

# Carsten Bellon

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

104  
citations

1684188

5  
h-index

1372567

10  
g-index

17  
all docs

17  
docs citations

17  
times ranked

97  
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray modeling for industrial applications. NDT and E International, 2000, 33, 481-488.	3.7	40
2	Radiographic modelling for NDE of subsea pipelines. NDT and E International, 2017, 86, 113-122.	3.7	17
3	Virtuelle Messgeräte: Definition und Stand der Entwicklung (Virtual Measuring Instruments:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 0.7	0.7	8
4	Corrosion monitoring with tangential radiography and limited view computed tomography. AIP Conference Proceedings, 2016, , .	0.4	8
5	Computed Tomography with X-rays and Fast Neutrons for Restoration of Wooden Artwork. Physics Procedia, 2015, 69, 472-477.	1.2	6
6	Modelling based radiography for NDE of subsea pipelines. AIP Conference Proceedings, 2016, , .	0.4	4
7	A general spectrum model for X-ray generators. NDT and E International, 2016, 79, 92-97.	3.7	4
8	Computer Simulation of X-Ray NDE Process Coupled with CAD Interface. , 1997, , 325-330.		4
9	Methodologies for model parameterization of virtual CTs for measurement uncertainty estimation. Measurement Science and Technology, 2022, 33, 104002.	2.6	3
10	Numerical simulation of X-ray scattering processes during radiographic inspection of materials. Russian Journal of Nondestructive Testing, 2006, 42, 382-391.	0.9	2
11	X-ray tomographic in-service inspection of girth welds - The European project TomoWELD. , 2015, , .		2
12	Special Features in Radiography Accessed by 3D Monte Carlo Model. AIP Conference Proceedings, 2003, , .	0.4	1
13	A novel multi slit X-ray backscatter camera based on synthetic aperture focusing. AIP Conference Proceedings, 2017, , .	0.4	1
14	Detection of vertical movement of fluids behind the casing of groundwater observation wells. International Journal of Hydrology Science and Technology, 2016, 6, 301.	0.3	0
15	Reliability evaluation of NDT techniques for Cu-welds for risk assessment of nuclear waste encapsulation. Materialpruefung/Materials Testing, 2006, 48, 111-117.	2.2	0
16	FehlergrÄŕÄŕenabhÄŕngige Kontrastreduktion und zusÄŕtzliche UnschÄŕrfe durch Streustrahlung â€” Film und digitale Detektoren im Vergleich. Materialpruefung/Materials Testing, 2008, 50, 560-568.	2.2	0