

# Thomas D Ruder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3885136/publications.pdf>

Version: 2024-02-01

103  
papers

2,062  
citations

257101

24  
h-index

276539

41  
g-index

108  
all docs

108  
docs citations

108  
times ranked

1475  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.6	149
2	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.	1.2	144
3	Suicide Announcement on Facebook. <i>Crisis</i> , 2011, 32, 280-282.	0.9	111
4	Sudden Death after Chest Pain: Feasibility of Virtual Autopsy with Postmortem CT Angiography and Biopsy. <i>Radiology</i> , 2012, 264, 250-259.	3.6	93
5	The influence of body temperature on image contrast in post mortem MRI. <i>European Journal of Radiology</i> , 2012, 81, 1366-1370.	1.2	74
6	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-e138.	1.2	65
7	RADid: A pictorial review of radiologic identification using postmortem CT. <i>Journal of Forensic Radiology and Imaging</i> , 2014, 2, 52-59.	1.2	61
8	Whole Body Postmortem Magnetic Resonance Angiography. <i>Journal of Forensic Sciences</i> , 2012, 57, 778-782.	0.9	55
9	Monoenergetic computed tomography reconstructions reduce beam hardening artifacts from dental restorations. <i>Forensic Science, Medicine, and Pathology</i> , 2013, 9, 327-332.	0.6	55
10	Terminology used in publications for post-mortem cross-sectional imaging. <i>International Journal of Legal Medicine</i> , 2013, 127, 465-466.	1.2	48
11	Forensic 3D Visualization of CT Data Using Cinematic Volume Rendering: A Preliminary Study. <i>American Journal of Roentgenology</i> , 2017, 208, 233-240.	1.0	47
12	A new approach in virtopsy: Postmortem ventilation in multislice computed tomography. <i>Legal Medicine</i> , 2010, 12, 276-279.	0.6	42
13	Post-mortem whole body computed tomography of opioid (heroin and methadone) fatalities: frequent findings and comparison to autopsy. <i>European Radiology</i> , 2014, 24, 1276-1282.	2.3	42
14	CT based volume measurement and estimation in cases of pericardial effusion. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2012, 19, 126-131.	0.5	37
15	Single-exposure dual-energy subtraction chest radiography: Detection of pulmonary nodules and masses in clinical practice. <i>European Radiology</i> , 2008, 18, 24-31.	2.3	35
16	Material differentiation in forensic radiology with single-source dual-energy computed tomography. <i>Forensic Science, Medicine, and Pathology</i> , 2013, 9, 163-169.	0.6	35
17	Validation of post mortem dental CT for disaster victim identification. <i>Journal of Forensic Radiology and Imaging</i> , 2016, 5, 25-30.	1.2	35
18	How reliable are Hounsfield-unit measurements in forensic radiology?. <i>Forensic Science International</i> , 2012, 220, 219-223.	1.3	34

