

# Thomas D Ruder

## List of Publications by Citations

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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	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> , <b>2013</b> , 1, 3-9	1.3	125
96	Imaging in forensic radiology: an illustrated guide for postmortem computed tomography technique and protocols. <i>Forensic Science, Medicine, and Pathology</i> , <b>2014</b> , 10, 583-606	1.5	120
95	Suicide announcement on Facebook. <i>Crisis</i> , <b>2011</b> , 32, 280-2	2.8	90
94	Sudden death after chest pain: feasibility of virtual autopsy with postmortem CT angiography and biopsy. <i>Radiology</i> , <b>2012</b> , 264, 250-9	20.5	84
93	Radiologic identification of disaster victims: a simple and reliable method using CT of the paranasal sinuses. <i>European Journal of Radiology</i> , <b>2012</b> , 81, e132-8	4.7	57
92	The influence of body temperature on image contrast in post mortem MRI. <i>European Journal of Radiology</i> , <b>2012</b> , 81, 1366-70	4.7	54
91	Monoenergetic computed tomography reconstructions reduce beam hardening artifacts from dental restorations. <i>Forensic Science, Medicine, and Pathology</i> , <b>2013</b> , 9, 327-32	1.5	51
90	RADid: A pictorial review of radiologic identification using postmortem CT. <i>Journal of Forensic Radiology and Imaging</i> , <b>2014</b> , 2, 52-59	1.3	49
89	Whole body postmortem magnetic resonance angiography. <i>Journal of Forensic Sciences</i> , <b>2012</b> , 57, 778-82	2.8	46
88	Terminology used in publications for post-mortem cross-sectional imaging. <i>International Journal of Legal Medicine</i> , <b>2013</b> , 127, 465-6	3.1	37
87	A new approach in virtopsy: Postmortem ventilation in multislice computed tomography. <i>Legal Medicine</i> , <b>2010</b> , 12, 276-9	1.9	37
86	Forensic 3D Visualization of CT Data Using Cinematic Volume Rendering: A Preliminary Study. <i>American Journal of Roentgenology</i> , <b>2017</b> , 208, 233-240	5.4	36
85	Post-mortem whole body computed tomography of opioid (heroin and methadone) fatalities: frequent findings and comparison to autopsy. <i>European Radiology</i> , <b>2014</b> , 24, 1276-82	8	35
84	How reliable are Hounsfield-unit measurements in forensic radiology?. <i>Forensic Science International</i> , <b>2012</b> , 220, 219-23	2.6	30
83	Single-exposure dual-energy subtraction chest radiography: detection of pulmonary nodules and masses in clinical practice. <i>European Radiology</i> , <b>2008</b> , 18, 24-31	8	30
82	CT based volume measurement and estimation in cases of pericardial effusion. <i>Journal of Clinical Forensic and Legal Medicine</i> , <b>2012</b> , 19, 126-31	1.7	29
81	Material differentiation in forensic radiology with single-source dual-energy computed tomography. <i>Forensic Science, Medicine, and Pathology</i> , <b>2013</b> , 9, 163-9	1.5	28

