of the prostate. Physics in Medicine and Biology, 2018, 63, 025008.   | 3.0 | 33        |
| 4 | Clinical implementation and rapid commissioning of an EPID based <i>in-vivo</i> dosimetry system. Physics in Medicine and Biology, 2014, 59, N171-N179.   | 3.0 | 13        |
| 5 | An experimental study of two grave excavation methods: Arbitrary Level Excavation and Stratigraphic Excavation. Science and Technology of Archaeological Research, 2016, 2, 177-191.                    | 2.4 | 7         |
| 6 | A method to verify sections of arc during intrafraction portal dosimetry for prostate VMAT. Physics in Medicine and Biology, 2019, 64, 205009.  | 3.0 | 6         |
| 7 | A recurrent neural network for rapid detection of delivery errors during real-time portal dosimetry. Physics and Imaging in Radiation Oncology, 2022, 22, 36-43.  | 2.9 | 6         |
| 8 | Optimisation of a composite difference metric for prompt error detection in real-time portal dosimetry of simulated volumetric modulated arc therapy. British Journal of Radiology, 2021, 94, 20201014. | 2.2 | 2         |