#	ARTICLE	IF	CITATIONS
19	Edema is a sign of early acute myocardial infarction on post-mortem magnetic resonance imaging. <i>Forensic Science, Medicine, and Pathology</i> , 2013, 9, 501-505.	0.6	32
20	Suicidal knife wound to the heart: Challenges in reconstructing wound channels with post mortem CT and CT-angiography. <i>Legal Medicine</i> , 2011, 13, 91-94.	0.6	29
21	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, 116-120.	0.6	29
22	Assessment of coronary artery disease by post-mortem cardiac MR. <i>European Journal of Radiology</i> , 2012, 81, 2208-2214.	1.2	28
23	Cardiothoracic ratio in postmortem computed tomography: reliability and threshold for the diagnosis of cardiomegaly. <i>Forensic Science, Medicine, and Pathology</i> , 2014, 10, 44-49.	0.6	26
24	Virtopsy approach: Structured reporting versus free reporting for PMCT findings. <i>Journal of Forensic Radiology and Imaging</i> , 2014, 2, 28-33.	1.2	26
25	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.	0.4	26
26	A Deep-Learning Diagnostic Support System for the Detection of COVID-19 Using Chest Radiographs. <i>Investigative Radiology</i> , 2021, 56, 348-356.	3.5	26
27	Minimally invasive post-mortem CT-angiography in a case involving a gunshot wound. <i>Legal Medicine</i> , 2010, 12, 154-156.	0.6	24
28	Decreased Detection of Hypovascular Liver Tumors With MDCT in Obese Patients: A Phantom Study. <i>American Journal of Roentgenology</i> , 2011, 196, W772-W776.	1.0	24
29	Racking the brain: Detection of cerebral edema on postmortem computed tomography compared with forensic autopsy. <i>European Journal of Radiology</i> , 2015, 84, 643-651.	1.2	24
30	Virtopsy: CT and MR imaging of a fatal head injury caused by a hatchet: A case report. <i>Legal Medicine</i> , 2010, 12, 238-241.	0.6	23
31	Added Value of Dual-Energy Computed Tomography Versus Single-Energy Computed Tomography in Assessing Ferromagnetic Properties of Ballistic Projectiles. <i>Investigative Radiology</i> , 2014, 49, 431-437.	3.5	23
32	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, 1289-1296.	2.3	22
33	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-e80.	1.3	21
34	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.	1.2	21
35	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, 95-97.	0.6	20
36	Pros and cons of post-mortem CT imaging on aspiration diagnosis. <i>Legal Medicine</i> , 2011, 13, 16-21.	0.6	19

#	ARTICLE	IF	CITATIONS
37	Accuracy of non-contrast PMCT for determining cause of death. <i>Forensic Science, Medicine, and Pathology</i> , 2017, 13, 284-292.	0.6	19
38	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, 41-43.	0.6	18
39	Fatal lower extremity varicose vein rupture. <i>Legal Medicine</i> , 2011, 13, 87-90.	0.6	18
40	Postmortem magnetic resonance imaging: Reproducing typical autopsy heart measurements. <i>Legal Medicine</i> , 2015, 17, 493-498.	0.6	18
41	Pulmonary thromboembolism on unenhanced postmortem computed tomography: Feasibility and findings. <i>Legal Medicine</i> , 2016, 20, 68-74.	0.6	18
42	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, 167-169.	0.4	17
43	Post-mortem virtual estimation of free abdominal blood volume. <i>European Journal of Radiology</i> , 2012, 81, 2133-2136.	1.2	17
44	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.	1.3	15
45	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.	1.3	15
46	Estimation of heart weight by post-mortem cardiac magnetic resonance imaging. <i>Journal of Forensic Radiology and Imaging</i> , 2013, 1, 15-18.	1.2	14
47	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.	0.6	14
48	A new method for estimating patient body weight using CT dose modulation data. <i>European Radiology Experimental</i> , 2017, 1, 23.	1.7	14
49	Pitfalls in post-mortem CT-angiography – intravascular contrast induces post-mortem pericardial effusion. <i>Legal Medicine</i> , 2013, 15, 315-317.	0.6	13
50	Comparison of stab wound probing versus radiological stab wound channel depiction with contrast medium. <i>Forensic Science International</i> , 2014, 234, 45-49.	1.3	12
51	Systematic analysis of the radiologic findings of aortic dissections on unenhanced postmortem computed tomography. <i>Forensic Science, Medicine, and Pathology</i> , 2015, 11, 162-167.	0.6	12
52	Forensic odontology radiography and imaging in disaster victim identification. <i>Journal of Forensic Radiology and Imaging</i> , 2016, 6, 28-30.	1.2	12
53	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, 186-192.	0.6	11
54	Fatal thoracic impalement on postmortem imaging. <i>Legal Medicine</i> , 2011, 13, 83-86.	0.6	9