80	Validation of post mortem dental CT for disaster victim identification. <i>Journal of Forensic Radiology and Imaging</i> , <b>2016</b> , 5, 25-30	1.3	26
79	Virtopsy approach: Structured reporting versus free reporting for PMCT findings. <i>Journal of Forensic Radiology and Imaging</i> , <b>2014</b> , 2, 28-33	1.3	26
78	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> , <b>2012</b> , 14, 116-20	1.9	26
77	Edema is a sign of early acute myocardial infarction on post-mortem magnetic resonance imaging. <i>Forensic Science, Medicine, and Pathology</i> , <b>2013</b> , 9, 501-5	1.5	25
76	Suicidal knife wound to the heart: challenges in reconstructing wound channels with post mortem CT and CT-angiography. <i>Legal Medicine</i> , <b>2011</b> , 13, 91-4	1.9	24
75	Cardiothoracic ratio in postmortem computed tomography: reliability and threshold for the diagnosis of cardiomegaly. <i>Forensic Science, Medicine, and Pathology</i> , <b>2014</b> , 10, 44-9	1.5	23
74	Minimally invasive post-mortem CT-angiography in a case involving a gunshot wound. <i>Legal Medicine</i> , <b>2010</b> , 12, 154-6	1.9	23
73	Racking the brain: detection of cerebral edema on postmortem computed tomography compared with forensic autopsy. <i>European Journal of Radiology</i> , <b>2015</b> , 84, 643-51	4.7	21
72	Assessment of coronary artery disease by post-mortem cardiac MR. <i>European Journal of Radiology</i> , <b>2012</b> , 81, 2208-14	4.7	20
71	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> , <b>2010</b> , 20, 1289-96	8	20
70	Virtopsy: CT and MR imaging of a fatal head injury caused by a hatchet: A case report. <i>Legal Medicine</i> , <b>2010</b> , 12, 238-41	1.9	20
69	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> , <b>2014</b> , 49, 431-7	10.1	19
68	Decreased detection of hypovascular liver tumors with MDCT in obese patients: a phantom study. <i>American Journal of Roentgenology</i> , <b>2011</b> , 196, W772-6	5.4	19
67	Pros and cons of post-mortem CT imaging on aspiration diagnosis. <i>Legal Medicine</i> , <b>2011</b> , 13, 16-21	1.9	18
66	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> , <b>2020</b> , 21, 200378	0.6	18
65	A picture is worth a thousand words--the utility of 3D visualization illustrated by a case of survived pancreatic transection. <i>Legal Medicine</i> , <b>2011</b> , 13, 95-7	1.9	17
64	The role of post-mortem imaging in a case of sudden death due to ascending aorta aneurysm rupture. <i>Forensic Science International</i> , <b>2013</b> , 228, e76-80	2.6	16
63	Post-mortem virtual estimation of free abdominal blood volume. <i>European Journal of Radiology</i> , <b>2012</b> , 81, 2133-6	4.7	16

62	Fatal left ventricular rupture and pericardial tamponade following a horse kick to the chest. <i>American Journal of Forensic Medicine and Pathology</i> , <b>2012</b> , 33, 167-9	1	16
61	Postmortem magnetic resonance imaging: Reproducing typical autopsy heart measurements. <i>Legal Medicine</i> , <b>2015</b> , 17, 493-8	1.9	14
60	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> , <b>2011</b> , 13, 41-3	1.9	14
59	Accuracy of non-contrast PMCT for determining cause of death. <i>Forensic Science, Medicine, and Pathology</i> , <b>2017</b> , 13, 284-292	1.5	13
58	Comparative radiologic identification with CT images of paranasal sinuses Development of a standardized approach. <i>Journal of Forensic Radiology and Imaging</i> , <b>2016</b> , 7, 1-9	1.3	13
57	Fatal lower extremity varicose vein rupture. <i>Legal Medicine</i> , <b>2011</b> , 13, 87-90	1.9	13
56	Pulmonary thromboembolism on unenhanced postmortem computed tomography: Feasibility and findings. <i>Legal Medicine</i> , <b>2016</b> , 20, 68-74	1.9	12
55	New evidence for old lore--urinary bladder distension on post-mortem computed tomography is related to intoxication. <i>Forensic Science International</i> , <b>2013</b> , 225, 48-52	2.6	12
54	Systematic analysis of the radiologic findings of aortic dissections on unenhanced postmortem computed tomography. <i>Forensic Science, Medicine, and Pathology</i> , <b>2015</b> , 11, 162-7	1.5	10
53	Comparison of stab wound probing versus radiological stab wound channel depiction with contrast medium. <i>Forensic Science International</i> , <b>2014</b> , 234, 45-9	2.6	10
52	Estimation of heart weight by post-mortem cardiac magnetic resonance imaging. <i>Journal of Forensic Radiology and Imaging</i> , <b>2013</b> , 1, 15-18	1.3	10
51	Comparative radiologic identification with standardized single CT images of the paranasal sinuses-Evaluation of inter-rater reliability. <i>Forensic Science International</i> , <b>2017</b> , 280, 81-86	2.6	10
50	Forensic odontology radiography and imaging in disaster victim identification. <i>Journal of Forensic Radiology and Imaging</i> , <b>2016</b> , 6, 28-30	1.3	9
49	The correlation of epicardial adipose tissue on postmortem CT with coronary artery stenosis as determined by autopsy. <i>Forensic Science, Medicine, and Pathology</i> , <b>2015</b> , 11, 186-92	1.5	8
48	What are the key objectives of the ISFRI?Evaluation of the ISFRI member survey. <i>Journal of Forensic Radiology and Imaging</i> , <b>2013</b> , 1, 142-145	1.3	8
47	Death by biscuit--exhumation, post-mortem CT, and revision of the cause of death one year after interment. <i>Legal Medicine</i> , <b>2011</b> , 13, 142-4	1.9	8
46	Antemortem identification by fusion of MR and CT of the paranasal sinuses. <i>Forensic Science, Medicine, and Pathology</i> , <b>2017</b> , 13, 375-378	1.5	7
45	Differentiation of hemopericardium due to ruptured myocardial infarction or aortic dissection on unenhanced postmortem computed tomography. <i>Forensic Science, Medicine, and Pathology</i> , <b>2017</b> , 13, 170-176	1.5	7

