

Guy N Ruty

List of Publications by Citations

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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.

93 papers	1,369 citations	19 h-index	34 g-index
101 ext. papers	1,549 ext. citations	2.8 avg, IF	4.47 L-index

#	Paper	IF	Citations
93	Targeted post-mortem computed tomography cardiac angiography: proof of concept. <i>International Journal of Legal Medicine</i> , 2011 , 125, 609-16	3.1	100
92	Diagnostic accuracy of post-mortem CT with targeted coronary angiography versus autopsy for coroner-requested post-mortem investigations: a prospective, masked, comparison study. <i>Lancet, The</i> , 2017 , 390, 145-154	4.0	77
91	Forensic institutes across the world place CT or MRI scanners or both into their mortuaries. <i>Journal of Trauma</i> , 2008 , 65, 493-4		71
90	Post-mortem computed tomography angiography: past, present and future. <i>Forensic Science, Medicine, and Pathology</i> , 2011 , 7, 271-7	1.5	70
89	Cutting crime: the analysis of the "uniqueness" of saw marks on bone. <i>International Journal of Legal Medicine</i> , 2007 , 121, 349-57	3.1	68
88	Anthropological measurement of lower limb and foot bones using multi-detector computed tomography. <i>Journal of Forensic Sciences</i> , 2008 , 53, 1289-95	1.8	62
87	Postmortem CT Angiography Compared with Autopsy: A Forensic Multicenter Study. <i>Radiology</i> , 2018 , 288, 270-276	20.5	59
86	The role of mobile computed tomography in mass fatality incidents. <i>Journal of Forensic Sciences</i> , 2007 , 52, 1343-9	1.8	51
85	Fimag: the United Kingdom disaster victim/forensic identification imaging system. <i>Journal of Forensic Sciences</i> , 2009 , 54, 1438-42	1.8	50
84	Post-mortem computed tomography and 3D imaging: anthropological applications for juvenile remains. <i>Forensic Science, Medicine, and Pathology</i> , 2012 , 8, 270-9	1.5	43
83	Perimortem trauma in King Richard III: a skeletal analysis. <i>Lancet, The</i> , 2015 , 385, 253-9	4.0	41
82	Terminology used in publications for post-mortem cross-sectional imaging. <i>International Journal of Legal Medicine</i> , 2013 , 127, 465-6	3.1	37
81	Anthropological measurement of the juvenile clavicle using multi-detector computed tomography--affirming reliability. <i>Journal of Forensic Sciences</i> , 2013 , 58, 946-51	1.8	35
80	How long does it take a static speaking individual to contaminate the immediate environment?. <i>Forensic Science, Medicine, and Pathology</i> , 2006 , 2, 157-63	1.5	27
79	Use of post-mortem computed tomography in Disaster Victim Identification. Positional statement of the members of the Disaster Victim Identification working group of the International Society of Forensic Radiology and Imaging; May 2014. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 114-116	1.3	26
78	Pump injector system applied to targeted post-mortem coronary artery angiography. <i>International Journal of Legal Medicine</i> , 2013 , 127, 661-6	3.1	23
77	Forces required for a knife to penetrate a variety of clothing types. <i>Journal of Forensic Sciences</i> , 2013 , 58, 372-9	1.8	23

