

Wolf-Dieter Zech

List of Publications by Year in descending order

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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	Impairment of mitochondrial calcium handling in a mtSOD1 cell culture model of motoneuron disease. <i>BMC Neuroscience</i> , 2009, 10, 64.	1.9	92
2	Sex determination from os sacrum by postmortem CT. <i>Forensic Science International</i> , 2012, 221, 39-43.	2.2	52
3	Myelin Detection Using Rapid Quantitative MR Imaging Correlated to Macroscopically Registered Luxol Fast Blue Stained Brain Specimens. <i>American Journal of Neuroradiology</i> , 2017, 38, 1096-1102.	2.4	46
4	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
5	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
6	How reliable are Hounsfield-unit measurements in forensic radiology?. <i>Forensic Science International</i> , 2012, 220, 219-223.	2.2	34
7	Temperature dependence of postmortem MR quantification for soft tissue discrimination. <i>European Radiology</i> , 2015, 25, 2381-2389.	4.5	33
8	Postmortem MR quantification of the heart for characterization and differentiation of ischaemic myocardial lesions. <i>European Radiology</i> , 2015, 25, 2067-2073.	4.5	29
9	Detection and differentiation of early acute and following age stages of myocardial infarction with quantitative post-mortem cardiac 1.5 T MR. <i>Forensic Science International</i> , 2017, 270, 248-254.	2.2	25
10	Body height estimation from post-mortem CT femoral F1 measurements in a contemporary Swiss population. <i>Legal Medicine</i> , 2016, 19, 61-66.	1.3	15
11	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
12	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
13	Applicability of DNA Analysis on Adhesive Tape in Forensic Casework. <i>Journal of Forensic Sciences</i> , 2012, 57, 1036-1041.	1.6	12
14	Rigor mortis at the myocardium investigated by post-mortem magnetic resonance imaging. <i>Forensic Science International</i> , 2015, 257, 93-97.	2.2	12
15	Post-mortem 1.5T MR quantification of regular anatomical brain structures. <i>International Journal of Legal Medicine</i> , 2016, 130, 1071-1080.	2.2	11
16	Temperature-corrected postmortem 3-T MR quantification of histopathological early acute and chronic myocardial infarction: a feasibility study. <i>International Journal of Legal Medicine</i> , 2018, 132, 541-549.	2.2	10
17	Individual synthetic head models in wound ballistics – A feasibility study based on real cases. <i>Forensic Science International</i> , 2019, 294, 150-159.	2.2	10
18	Postmortem CT versus forensic autopsy: frequent discrepancies of tracheobronchial content findings. <i>International Journal of Legal Medicine</i> , 2016, 130, 191-198.	2.2	9

#	ARTICLE	IF	CITATIONS
19	Hounsfield unit values of liver pathologies in unenhanced post-mortem computed tomography. International Journal of Legal Medicine, 2019, 133, 1861-1867.	2.2	9
20	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
21	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
22	Cardiovascular magnetization transfer ratio imaging compared with histology: A postmortem study. Journal of Magnetic Resonance Imaging, 2014, 40, 915-919.	3.4	6
23	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
24	Pistol thrown to the ground by shooter after fatal self inflicted gunshot wound to the chest. Journal of Clinical Forensic and Legal Medicine, 2011, 18, 88-90.	1.0	5
25	3Tesla post-mortem MRI quantification of anatomical brain structures. Forensic Science International, 2021, 327, 110984.	2.2	3
26	Characteristics of Prehospital Death in Trauma Victims. Journal of Clinical Medicine, 2021, 10, 4765.	2.4	2
27	Cardiovascular magnetization transfer ratio imaging compared with histology: A postmortem study. Journal of Magnetic Resonance Imaging, 2014, 40, spcone-spcone.	3.4	0
28	Characteristics of Prehospital Death in Trauma Victims. Journal of Clinical Medicine, 2021, 10, .	2.4	0