

Thomas D Ruder

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

97
papers

1,667
citations

23
h-index

36
g-index

108
ext. papers

1,882
ext. citations

2.6
avg, IF

4.47
L-index

#	Paper	IF	Citations
97	Effects of blood loss on organ attenuation on postmortem CT and organ weight at autopsy. <i>International Journal of Legal Medicine</i> , 2021 , 1	3.1	
96	A Deep-Learning Diagnostic Support System for the Detection of COVID-19 Using Chest Radiographs: A Multireader Validation Study. <i>Investigative Radiology</i> , 2021 , 56, 348-356	10.1	6
95	Implications for forensic death investigations from first Swiss post-mortem CT in a case of non-hospital treatment with COVID-19. <i>Forensic Imaging</i> , 2020 , 21, 200378	0.6	18
94	Value of 3T craniocervical magnetic resonance imaging following nonfatal strangulation. <i>European Radiology</i> , 2019 , 29, 3458-3466	8	3
93	Learning from the living to diagnose the dead - parallels between CT findings after survived drowning and fatal drowning. <i>Forensic Science, Medicine, and Pathology</i> , 2019 , 15, 249-251	1.5	3
92	Imaging findings of diabetes on post-mortem CT. <i>Journal of Forensic Radiology and Imaging</i> , 2018 , 13, 27-41	1.3	5
91	Empty Delta Sign on Unenhanced Postmortem Computed Tomography Scan in Cerebral Venous Thrombosis. <i>American Journal of Forensic Medicine and Pathology</i> , 2018 , 39, 360-363	1	3
90	Accuracy of non-contrast PMCT for determining cause of death. <i>Forensic Science, Medicine, and Pathology</i> , 2017 , 13, 284-292	1.5	13
89	Antemortem identification by fusion of MR and CT of the paranasal sinuses. <i>Forensic Science, Medicine, and Pathology</i> , 2017 , 13, 375-378	1.5	7
88	Unexpected brain finding in pre-autopsy postmortem CT. <i>Forensic Science, Medicine, and Pathology</i> , 2017 , 13, 367-371	1.5	4
87	Differentiation of hemopericardium due to ruptured myocardial infarction or aortic dissection on unenhanced postmortem computed tomography. <i>Forensic Science, Medicine, and Pathology</i> , 2017 , 13, 170-176	1.5	7
86	A new method for estimating patient body weight using CT dose modulation data. <i>European Radiology Experimental</i> , 2017 , 1, 23	4.5	6
85	Fast three-dimensional whole-body post-mortem magnetic resonance angiography. <i>Journal of Forensic Radiology and Imaging</i> , 2017 , 10, 41-46	1.3	1
84	Comparative radiologic identification with standardized single CT images of the paranasal sinuses-Evaluation of inter-rater reliability. <i>Forensic Science International</i> , 2017 , 280, 81-86	2.6	10
83	Forensic 3D Visualization of CT Data Using Cinematic Volume Rendering: A Preliminary Study. <i>American Journal of Roentgenology</i> , 2017 , 208, 233-240	5.4	36
82	Forensic odontology radiography and imaging in disaster victim identification. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 6, 28-30	1.3	9
81	Automatic entry point planning for robotic post-mortem CT-based needle placement. <i>Forensic Science, Medicine, and Pathology</i> , 2016 , 12, 336-42	1.5	3