76	Targeted cardiac post-mortem computed tomography angiography: a pictorial review. <i>Forensic Science, Medicine, and Pathology</i> , 2012 , 8, 40-7	1.5	22
75	A minimum data set approach to post-mortem computed tomography reporting for anthropological biological profiling. <i>Forensic Science, Medicine, and Pathology</i> , 2014 , 10, 504-12	1.5	22
74	Ventilated post-mortem computed tomography through the use of a definitive airway. <i>International Journal of Legal Medicine</i> , 2015 , 129, 325-34	3.1	19
73	Use of Radiology in Disaster Victim Identification: Positional statement of the members of the Disaster Victim Identification working group of the International Society of Forensic Radiology and Imaging; May 2013. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 218	1.3	19
72	Detection of bacterioplankton using PCR probes as a diagnostic indicator for drowning; the Leicester experience. <i>Legal Medicine</i> , 2015 , 17, 401-8	1.9	18
71	Coronary optical coherence tomography: minimally invasive virtual histology as part of targeted post-mortem computed tomography angiography. <i>International Journal of Legal Medicine</i> , 2013 , 127, 991-6	3.1	17
70	Recent Advances in Postmortem Forensic Radiology 2006 , 355-404		17
69	Post-mortem computed tomography coaxial cutting needle biopsy to facilitate the detection of bacterioplankton using PCR probes as a diagnostic indicator for drowning. <i>International Journal of Legal Medicine</i> , 2017 , 131, 211-216	3.1	15
68	The future of pediatric and perinatal postmortem imaging. <i>Pediatric Radiology</i> , 2015 , 45, 509-16	2.8	15
67	Postmortem computed tomography age assessment of juvenile dentition: comparison against traditional OPT assessment. <i>International Journal of Legal Medicine</i> , 2014 , 128, 653-8	3.1	15
66	Mobile computed tomography for mass fatality investigations. <i>Forensic Science, Medicine, and Pathology</i> , 2007 , 3, 138-45	1.5	15
65	Perceptions of near virtual autopsies. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2011 , 18, 306-9	1.7	14
64	Remote post-mortem radiology reporting in disaster victim identification: experience gained in the 2017 Grenfell Tower disaster. <i>International Journal of Legal Medicine</i> , 2020 , 134, 637-643	3.1	14
63	Use of radiography and fluoroscopy in Disaster Victim Identification: Positional statement of the members of the Disaster Victim Identification working group of the International Society of Forensic Radiology and Imaging. <i>Journal of Forensic Radiology and Imaging</i> , 2015 , 3, 141-145	1.3	13
62	Did the participants of the mass fatality exercise Operation Torch learn anything?. <i>Forensic Science, Medicine, and Pathology</i> , 2012 , 8, 88-93	1.5	13
61	The Human Ear: Its Role in Forensic Practice. <i>Journal of Forensic Sciences</i> , 2003 , 48, 2002251	1.8	13
60	The tsunami : An environmental mass disaster. <i>Forensic Science, Medicine, and Pathology</i> , 2005 , 1, 3-7	1.5	12
59	The pathology of whiplash maculopathy and retinopathy : Illustrated observations derived from a fatal roller-coaster accident. <i>Forensic Science, Medicine, and Pathology</i> , 2005 , 1, 19-25	1.5	12