#	ARTICLE	IF	CITATIONS
55	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, 256-259.	0.6	9
56	What are the greatest challenges or barriers to applying post-mortem imaging in pediatric radiology?. <i>Pediatric Radiology</i> , 2015, 45, 479-479.	1.1	9
57	Death by biscuit – Exhumation, post-mortem CT, and revision of the cause of death one year after interment. <i>Legal Medicine</i> , 2011, 13, 142-144.	0.6	8
58	Virtual autopsy. <i>Forensic Science, Medicine, and Pathology</i> , 2013, 9, 435-436.	0.6	8
59	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.	1.2	8
60	Smaller but denser: postmortem changes alter the CT characteristics of subdural hematomas. <i>Forensic Science, Medicine, and Pathology</i> , 2015, 11, 40-46.	0.6	8
61	Value of 3T craniocervical magnetic resonance imaging following nonfatal strangulation. <i>European Radiology</i> , 2019, 29, 3458-3466.	2.3	8
62	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-W395.	1.0	7
63	Bone images from dual-energy subtraction chest radiography in the detection of rib fractures. <i>European Journal of Radiology</i> , 2011, 79, e28-e32.	1.2	7
64	Antemortem identification by fusion of MR and CT of the paranasal sinuses. <i>Forensic Science, Medicine, and Pathology</i> , 2017, 13, 375-378.	0.6	7
65	Incidental findings in post-mortem CT: Calcified ligamentum arteriosum. <i>Legal Medicine</i> , 2010, 12, 313-315.	0.6	6
66	Quantification of pleural effusion from single area measurements on CT. <i>Emergency Radiology</i> , 2013, 20, 285-289.	1.0	6
67	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.	1.2	6
68	Cardiovascular magnetization transfer ratio imaging compared with histology: A postmortem study. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 915-919.	1.9	6
69	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, 543-549.	0.6	6
70	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.	1.2	6
71	Unexpected brain finding in pre-autopsy postmortem CT. <i>Forensic Science, Medicine, and Pathology</i> , 2017, 13, 367-371.	0.6	6
72	Assessment of laryngeal tube placement on post mortem computed tomography scans. <i>Journal of Forensic Radiology and Imaging</i> , 2013, 1, 119-123.	1.2	5

#	ARTICLE	IF	CITATIONS
73	Feasibility of quantitative diffusion imaging of the heart in post-mortem MR. Journal of Forensic Radiology and Imaging, 2013, 1, 124-128.	1.2	5
74	Feasibility of post mortem cardiac proton density weighted fast field echo imaging in two cases of sudden death. Legal Medicine, 2013, 15, 310-314.	0.6	5
75	Into the decomposed body â€œ Feasibility of post-mortem CT angiography in a decomposed cadaver. Journal of Forensic Radiology and Imaging, 2014, 2, 149-152.	1.2	5
76	Imaging findings of diabetes on post-mortem CT. Journal of Forensic Radiology and Imaging, 2018, 13, 27-41.	1.2	5
77	Still frame from the hour of death: Acute intracerebral hemorrhage on post-mortem computed tomography in a decomposed corpse. Journal of Forensic Radiology and Imaging, 2013, 1, 73-76.	1.2	4
78	Second congress of the International Society of Forensic Radiology and Imaging (ISFRI)â€”Towards a joint future in forensic imaging. Journal of Forensic Radiology and Imaging, 2013, 1, 146-148.	1.2	4
79	Computer-Assisted Virtual Autopsy Using Surgical Navigation Techniques. American Journal of Roentgenology, 2015, 204, W58-W62.	1.0	4
80	Empty Delta Sign on Unenhanced Postmortem Computed Tomography Scan in Cerebral Venous Thrombosis. American Journal of Forensic Medicine and Pathology, 2018, 39, 360-363.	0.4	4
81	Autopsy, Necropsy, and Necrotomy. American Journal of Forensic Medicine and Pathology, 2012, 33, e6.	0.4	3
82	What is unsought will go undetected â€œ Myocardial bridging on postmortem computed tomography. Journal of Forensic Radiology and Imaging, 2014, 2, 5-8.	1.2	3
83	Automatic entry point planning for robotic post-mortem CT-based needle placement. Forensic Science, Medicine, and Pathology, 2016, 12, 336-342.	0.6	3
84	Fast three-dimensional whole-body post-mortem magnetic resonance angiography. Journal of Forensic Radiology and Imaging, 2017, 10, 41-46.	1.2	3
85	Learning from the living to diagnose the dead â€œ parallels between CT findings after survived drowning and fatal drowning. Forensic Science, Medicine, and Pathology, 2019, 15, 249-251.	0.6	3
86	'Horrible, most horrible': Hamlet and forensic medicine. Medical Humanities, 2010, 36, 35-35.	0.6	2
87	First congress of the International Society of Forensic Radiology and Imaging (ISFRI). Journal of Forensic Radiology and Imaging, 2013, 1, 32-33.	1.2	2
88	Certification and accreditation in forensic imaging â€œ Analysis of the subcommittee survey 2014. Journal of Forensic Radiology and Imaging, 2014, 2, 154-157.	1.2	2
89	The writing's on the wall for Sherlock. BMJ: British Medical Journal, 2011, 343, d7406-d7406.	2.4	1
90	Advances in forensic radiology among â€œTop 10 Storiesâ€œ of the European Congress of Radiology 2013. Journal of Forensic Radiology and Imaging, 2013, 1, 91-92.	1.2	1