80	Comparative radiologic identification with CT images of paranasal sinuses Development of a standardized approach. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 7, 1-9	1.3	13
79	Pulmonary thromboembolism on unenhanced postmortem computed tomography: Feasibility and findings. <i>Legal Medicine</i> , 2016 , 20, 68-74	1.9	12
78	Validation of post mortem dental CT for disaster victim identification. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 5, 25-30	1.3	26
77	Systematic analysis of the radiologic findings of aortic dissections on unenhanced postmortem computed tomography. <i>Forensic Science, Medicine, and Pathology</i> , 2015 , 11, 162-7	1.5	10
76	Racking the brain: detection of cerebral edema on postmortem computed tomography compared with forensic autopsy. <i>European Journal of Radiology</i> , 2015 , 84, 643-51	4.7	21
75	Smaller but denser: postmortem changes alter the CT characteristics of subdural hematomas. <i>Forensic Science, Medicine, and Pathology</i> , 2015 , 11, 40-6	1.5	6
74	The correlation of epicardial adipose tissue on postmortem CT with coronary artery stenosis as determined by autopsy. <i>Forensic Science, Medicine, and Pathology</i> , 2015 , 11, 186-92	1.5	8
73	Skull fractures in post-mortem CT: VRT, flat and skin surface projections in comparison. <i>Journal of Forensic Radiology and Imaging</i> , 2015 , 3, 214-220	1.3	5
72	Computer-assisted virtual autopsy using surgical navigation techniques. <i>American Journal of Roentgenology</i> , 2015 , 204, W58-62	5.4	2
71	Postmortem magnetic resonance imaging: Reproducing typical autopsy heart measurements. <i>Legal Medicine</i> , 2015 , 17, 493-8	1.9	14
70	Cardiothoracic ratio in postmortem computed tomography: reliability and threshold for the diagnosis of cardiomegaly. <i>Forensic Science, Medicine, and Pathology</i> , 2014 , 10, 44-9	1.5	23
69	Cardiovascular magnetization transfer ratio imaging compared with histology: a postmortem study. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 40, 915-9	5.6	5
68	Lethal lung tear and coronary artery gas embolism in shallow water apnea diving exercise IPMCT, PMMRI, autopsy and histology. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 199-204	1.3	
67	Post-mortem whole body computed tomography of opioid (heroin and methadone) fatalities: frequent findings and comparison to autopsy. <i>European Radiology</i> , 2014 , 24, 1276-82	8	35
66	Imaging in forensic radiology: an illustrated guide for postmortem computed tomography technique and protocols. <i>Forensic Science, Medicine, and Pathology</i> , 2014 , 10, 583-606	1.5	120
65	The applicability of using different energy levels in CT imaging for differentiation or identification of dental restorative materials. <i>Forensic Science, Medicine, and Pathology</i> , 2014 , 10, 543-9	1.5	5
64	RADid: A pictorial review of radiologic identification using postmortem CT. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 52-59	1.3	49
63	Comparison of stab wound probing versus radiological stab wound channel depiction with contrast medium. <i>Forensic Science International</i> , 2014 , 234, 45-9	2.6	10

62	Patent foramen ovale as incidental finding in postmortem computed tomography angiography. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 143-145	1.3	
61	Convegno Congiunto Sezione di Etica e RadiologiaForense [Gruppo Regionale Puglia. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 46	1.3	
60	Virtopsy approach: Structured reporting versus free reporting for PMCT findings. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 28-33	1.3	26
59	What is unsought will go undetected [Myocardial bridging on postmortem computed tomography. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 5-8	1.3	3
58	A forensic pathologist's view on the usage of the Taser [Axon [Flex [camera on-site and during autopsy. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 129-131	1.3	
57	Certification and accreditation in forensic imaging [Analysis of the subcommittee survey 2014. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 154-157	1.3	1
56	Into the decomposed body [Feasibility of post-mortem CT angiography in a decomposed cadaver. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 149-152	1.3	5
55	Status reports of the 5 subcommittees of the ISFRI. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 169-171	1.3	
54	Added value of dual-energy computed tomography versus single-energy computed tomography in assessing ferromagnetic properties of ballistic projectiles: implications for magnetic resonance imaging of gunshot victims. <i>Investigative Radiology</i> , 2014 , 49, 431-7	10.1	19
53	Science into practice: Post-mortem imaging provides conclusive evidence in a non-suspicious death. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 80-84	1.3	4
52	Terminology used in publications for post-mortem cross-sectional imaging. <i>International Journal of Legal Medicine</i> , 2013 , 127, 465-6	3.1	37
51	Edema is a sign of early acute myocardial infarction on post-mortem magnetic resonance imaging. <i>Forensic Science, Medicine, and Pathology</i> , 2013 , 9, 501-5	1.5	25
50	Material differentiation in forensic radiology with single-source dual-energy computed tomography. <i>Forensic Science, Medicine, and Pathology</i> , 2013 , 9, 163-9	1.5	28
49	Quantification of pleural effusion from single area measurements on CT. <i>Emergency Radiology</i> , 2013 , 20, 285-9	3	3
48	Monoenergetic computed tomography reconstructions reduce beam hardening artifacts from dental restorations. <i>Forensic Science, Medicine, and Pathology</i> , 2013 , 9, 327-32	1.5	51
47	Virtual autopsy. <i>Forensic Science, Medicine, and Pathology</i> , 2013 , 9, 435-6	1.5	7
46	First congress of the International Society of Forensic Radiology and Imaging (ISFRI). <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 32-33	1.3	2
45	Advances in forensic radiology among [Top 10 Stories] of the European Congress of Radiology 2013. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 91-92	1.3	1