58	The estimation of the time since death using temperatures recorded from the external auditory canal : Part I: Can a temperature be recorded and interpreted from this site?. <i>Forensic Science, Medicine, and Pathology</i> , 2005 , 1, 41-51	1.5	12
57	Forces generated in stabbing attacks: an evaluation of the utility of the mild, moderate and severe scale. <i>International Journal of Legal Medicine</i> , 2018 , 132, 229-236	3.1	11
56	How does post-mortem imaging compare to autopsy, is this a relevant question?. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 4, 2-6	1.3	11
55	Could post-mortem computed tomography angiography inform cardiopulmonary resuscitation research?. <i>Resuscitation</i> , 2017 , 121, 34-40	4	10
54	The effect on cadaver blood DNA identification by the use of targeted and whole body post-mortem computed tomography angiography. <i>Forensic Science, Medicine, and Pathology</i> , 2013 , 9, 489-95	1.5	10
53	Consent of the recently bereaved to post-mortem targeted angiography research: 207 adult cases. <i>Journal of Clinical Pathology</i> , 2013 , 66, 326-9	3.9	10
52	A systematic autopsy survey of human infant bridging veins. <i>International Journal of Legal Medicine</i> , 2018 , 132, 449-461	3.1	9
51	Forensic odontology radiography and imaging in disaster victim identification. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 6, 28-30	1.3	9
50	Demonstrating the origin of cardiac air embolism using post-mortem computed tomography; an illustrated case. <i>Legal Medicine</i> , 2011 , 13, 79-82	1.9	9
49	Positional Statement: Radiology Disaster Victim Identification Reporting Forms. <i>Journal of Forensic Radiology and Imaging</i> , 2018 , 15, 4-7	1.3	9
48	Post mortem computed tomography: An innovative tool for teaching anatomy within pre-registration nursing curricula. <i>Nurse Education Today</i> , 2019 , 76, 154-164	3.7	8
47	Managing transformational change: Implementing cross-sectional imaging into death investigation services in the United Kingdom. <i>Journal of Forensic Radiology and Imaging</i> , 2015 , 3, 57-60	1.3	8
46	Ventilated post-mortem computed tomography [A historical review. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 4, 35-42	1.3	8
45	A study considering the force required for broken glass bottles to penetrate a skin simulant. <i>International Journal of Legal Medicine</i> , 2012 , 126, 19-25	3.1	8
44	The estimation of the time since death using temperatures recorded from the external auditory canal : Part II: Using single temperatures from this site to estimate the time since death with consideration of environmental or body "factors" that could affect the estimation. <i>Forensic Science, Medicine, and Pathology</i> , 2005 , 1, 113-23	1.5	8
43	Are invasive autopsies necessary?. <i>Forensic Science, Medicine, and Pathology</i> , 2005 , 1, 71-3	1.5	7
42	The benefits of medical imaging and 3D modelling to the field of forensic anthropology positional statement of the members of the forensic anthropology working group of the International Society of Forensic Radiology and Imaging. <i>Journal of Forensic Radiology and Imaging</i> , 2019 , 18, 18-19	1.3	6
41	Post-mortem cross-sectional imaging: are we running before we can walk?. <i>Forensic Science, Medicine, and Pathology</i> , 2013 , 9, 466	1.5	5

40	Use of post-mortem computed tomography in disaster victim identification. Updated positional statement of the members of the disaster victim identification working group of the International Society of Forensic Radiology and Imaging; July 2019. <i>Journal of Forensic Radiology and Imaging</i> , 2019 , 19, 100346	1.3	5
39	A look inside cardiopulmonary resuscitation: A 4D computed tomography model of simulated closed chest compression. A proof of concept. <i>Resuscitation</i> , 2020 , 153, 149-153	4	4
38	How taphonomic alteration affects the detection and imaging of striations in stab wounds. <i>International Journal of Legal Medicine</i> , 2018 , 132, 463-475	3.1	4
37	Forensic web watch. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2003 , 10, 129-31		4
36	The academic forensic pathologist : An endangered species?. <i>Forensic Science, Medicine, and Pathology</i> , 2005 , 1, 167-8	1.5	4
35	Identifying the correct cause of death: The role of post-mortem computed tomography in sudden unexplained death. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 210-212	1.3	3
34	Virtual autopsy. <i>Forensic Science, Medicine, and Pathology</i> , 2013 , 9, 433-4	1.5	3
33	Post-mortem computed tomography in adult non-suspicious death investigation-evaluation of an NHS based service. <i>BJR/Open</i> , 2019 , 1, 20190017	1.4	3
32	Pathological findings of a fatal leopard seal attack. <i>Forensic Science, Medicine, and Pathology</i> , 2007 , 3, 57-60	1.5	3
31	Post-mortem imaging of the infant and perinatal dura mater and superior sagittal sinus using optical coherence tomography. <i>International Journal of Legal Medicine</i> , 2017 , 131, 1377-1383	3.1	2
30	Post-mortem computed tomography visualised fire related post-mortem changes of the head. <i>Journal of Forensic Radiology and Imaging</i> , 2015 , 3, 235-237	1.3	2
29	High throughput adult cadaver axial imaging: service logistics and requirements. <i>Diagnostic Histopathology</i> , 2010 , 16, 573-577	0.7	2
28	Who audits the autopsy?. <i>Forensic Science, Medicine, and Pathology</i> , 2006 , 2, 71-2	1.5	2
27	Using freely-available 3D software to reconstruct traumatic bone injuries detected with post mortem computed tomography. <i>Forensic Science, Medicine, and Pathology</i> , 2020 , 16, 113-118	1.5	2
26	Optical coherence tomography of re-pressurised porcine coronary arteries: A systematic study. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 4, 53-57	1.3	2
25	Postmortem Computed Tomography: An Overview for Forensic Nurses Involved in Death Investigation. <i>Journal of Forensic Nursing</i> , 2020 , 16, 90-98	1.1	1
24	Future Evidence in Forensic Imaging 2017 , 576-585		1
23	Cardiothoracic ratio (CTR) measured on post-mortem computed tomography (PMCT) [Pre- and post-ventilation. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 4, 76-80	1.3	1