#	ARTICLE	IF	CITATIONS
91	The Forensic Reference Phantomâ€”a new tool for quality assurance of attenuation measurements in forensic radiology. <i>Journal of Forensic Radiology and Imaging</i> , 2013, 1, 51-55.	1.2	1
92	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, 638-640.	0.0	0
93	The first Leicester post-mortem computed tomography imaging course. <i>Journal of Forensic Radiology and Imaging</i> , 2013, 1, 38.	1.2	0
94	Cardiovascular magnetization transfer ratio imaging compared with histology: A postmortem study. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, spcone-spcone.	1.9	0
95	TroisiÃ¨me Cours Francophone sur l'Autopsie Virtuelle. <i>Journal of Forensic Radiology and Imaging</i> , 2014, 2, 41-42.	1.2	0
96	Lethal lung tear and coronary artery gas embolism in shallow water apnea diving exercise â€” PMCT, PMMRI, autopsy and histology. <i>Journal of Forensic Radiology and Imaging</i> , 2014, 2, 199-204.	1.2	0
97	Patent foramen ovale as incidental finding in postmortem computed tomography angiography. <i>Journal of Forensic Radiology and Imaging</i> , 2014, 2, 143-145.	1.2	0
98	Convegno Congiunto Sezione di Etica e RadiologiaForense â€” Gruppo Regionale Puglia. <i>Journal of Forensic Radiology and Imaging</i> , 2014, 2, 46.	1.2	0
99	A forensic pathologist's view on the usage of the TaserÂ® Axonâ„¢ Flexâ„¢ camera on-site and during autopsy. <i>Journal of Forensic Radiology and Imaging</i> , 2014, 2, 129-131.	1.2	0
100	3rd Congress of the International Society of Forensic Radiology and Imaging (ISFRI) â€” Impressions from Marseille. <i>Journal of Forensic Radiology and Imaging</i> , 2014, 2, 165-168.	1.2	0
101	Status reports of the 5 subcommittees of the ISFRI. <i>Journal of Forensic Radiology and Imaging</i> , 2014, 2, 169-171.	1.2	0
102	Joint Congress of the ISFRI and IAFR 2015: 4th Congress of the International Society of Forensic Radiology and Imaging (ISFRI) and 10th Anniversary Meeting of the International Association of Forensic Radiographers (IAFR) â€” Impressions from Leicester. <i>Journal of Forensic Radiology and Imaging</i> , 2015, 3, 244-246.	1.2	0
103	Effects of blood loss on organ attenuation on postmortem CT and organ weight at autopsy. <i>International Journal of Legal Medicine</i> , 2021, , 1.	1.2	0