

Christian Jackowski

List of Publications by Year in descending order

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74
papers

2,919
citations

172386
29
h-index

168321
53
g-index

76
all docs

76
docs citations

76
times ranked

1604
citing authors

#	ARTICLE	IF	CITATIONS
1	VIRTOPSY: Minimally Invasive, Imaging-guided Virtual Autopsy. <i>Radiographics</i> , 2006, 26, 1305-1333.	1.4	350
2	VIRTOPSYâ€™Scientific Documentation, Reconstruction and Animation in Forensic: Individual and Real 3D Data Based Geo-Metric Approach Including Optical Body/Object Surface and Radiological CT/MRI Scanning. <i>Journal of Forensic Sciences</i> , 2005, 50, 1-15.	0.9	180
3	Post-mortem forensic neuroimaging: Correlation of MSCT and MRI findings with autopsy results. <i>Forensic Science International</i> , 2007, 173, 21-35.	1.3	149
4	Use of multislice computed tomography in disaster victim identificationâ€™Advantages and limitations. <i>Forensic Science International</i> , 2007, 169, 118-128.	1.3	145
5	Virtopsy: postmortem imaging of the human heart in situ using MSCT and MRI. <i>Forensic Science International</i> , 2005, 149, 11-23.	1.3	119
6	Postmortem unenhanced magnetic resonance imaging of myocardial infarction in correlation to histological infarction age characterization. <i>European Heart Journal</i> , 2006, 27, 2459-2467.	1.0	108
7	Virtopsy: Postmortem Minimally Invasive Angiography Using Cross Section Techniquesâ€™Implementation and Preliminary Results. <i>Journal of Forensic Sciences</i> , 2005, 50, 1-12.	0.9	106
8	Whole Body Postmortem Angiography with a High Viscosity Contrast Agent Solution Using Poly Ethylene Glycol as Contrast Agent Dissolver. <i>Journal of Forensic Sciences</i> , 2008, 53, 465-468.	0.9	88
9	Postmortem imaging of sudden cardiac death. <i>International Journal of Legal Medicine</i> , 2014, 128, 127-137.	1.2	82
10	Clinical forensic radiology in strangulation victims: forensic expertise based on magnetic resonance imaging (MRI) findings. <i>International Journal of Legal Medicine</i> , 2007, 121, 115-123.	1.2	78
11	Post-Mortem Cardiac 3-T Magnetic Resonance Imaging. <i>Journal of the American College of Cardiology</i> , 2013, 62, 617-629.	1.2	77
12	Visualization and Quantification of Air Embolism Structure by Processing Postmortem MSCT Data. <i>Journal of Forensic Sciences</i> , 2004, 49, 1-4.	0.9	77
13	Magnetic resonance imaging goes postmortem: noninvasive detection and assessment of myocardial infarction by postmortem MRI. <i>European Radiology</i> , 2011, 21, 70-78.	2.3	70
14	Pneumomediastinum and soft tissue emphysema of the neck in postmortem CT and MRI; a new vital sign in hanging?. <i>Forensic Science International</i> , 2005, 153, 181-188.	1.3	64
15	Rib fractures at postmortem computed tomography (PMCT) validated against the autopsy. <i>Forensic Science International</i> , 2013, 233, 90-98.	1.3	64
16	Intrahepatic Gas at Postmortem Computed Tomography: Forensic Experience as a Potential Guide for In Vivo Trauma Imaging. <i>Journal of Trauma</i> , 2007, 62, 979-988.	2.3	57
17	Common and Unexpected Findings in Mummies from Ancient Egypt and South America as Revealed by CT. <i>Radiographics</i> , 2008, 28, 1477-1492.	1.4	55
18	Postmortem Imaging of Blunt Chest Trauma Using CT and MRI. <i>Journal of Thoracic Imaging</i> , 2008, 23, 20-27.	0.8	55