22	In response to the recently published article: Lottering, N., MacGregor, M.D., Barry, M.D., Reynolds, M.S., Gregory, L.S. (2014). Introducing standardized protocols for anthropological measurement of virtual sub-adult crania using computed tomography 2(1): 34-38. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 160	1.3	1
21	Changing roles. <i>Forensic Science, Medicine, and Pathology</i> , 2006 , 2, 147	1.5	1
20	Editorial. <i>Forensic Science, Medicine, and Pathology</i> , 2006 , 2, 1	1.5	1
19	Coronial postmortem reports and indirect COVID-19 pandemic-related mortality.. <i>Journal of Clinical Pathology</i> , 2022 ,	3.9	1
18	What has post-mortem computed tomography even done for forensic pathology?. <i>Diagnostic Histopathology</i> , 2020 , 26, 368-374	0.7	1
17	The Dismembered Body 2014 , 59-87		1
16	Autopsy assessment of pediatric head injury: a proposal for aerosol mitigation during the COVID-19 pandemic. <i>Forensic Science, Medicine, and Pathology</i> , 2021 , 17, 498-500	1.5	1
15	Estimation of postmortem interval using vitreous potassium levels in cases of fatal road traffic collision. <i>Archiwum Medycyny Sadowej I Kryminologii</i> , 2016 , 66, 71-82	0.3	1
14	Editorial. <i>Forensic Science, Medicine, and Pathology</i> , 2007 , 3, 1	1.5	1
13	PMCT images of a motorcycle helmet-associated fracture. <i>Forensic Science, Medicine, and Pathology</i> , 2017 , 13, 511-514	1.5	0
12	Compression asphyxia and other clinicopathological findings from the Hillsborough Stadium disaster. <i>Emergency Medicine Journal</i> , 2021 , 38, 798-802	1.5	0
11	Injuries sustained by children inside clothes dryers: a report of a fatality and review of the literature. <i>International Journal of Legal Medicine</i> , 2012 , 126, 461-5	3.1	
10	The Pathology of Wounds and Injuries 2010 , 104-114		
9	Plagiarism, duplication and institutional publication. <i>Forensic Science, Medicine, and Pathology</i> , 2007 , 3, 79-80	1.5	
8	Educational meetings. <i>Forensic Science, Medicine, and Pathology</i> , 2006 , 2, 219-20	1.5	
7	Welcome to Forensic science, medicine, and pathology. <i>Forensic Science, Medicine, and Pathology</i> , 2005 , 1, 1-2	1.5	
6	Editorial. <i>Forensic Science, Medicine, and Pathology</i> , 2005 , 1, 235	1.5	
5	The Cricoid Cartilage 2019 , 89-110		

4	The use of mid-arm circumference for the estimation of adult body weight: A post mortem computed tomography approach. <i>Forensic Imaging</i> , 2020 , 22, 200388	0.6
3	Targeted Coronary Postmortem Computed Tomography Angiography 2016 , 103-120	
2	Myocardial Infarction Due to Coronary Artery Injury following High Force Blunt Trauma to the Upper Chest: A Case Illustrating the Prehospital, Hospital and Autopsy Findings. <i>Prehospital Emergency Care</i> , 2020 , 24, 580-589	2.8
1	How Long Does It Take a Static Speaking Individual to Contaminate the Immediate Environment?. <i>Forensic Science, Medicine, and Pathology</i> , 2006 , 2, 157-164	1.5