44	Virtual autopsy. <i>Forensic Science, Medicine, and Pathology</i> , <b>2013</b> , 9, 435-6	1.5	7
43	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> , <b>2013</b> , 15, 256-9	1.9	7
42	Pitfalls in post-mortem CT-angiography--intravascular contrast induces post-mortem pericardial effusion. <i>Legal Medicine</i> , <b>2013</b> , 15, 315-7	1.9	7
41	Detection of chest trauma with whole-body low-dose linear slit digital radiography: a multireader study. <i>American Journal of Roentgenology</i> , <b>2010</b> , 194, W388-95	5.4	7
40	Fatal thoracic impalement on postmortem imaging. <i>Legal Medicine</i> , <b>2011</b> , 13, 83-6	1.9	7
39	Smaller but denser: postmortem changes alter the CT characteristics of subdural hematomas. <i>Forensic Science, Medicine, and Pathology</i> , <b>2015</b> , 11, 40-6	1.5	6
38	A new method for estimating patient body weight using CT dose modulation data. <i>European Radiology Experimental</i> , <b>2017</b> , 1, 23	4.5	6
37	A Deep-Learning Diagnostic Support System for the Detection of COVID-19 Using Chest Radiographs: A Multireader Validation Study. <i>Investigative Radiology</i> , <b>2021</b> , 56, 348-356	10.1	6
36	Skull fractures in post-mortem CT: VRT, flat and skin surface projections in comparison. <i>Journal of Forensic Radiology and Imaging</i> , <b>2015</b> , 3, 214-220	1.3	5
35	Imaging findings of diabetes on post-mortem CT. <i>Journal of Forensic Radiology and Imaging</i> , <b>2018</b> , 13, 27-41	1.3	5
34	Cardiovascular magnetization transfer ratio imaging compared with histology: a postmortem study. <i>Journal of Magnetic Resonance Imaging</i> , <b>2014</b> , 40, 915-9	5.6	5
33	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> , <b>2014</b> , 10, 543-9	1.5	5
32	Into the decomposed body [Feasibility of post-mortem CT angiography in a decomposed cadaver. <i>Journal of Forensic Radiology and Imaging</i> , <b>2014</b> , 2, 149-152	1.3	5
31	Assessment of laryngeal tube placement on post mortem computed tomography scans. <i>Journal of Forensic Radiology and Imaging</i> , <b>2013</b> , 1, 119-123	1.3	5
30	Feasibility of quantitative diffusion imaging of the heart in post-mortem MR. <i>Journal of Forensic Radiology and Imaging</i> , <b>2013</b> , 1, 124-128	1.3	5
29	Feasibility of post mortem cardiac proton density weighted fast field echo imaging in two cases of sudden death. <i>Legal Medicine</i> , <b>2013</b> , 15, 310-4	1.9	5
28	Unexpected brain finding in pre-autopsy postmortem CT. <i>Forensic Science, Medicine, and Pathology</i> , <b>2017</b> , 13, 367-371	1.5	4
27	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> , <b>2013</b> , 1, 73-76	1.3	4