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19	Reduction of Postmortem Angiography-Induced Tissue Edema by Using Polyethylene Glycol as a Contrast Agent Dissolver. <i>Journal of Forensic Sciences</i> , 2006, 51, 1134-1137.	0.9	53
20	Virtopsy post-mortem multi-slice computed tomography (MSCT) and magnetic resonance imaging (MRI) demonstrating descending tonsillar herniation: comparison to clinical studies. <i>Neuroradiology</i> , 2004, 46, 559-64.	1.1	46
21	Postmortem Multislice Computed Tomography and Magnetic Resonance Imaging of odontoid fractures, atlantoaxial distractions and ascending medullary edema. <i>International Journal of Legal Medicine</i> , 2005, 119, 129-136.	1.2	46
22	Noninvasive Estimation of Organ Weights by Postmortem Magnetic Resonance Imaging and Multislice Computed Tomography. <i>Investigative Radiology</i> , 2006, 41, 572-578.	3.5	46
23	Fire victim identification by post-mortem dental CT: Radiologic evaluation of restorative materials after exposure to high temperatures. <i>European Journal of Radiology</i> , 2011, 80, 432-440.	1.2	44
24	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.	1.2	40
25	Virtopsy: postmortem minimally invasive angiography using cross section techniques—implementation and preliminary results. <i>Journal of Forensic Sciences</i> , 2005, 50, 1175-86.	0.9	39
26	Autoerotic Accident by Inhalation of Propane-Butane Gas Mixture. <i>American Journal of Forensic Medicine and Pathology</i> , 2005, 26, 355-359.	0.4	37
27	Coronary thrombus and peracute myocardial infarction visualized by unenhanced postmortem MRI prior to autopsy. <i>Forensic Science International</i> , 2012, 214, e16-e19.	1.3	33
28	Temperature dependence of postmortem MR quantification for soft tissue discrimination. <i>European Radiology</i> , 2015, 25, 2381-2389.	2.3	33
29	Pulmonary thromboembolism as cause of death on unenhanced postmortem 3T MRI. <i>European Radiology</i> , 2013, 23, 1266-1270.	2.3	30
30	A state-of-the-art pipeline for postmortem CT and MRI visualization: from data acquisition to interactive image interpretation at autopsy. <i>Acta Radiologica</i> , 2011, 52, 522-536.	0.5	29
31	Postmortem MR quantification of the heart for characterization and differentiation of ischaemic myocardial lesions. <i>European Radiology</i> , 2015, 25, 2067-2073.	2.3	29
32	Adipocere in Postmortem Imaging Using Multislice Computed Tomography (MSCT) and Magnetic Resonance Imaging (MRI). <i>American Journal of Forensic Medicine and Pathology</i> , 2005, 26, 360-364.	0.4	28
33	Fatal steamer accident; blunt force injuries and drowning in post-mortem MSCT and MRI. <i>Forensic Science International</i> , 2005, 152, 65-71.	1.3	28
34	Sleepiness, driving, and motor vehicle accidents: A questionnaire-based survey. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2016, 44, 183-187.	0.5	27
35	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.	1.3	25
36	Survival after trepanation—Early cranial surgery from Late Iron Age Switzerland. <i>International Journal of Paleopathology</i> , 2015, 11, 56-65.	0.8	24

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37	Virtopsy – The concept of a centralized database in forensic medicine for analysis and comparison of radiological and autopsy data. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2008, 15, 135-140.	0.5	23
38	Quantitative MRI in Isotropic Spatial Resolution for Forensic Soft Tissue Documentation. Why and How?*. <i>Journal of Forensic Sciences</i> , 2011, 56, 208-215.	0.9	23
39	Vital reactions – An updated overview. <i>Forensic Science International</i> , 2019, 305, 110029.	1.3	23
40	How Do Legal Experts Cope With Medical Reports and Forensic Evidence? The Experiences, Perceptions, and Narratives of Swiss Judges and Other Legal Experts. <i>Frontiers in Psychiatry</i> , 2019, 10, 18.	1.3	18
41	Postmortem diagnostics using MSCT and MRI of a lethal streptococcus group A infection at infancy: A case report. <i>Forensic Science International</i> , 2005, 151, 157-163.	1.3	16
42	Pulmonary Fat Embolism – A Prospective Study within the Forensic Autopsy Collective of the Republic of Iceland. <i>Journal of Forensic Sciences</i> , 2013, 58, S105-11.	0.9	15
43	Body height estimation from post-mortem CT femoral F1 measurements in a contemporary Swiss population. <i>Legal Medicine</i> , 2016, 19, 61-66.	0.6	15
44	Visualization and quantification of air embolism structure by processing postmortem MSCT data. <i>Journal of Forensic Sciences</i> , 2004, 49, 1339-42.	0.9	14
45	Special issue on postmortem imaging 2013. <i>Forensic Science International</i> , 2013, 225, 1-2.	1.3	13
46	A preliminary study about the spatiotemporal distribution of forensically important blow flies (Diptera: Calliphoridae) in the area of Bern, Switzerland. <i>Forensic Science International</i> , 2018, 289, 57-66.	1.3	13
47	Rigor mortis at the myocardium investigated by post-mortem magnetic resonance imaging. <i>Forensic Science International</i> , 2015, 257, 93-97.	1.3	12
48	Post-mortem 1.5T MR quantification of regular anatomical brain structures. <i>International Journal of Legal Medicine</i> , 2016, 130, 1071-1080.	1.2	11
49	What happened before the run over? Morphometric 3D reconstruction. <i>Forensic Science International</i> , 2020, 306, 110059.	1.3	11
50	The Sommersdorf mummies – An interdisciplinary investigation on human remains from a 17th-19th century aristocratic crypt in southern Germany. <i>PLoS ONE</i> , 2017, 12, e0183588.	1.1	11
51	Postmortem Noninvasive Virtual Autopsy. <i>American Journal of Forensic Medicine and Pathology</i> , 2007, 28, 44-47.	0.4	10
52	The influence of striking object characteristics on the impact energy. <i>International Journal of Legal Medicine</i> , 2016, 130, 835-844.	1.2	10
53	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.	1.2	10
54	Individual synthetic head models in wound ballistics – A feasibility study based on real cases. <i>Forensic Science International</i> , 2019, 294, 150-159.	1.3	10