44	To see or not to see -- ambiguous findings on post-mortem cross-sectional imaging in a case of ruptured abdominal aortic aneurysm. <i>Legal Medicine</i> , 2013 , 15, 256-9	1.9	7
43	The role of post-mortem imaging in a case of sudden death due to ascending aorta aneurysm rupture. <i>Forensic Science International</i> , 2013 , 228, e76-80	2.6	16
42	Assessment of laryngeal tube placement on post mortem computed tomography scans. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 119-123	1.3	5
41	Feasibility of quantitative diffusion imaging of the heart in post-mortem MR. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 124-128	1.3	5
40	Still frame from the hour of death: Acute intracerebral hemorrhage on post-mortem computed tomography in a decomposed corpse. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 73-76	1.3	4
39	The Forensic Reference Phantom – new tool for quality assurance of attenuation measurements in forensic radiology. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 51-55	1.3	1
38	The rise of forensic and post-mortem radiology – Analysis of the literature between the year 2000 and 2011. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 3-9	1.3	125
37	Feasibility of post mortem cardiac proton density weighted fast field echo imaging in two cases of sudden death. <i>Legal Medicine</i> , 2013 , 15, 310-4	1.9	5
36	New evidence for old lore – urinary bladder distension on post-mortem computed tomography is related to intoxication. <i>Forensic Science International</i> , 2013 , 225, 48-52	2.6	12
35	Pitfalls in post-mortem CT-angiography – intravascular contrast induces post-mortem pericardial effusion. <i>Legal Medicine</i> , 2013 , 15, 315-7	1.9	7
34	Estimation of heart weight by post-mortem cardiac magnetic resonance imaging. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 15-18	1.3	10
33	Second congress of the International Society of Forensic Radiology and Imaging (ISFRI) – Towards a joint future in forensic imaging. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 146-148	1.3	4
32	What are the key objectives of the ISFRI? – Evaluation of the ISFRI member survey. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 142-145	1.3	8
31	Whole body postmortem magnetic resonance angiography. <i>Journal of Forensic Sciences</i> , 2012 , 57, 778-82.8		46
30	Format preferences of district attorneys for post-mortem medical imaging reports: understandability, cost effectiveness, and suitability for the courtroom: a questionnaire based study. <i>Legal Medicine</i> , 2012 , 14, 116-20	1.9	26
29	Radiologic identification of disaster victims: a simple and reliable method using CT of the paranasal sinuses. <i>European Journal of Radiology</i> , 2012 , 81, e132-8	4.7	57
28	The influence of body temperature on image contrast in post mortem MRI. <i>European Journal of Radiology</i> , 2012 , 81, 1366-70	4.7	54
27	Assessment of coronary artery disease by post-mortem cardiac MR. <i>European Journal of Radiology</i> , 2012 , 81, 2208-14	4.7	20

