

# Wolf-Dieter Zech

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4084545/publications.pdf>

Version: 2024-02-01

28  
papers

538  
citations

759233

12  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

824  
citing authors

#	ARTICLE	IF	CITATIONS
1	3Tesla post-mortem MRI quantification of anatomical brain structures. Forensic Science International, 2021, 327, 110984.	2.2	3
2	Characteristics of Prehospital Death in Trauma Victims. Journal of Clinical Medicine, 2021, 10, .	2.4	0
3	Characteristics of Prehospital Death in Trauma Victims. Journal of Clinical Medicine, 2021, 10, 4765.	2.4	2
4	Hounsfield unit values of liver pathologies in unenhanced post-mortem computed tomography. International Journal of Legal Medicine, 2019, 133, 1861-1867.	2.2	9
5	Individual synthetic head models in wound ballistics – A feasibility study based on real cases. Forensic Science International, 2019, 294, 150-159.	2.2	10
6	Layering of stomach contents in drowning cases in post-mortem computed tomography compared to forensic autopsy. International Journal of Legal Medicine, 2019, 133, 181-188.	2.2	6
7	Temperature-corrected postmortem 3-T MR quantification of histopathological early acute and chronic myocardial infarction: a feasibility study. International Journal of Legal Medicine, 2018, 132, 541-549.	2.2	10
8	Post-mortem CT: Hounsfield unit profiles obtained in the lungs with respect to the cause of death assessment. International Journal of Legal Medicine, 2017, 131, 199-210.	2.2	7
9	Myelin Detection Using Rapid Quantitative MR Imaging Correlated to Macroscopically Registered Luxol Fast Blue–Stained Brain Specimens. American Journal of Neuroradiology, 2017, 38, 1096-1102.	2.4	46
10	Detection and differentiation of early acute and following age stages of myocardial infarction with quantitative post-mortem cardiac 1.5 T MR. Forensic Science International, 2017, 270, 248-254.	2.2	25
11	Body height estimation from post-mortem CT femoral F1 measurements in a contemporary Swiss population. Legal Medicine, 2016, 19, 61-66.	1.3	15
12	Post-mortem 1.5T MR quantification of regular anatomical brain structures. International Journal of Legal Medicine, 2016, 130, 1071-1080.	2.2	11
13	Postmortem CT versus forensic autopsy: frequent discrepancies of tracheobronchial content findings. International Journal of Legal Medicine, 2016, 130, 191-198.	2.2	9
14	Postmortem MR quantification of the heart for characterization and differentiation of ischaemic myocardial lesions. European Radiology, 2015, 25, 2067-2073.	4.5	29
15	Temperature dependence of postmortem MR quantification for soft tissue discrimination. European Radiology, 2015, 25, 2381-2389.	4.5	33
16	Postmortem quantitative 1.5-T MRI for the differentiation and characterization of serous fluids, blood, CSF, and putrefied CSF. International Journal of Legal Medicine, 2015, 129, 1127-1136.	2.2	8
17	Rigor mortis at the myocardium investigated by post-mortem magnetic resonance imaging. Forensic Science International, 2015, 257, 93-97.	2.2	12
18	Cardiovascular magnetization transfer ratio imaging compared with histology: A postmortem study. Journal of Magnetic Resonance Imaging, 2014, 40, spcone-spcone.	3.4	0

#	ARTICLE	IF	CITATIONS
19	Cardiovascular magnetization transfer ratio imaging compared with histology: A postmortem study. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 915-919.	3.4	6
20	Characterization and differentiation of body fluids, putrefaction fluid, and blood using Hounsfield unit in postmortem CT. <i>International Journal of Legal Medicine</i> , 2014, 128, 795-802.	2.2	40
21	Gas at postmortem computed tomography "An evaluation of 73 non-putrefied trauma and non-trauma cases. <i>Forensic Science International</i> , 2012, 222, 162-169.	2.2	36
22	How reliable are Hounsfield-unit measurements in forensic radiology?. <i>Forensic Science International</i> , 2012, 220, 219-223.	2.2	34
23	Sex determination from os sacrum by postmortem CT. <i>Forensic Science International</i> , 2012, 221, 39-43.	2.2	52
24	Applicability of DNA Analysis on Adhesive Tape in Forensic Casework. <i>Journal of Forensic Sciences</i> , 2012, 57, 1036-1041.	1.6	12
25	Pistol thrown to the ground by shooter after fatal self inflicted gunshot wound to the chest. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2011, 18, 88-90.	1.0	5
26	Recurrent systemic infections with <i>Streptococcus pneumoniae</i> do not aggravate the course of experimental neurodegenerative diseases. <i>Journal of Neuroscience Research</i> , 2010, 88, 1124-1136.	2.9	12
27	Impairment of mitochondrial calcium handling in a mtSOD1 cell culture model of motoneuron disease. <i>BMC Neuroscience</i> , 2009, 10, 64.	1.9	92
28	Expression of a Cu,Zn superoxide dismutase typical for familial amyotrophic lateral sclerosis increases the vulnerability of neuroblastoma cells to infectious injury. <i>BMC Infectious Diseases</i> , 2007, 7, 131.	2.9	14