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55	How safe is BDSM? A literature review on fatal outcome in BDSM play. <i>International Journal of Legal Medicine</i> , 2022, 136, 287-295.	1.2	10
56	Postmortem CT versus forensic autopsy: frequent discrepancies of tracheobronchial content findings. <i>International Journal of Legal Medicine</i> , 2016, 130, 191-198.	1.2	9
57	Hounsfield unit values of liver pathologies in unenhanced post-mortem computed tomography. <i>International Journal of Legal Medicine</i> , 2019, 133, 1861-1867.	1.2	9
58	Type II DeBakey dissection with complete aortic rupture visualized by unenhanced postmortem imaging. <i>Forensic Science International</i> , 2013, 225, 67-70.	1.3	8
59	Postmortem quantitative 1.5-T MRI for the differentiation and characterization of serous fluids, blood, CSF, and putrefied CSF. <i>International Journal of Legal Medicine</i> , 2015, 129, 1127-1136.	1.2	8
60	Post-mortem CT: Hounsfield unit profiles obtained in the lungs with respect to the cause of death assessment. <i>International Journal of Legal Medicine</i> , 2017, 131, 199-210.	1.2	7
61	Impact energy of everyday items used for assault. <i>International Journal of Legal Medicine</i> , 2018, 132, 211-217.	1.2	7
62	Circumstances and causes of death of hikers at different altitudes: A retrospective analysis of hiking fatalities from 2003â€”2018. <i>Forensic Science International</i> , 2020, 310, 110252.	1.3	7
63	Heart Luxation and Myocardium Rupture in Postmortem Multislice Computed Tomography and Magnetic Resonance Imaging. <i>American Journal of Forensic Medicine and Pathology</i> , 2008, 29, 86-88.	0.4	6
64	Layering of stomach contents in drowning cases in post-mortem computed tomography compared to forensic autopsy. <i>International Journal of Legal Medicine</i> , 2019, 133, 181-188.	1.2	6
65	Fatal strangulation during consensual BDSM activity: three case reports. <i>International Journal of Legal Medicine</i> , 2021, 135, 347-353.	1.2	5
66	Testing â€œSaintlyâ€”Authenticity: Investigations on Two Catacomb Saints. <i>Radiographics</i> , 2016, 36, 573-579.	1.4	4
67	Temperature-corrected post-mortem 1.5T MRI quantification of non-pathologic upper abdominal organs. <i>International Journal of Legal Medicine</i> , 2017, 131, 1369-1376.	1.2	4
68	3Tesla post-mortem MRI quantification of anatomical brain structures. <i>Forensic Science International</i> , 2021, 327, 110984.	1.3	3
69	Comments on the paper entitled â€œIs post-mortem CT of the dentition adequate for correct forensic identification?: comparison of dental computed tomography and visual dental recordâ€”by S. Kirchhoff et al.. <i>International Journal of Legal Medicine</i> , 2010, 124, 259-259.	1.2	2
70	Diagnosis of pulmonary infarction in post-mortem computed tomography and post-mortem magnetic resonance imagingâ€”a technical note. <i>International Journal of Legal Medicine</i> , 2020, 134, 1817-1821.	1.2	2
71	The truth lies within: the reconstructive value of inner livores in a homicide case. <i>International Journal of Legal Medicine</i> , 2016, 130, 1599-1601.	1.2	1
72	Invited commentary on diagnostic accuracy of postmortem computed tomography, magnetic resonance imaging, and computed tomography-guided biopsies for the detection of ischaemic heart disease in a hospital setting. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 729-729.	0.5	1

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73	Foot-Launched Flying Sport Fatalities in the Canton of Berne, Switzerland. Wilderness and Environmental Medicine, 2022, 33, 50-58.	0.4	1
74	Editorial. Forensic Science International, 2017, 270, 184.	1.3	0