26	Post-mortem virtual estimation of free abdominal blood volume. <i>European Journal of Radiology</i> , 2012 , 81, 2133-6	4.7	16
25	How reliable are Hounsfield-unit measurements in forensic radiology?. <i>Forensic Science International</i> , 2012 , 220, 219-23	2.6	30
24	CT based volume measurement and estimation in cases of pericardial effusion. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2012 , 19, 126-31	1.7	29
23	Fatal left ventricular rupture and pericardial tamponade following a horse kick to the chest. <i>American Journal of Forensic Medicine and Pathology</i> , 2012 , 33, 167-9	1	16
22	Sudden death after chest pain: feasibility of virtual autopsy with postmortem CT angiography and biopsy. <i>Radiology</i> , 2012 , 264, 250-9	20.5	84
21	Autopsy, necropsy, and necrotomy: if used, why not correctly?. <i>American Journal of Forensic Medicine and Pathology</i> , 2012 , 33, e6	1	2
20	Decreased detection of hypovascular liver tumors with MDCT in obese patients: a phantom study. <i>American Journal of Roentgenology</i> , 2011 , 196, W772-6	5.4	19
19	Bone images from dual-energy subtraction chest radiography in the detection of rib fractures. <i>European Journal of Radiology</i> , 2011 , 79, e28-32	4.7	4
18	The writing's on the wall for Sherlock. <i>BMJ, The</i> , 2011 , 343, d7406	5.9	0
17	Pros and cons of post-mortem CT imaging on aspiration diagnosis. <i>Legal Medicine</i> , 2011 , 13, 16-21	1.9	18
16	One small scan for radiology, one giant leap for forensic medicine - Post-mortem imaging replaces forensic autopsy in a case of traumatic aortic laceration. <i>Legal Medicine</i> , 2011 , 13, 41-3	1.9	14
15	Fatal thoracic impalement on postmortem imaging. <i>Legal Medicine</i> , 2011 , 13, 83-6	1.9	7
14	Fatal lower extremity varicose vein rupture. <i>Legal Medicine</i> , 2011 , 13, 87-90	1.9	13
13	Suicidal knife wound to the heart: challenges in reconstructing wound channels with post mortem CT and CT-angiography. <i>Legal Medicine</i> , 2011 , 13, 91-4	1.9	24
12	A picture is worth a thousand words--the utility of 3D visualization illustrated by a case of survived pancreatic transection. <i>Legal Medicine</i> , 2011 , 13, 95-7	1.9	17
11	Death by biscuit--exhumation, post-mortem CT, and revision of the cause of death one year after interment. <i>Legal Medicine</i> , 2011 , 13, 142-4	1.9	8
10	Suicide announcement on Facebook. <i>Crisis</i> , 2011 , 32, 280-2	2.8	90
9	'Horrible, most horrible': Hamlet and forensic medicine. <i>Medical Humanities</i> , 2010 , 36, 35	1.4	2

8	Detection of chest trauma with whole-body low-dose linear slit digital radiography: a multireader study. <i>American Journal of Roentgenology</i> , 2010 , 194, W388-95	5.4	7
7	Improved detection of pulmonary nodules on energy-subtracted chest radiographs with a commercial computer-aided diagnosis software: comparison with human observers. <i>European Radiology</i> , 2010 , 20, 1289-96	8	20
6	An unusual cause of hemoptysis--aberrant origin of the left pulmonary artery from the ascending aorta in the adult. <i>Congenital Heart Disease</i> , 2010 , 5, 638-40	3.1	
5	Minimally invasive post-mortem CT-angiography in a case involving a gunshot wound. <i>Legal Medicine</i> , 2010 , 12, 154-6	1.9	23
4	Virtopsy: CT and MR imaging of a fatal head injury caused by a hatchet: A case report. <i>Legal Medicine</i> , 2010 , 12, 238-41	1.9	20
3	A new approach in virtopsy: Postmortem ventilation in multislice computed tomography. <i>Legal Medicine</i> , 2010 , 12, 276-9	1.9	37
2	Incidental findings in post-mortem CT: Calcified ligamentum arteriosum. <i>Legal Medicine</i> , 2010 , 12, 313-5	1.9	4
1	Single-exposure dual-energy subtraction chest radiography: detection of pulmonary nodules and masses in clinical practice. <i>European Radiology</i> , 2008 , 18, 24-31	8	30