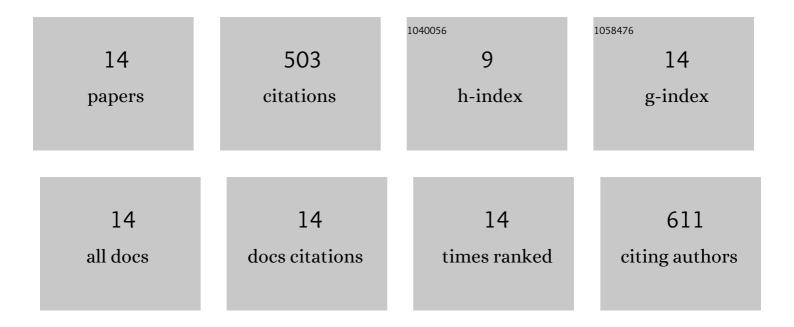
## Markus Stock

List of Publications by Year in descending order

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MARKUS STOCK

#	Article	IF	CITATIONS
1	Interpretation and evaluation of the γ index and the γ index angle for the verification of IMRT hybrid plans. Physics in Medicine and Biology, 2005, 50, 399-411.	3.0	99
2	Radiochromic film dosimetry: Considerations on precision and accuracy for EBT2 and EBT3 type films. Zeitschrift Fur Medizinische Physik, 2014, 24, 153-163.	1.5	76
3	Image quality and stability of image-guided radiotherapy (IGRT) devices: A comparative study. Radiotherapy and Oncology, 2009, 93, 1-7.	0.6	70
4	Development and application of a real-time monitoring and feedback system for deep inspiration breath hold based on external marker tracking. Medical Physics, 2006, 33, 2868-2877.	3.0	62
5	The technological basis for adaptive ion beam therapy at MedAustron: Status and outlook. Zeitschrift Fur Medizinische Physik, 2018, 28, 196-210.	1.5	51
6	IGRT induced dose burden for a variety of imaging protocols at two different anatomical sites. Radiotherapy and Oncology, 2012, 102, 355-363.	0.6	46
7	Investigations on Parotid Gland Recovery after IMRT in Head and Neck Tumor Patients. Strahlentherapie Und Onkologie, 2010, 186, 665-671.	2.0	26
8	Physics Contributions Original article A detailed dosimetric comparison between manual and inverse plans in HDR intracavitary/interstitial cervical cancer brachytherapy. Journal of Contemporary Brachytherapy, 2010, 4, 163-170.	0.9	24
9	Clinical implementation and commissioning of the MedAustron Particle Therapy Accelerator for nonâ€isocentric scanned proton beam treatments. Medical Physics, 2020, 47, 380-392.	3.0	20
10	An MRI sequence independent convolutional neural network for synthetic head CT generation in proton therapy. Zeitschrift Fur Medizinische Physik, 2022, 32, 218-227.	1.5	9
11	Results of an independent dosimetry audit for scanned proton beam therapy facilities. Zeitschrift Fur Medizinische Physik, 2021, 31, 145-153.	1.5	6
12	The Influence of Motion on the Delivery Accuracy When Comparing Actively Scanned Carbon Ions versus Protons at a Synchrotron-Based Radiotherapy Facility. Cancers, 2022, 14, 1788.	3.7	6
13	Evaluation of the inter- and intrafraction displacement for head patients treated at the particle therapy centre MedAustron based on the comparison of different commercial immobilisation devices. Zeitschrift Fur Medizinische Physik, 2021, , .	1.5	5
14	Possibilities and challenges when using synthetic computed tomography in an adaptive carbon-ion treatment workflow. Zeitschrift Fur Medizinische Physik, 2023, 33, 146-154.	1.5	3