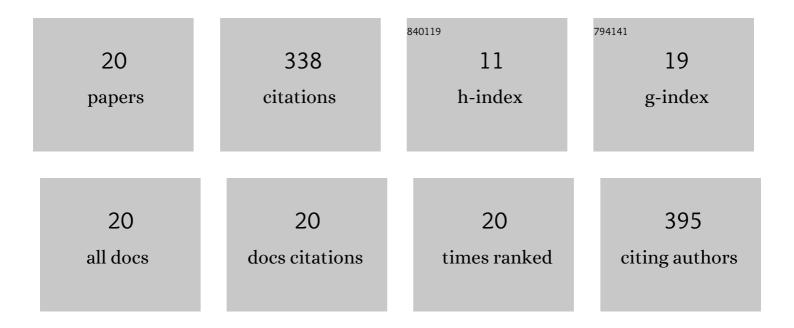
## Joerg Rottmann

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10438275/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Characterizing a novel scintillating glass for application to megavoltage coneâ€beam computed tomography. Medical Physics, 2019, 46, 1323-1330.	1.6	9
2	Leveraging multi-layer imager detector design to improve low-dose performance for megavoltage cone-beam computed tomography. Physics in Medicine and Biology, 2018, 63, 035022.	1.6	8
3	A Monte Carlo study of the impact of phosphor optical properties on EPID imaging performance. Physics in Medicine and Biology, 2018, 63, 165013.	1.6	13
4	Physics considerations in MV-CBCT multi-layer imager design. Physics in Medicine and Biology, 2018, 63, 125016.	1.6	10
5	Super-resolution imaging in a multiple layer EPID. Biomedical Physics and Engineering Express, 2017, 3, 025004.	0.6	6
6	A novel multilayer <scp>MV</scp> imager computational model for component optimization. Medical Physics, 2017, 44, 4213-4222.	1.6	22
7	Spectral imaging using clinical megavoltage beams and a novel multi-layer imager. Physics in Medicine and Biology, 2017, 62, 9127-9139.	1.6	10
8	A novel method for quantification of beam'sâ€eyeâ€view tumor tracking performance. Medical Physics, 2017, 44, 5650-5659.	1.6	10
9	Technical Note: Combination of multiple <scp>EPID</scp> imager layers improves image quality and tracking performance of low contrastâ€toâ€noise objects. Medical Physics, 2017, 44, 4847-4853.	1.6	8
10	Real-time tumor tracking. Imaging in Medical Diagnosis and Therapy, 2017, , 163-181.	0.0	0
11	A novel EPID design for enhanced contrast and detective quantum efficiency. Physics in Medicine and Biology, 2016, 61, 6297-6306.	1.6	38
12	Beam'sâ€eyeâ€view imaging during nonâ€coplanar lung SBRT. Medical Physics, 2015, 42, 6776-6783.	1.6	9
13	AGuIX nanoparticles as a promising platform for image-guided radiation therapy. Cancer Nanotechnology, 2015, 6, 4.	1.9	63
14	<i>Cine</i> EPID evaluation of two nonâ€commercial techniques for DIBH. Medical Physics, 2014, 41, 021730.	1.6	18
15	The impact of cine EPID image acquisition frame rate on markerless soft-tissue tracking. Medical Physics, 2014, 41, 061702.	1.6	12
16	An initial study on the estimation of timeâ€varying volumetric treatment images and 3D tumor localization from single MV cine EPID images. Medical Physics, 2014, 41, 081713.	1.6	23
17	Using an external surrogate for predictor model training in realâ€ŧime motion management of lung tumors. Medical Physics, 2014, 41, 121706.	1.6	15
18	Registration of clinical volumes to beamsâ€eyeâ€view images for realâ€time tracking. Medical Physics, 2014, 41, 121703.	1.6	22

#	Article	IF	CITATIONS
19	Realâ€ŧime soft tissue motion estimation for lung tumors during radiotherapy delivery. Medical Physics, 2013, 40, 091713.	1.6	29
20	3-D fiducial motion tracking using limited MV projections in arc therapy. Medical Physics, 2011, 38, 3222-3231.	1.6	13