26	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> , <b>2013</b> , 1, 146-148	1.3	4
25	Science into practice: Post-mortem imaging provides conclusive evidence in a non-suspicious death. <i>Journal of Forensic Radiology and Imaging</i> , <b>2014</b> , 2, 80-84	1.3	4
24	Bone images from dual-energy subtraction chest radiography in the detection of rib fractures. <i>European Journal of Radiology</i> , <b>2011</b> , 79, e28-32	4.7	4
23	Incidental findings in post-mortem CT: Calcified ligamentum arteriosum. <i>Legal Medicine</i> , <b>2010</b> , 12, 313-5	1.9	4
22	Value of 3T craniocervical magnetic resonance imaging following nonfatal strangulation. <i>European Radiology</i> , <b>2019</b> , 29, 3458-3466	8	3
21	Automatic entry point planning for robotic post-mortem CT-based needle placement. <i>Forensic Science, Medicine, and Pathology</i> , <b>2016</b> , 12, 336-42	1.5	3
20	What is unsought will go undetected Myocardial bridging on postmortem computed tomography. <i>Journal of Forensic Radiology and Imaging</i> , <b>2014</b> , 2, 5-8	1.3	3
19	Quantification of pleural effusion from single area measurements on CT. <i>Emergency Radiology</i> , <b>2013</b> , 20, 285-9	3	3
18	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> , <b>2019</b> , 15, 249-251	1.5	3
17	Empty Delta Sign on Unenhanced Postmortem Computed Tomography Scan in Cerebral Venous Thrombosis. <i>American Journal of Forensic Medicine and Pathology</i> , <b>2018</b> , 39, 360-363	1	3
16	First congress of the International Society of Forensic Radiology and Imaging (ISFRI). <i>Journal of Forensic Radiology and Imaging</i> , <b>2013</b> , 1, 32-33	1.3	2
15	Computer-assisted virtual autopsy using surgical navigation techniques. <i>American Journal of Roentgenology</i> , <b>2015</b> , 204, W58-62	5.4	2
14	'Horrible, most horrible': Hamlet and forensic medicine. <i>Medical Humanities</i> , <b>2010</b> , 36, 35	1.4	2
13	Autopsy, necropsy, and necrotomy: if used, why not correctly?. <i>American Journal of Forensic Medicine and Pathology</i> , <b>2012</b> , 33, e6	1	2
12	Certification and accreditation in forensic imaging Analysis of the subcommittee survey 2014. <i>Journal of Forensic Radiology and Imaging</i> , <b>2014</b> , 2, 154-157	1.3	1
11	Advances in forensic radiology among Top 10 Stories of the European Congress of Radiology 2013. <i>Journal of Forensic Radiology and Imaging</i> , <b>2013</b> , 1, 91-92	1.3	1
10	The Forensic Reference Phantom new tool for quality assurance of attenuation measurements in forensic radiology. <i>Journal of Forensic Radiology and Imaging</i> , <b>2013</b> , 1, 51-55	1.3	1
9	Fast three-dimensional whole-body post-mortem magnetic resonance angiography. <i>Journal of Forensic Radiology and Imaging</i> , <b>2017</b> , 10, 41-46	1.3	1

- 8 The writing's on the wall for Sherlock. *BMJ, The*, **2011**, 343, d7406 5.9 0
- 7 Lethal lung tear and coronary artery gas embolism in shallow water apnea diving exercise [PMCT, PMMRI, autopsy and histology. *Journal of Forensic Radiology and Imaging*, **2014**, 2, 199-204 1.3
- 6 Patent foramen ovale as incidental finding in postmortem computed tomography angiography. *Journal of Forensic Radiology and Imaging*, **2014**, 2, 143-145 1.3
- 5 Convegno Congiunto Sezione di Etica e RadiologiaForense [Gruppo Regionale Puglia. *Journal of Forensic Radiology and Imaging*, **2014**, 2, 46 1.3
- 4 A forensic pathologist's view on the usage of the Taser [ Axon [Flex [camera on-site and during autopsy. *Journal of Forensic Radiology and Imaging*, **2014**, 2, 129-131 1.3
- 3 Status reports of the 5 subcommittees of the ISFRI. *Journal of Forensic Radiology and Imaging*, **2014**, 2, 169-171 1.3
- 2 An unusual cause of hemoptysis--aberrant origin of the left pulmonary artery from the ascending aorta in the adult. *Congenital Heart Disease*, **2010**, 5, 638-40 3.1
- 1 Effects of blood loss on organ attenuation on postmortem CT and organ weight at autopsy. *International Journal of Legal Medicine*, **2021**, 1 3.1