Dominic Gascho

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.

121 974 14 27 g-index

131 1,234 2.3 4.59 ext. papers ext. citations avg, IF L-index

#	Paper	IF	Citations
121	Fundamentals of in situ postmortem magnetic resonance spectroscopy of the brain in the forensic framework - a review and outlook. <i>Forensic Imaging</i> , 2022 , 29, 200499	0.6	
120	Annular distribution patterns of .357 Magnum fragments in soft tissue simulants after striking hard material that prevented the bullet from exiting. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2021 , 85, 102286	1.7	
119	CT-based and morphological comparison of glenoid inclination and version angles and mineralisation distribution in human body donors. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 849	2.8	O
118	Current state of perinatal postmortem magnetic resonance imaging: European Society of Paediatric Radiology questionnaire-based survey and recommendations. <i>Pediatric Radiology</i> , 2021 , 51, 792-799	2.8	2
117	Gunshot wounds to the head: a comparison of postmortem magnetic resonance imaging, computed tomography, and autopsy. <i>Acta Radiologica</i> , 2021 , 284185121999999	2	1
116	Cinematic rendering of a burst sagittal suture caused by an occipito-frontal gunshot wound. <i>Forensic Science, Medicine, and Pathology</i> , 2021 , 17, 726-729	1.5	0
115	Looking deep into the past Dirtual autopsy of a Mongolian warrior. Forensic Imaging, 2021, 25, 200455	0.6	1
114	Intracerebral endotheliitis and microbleeds are neuropathological features of COVID-19. <i>Neuropathology and Applied Neurobiology</i> , 2021 , 47, 454-459	5.2	44
113	CT and MRI of a transcardiac gunshot wound with an annular distribution of bullet fragments surrounding an exit-re-entrance wound after the bullet burst from a floor tile upon exiting the lying body. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2021 , 77, 102087	1.7	1
112	Time- and Site-Dependent Postmortem Redistribution of Antidepressants and Neuroleptics in Blood and Alternative Matrices. <i>Journal of Analytical Toxicology</i> , 2021 , 45, 356-367	2.9	5
111	7-T MRI for brain virtual autopsy: a proof of concept in comparison to 3-T MRI and CT. <i>European Radiology Experimental</i> , 2021 , 5, 3	4.5	O
110	Beyond the visible spectrum - applying 3D multispectral full-body imaging to the VirtoScan system. <i>Forensic Science, Medicine, and Pathology,</i> 2021 , 17, 565-576	1.5	1
109	Comparison of MR Ultrashort Echo Time and Optimized 3D-Multiecho In-Phase Sequence to Computed Tomography for Assessment of the Osseous Craniocervical Junction. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 53, 1029-1039	5.6	3
108	Preliminary testing of an augmented reality headset as a DICOM viewer during autopsy. <i>Forensic Imaging</i> , 2020 , 23, 200417	0.6	1
107	Virtopsy of a gravid using computed tomography and magnetic resonance imaging. <i>Veterinary and Animal Science</i> , 2020 , 10, 100150	2.3	O
106	Feasibility, technique and accuracy of ultrasound-guided transurethral injections into the urinary sphincter of female cadavers: proof of concept. <i>BMC Urology</i> , 2020 , 20, 167	2.2	1
105	Postmortem Computed Tomography and Magnetic Resonance Imaging of an Abdominal Gunshot Wound. <i>American Journal of Forensic Medicine and Pathology</i> , 2020 , 41, 119-123	1	1

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104	Postmortem Magnetic Resonance Imaging and Postmortem Computed Tomography in Ligature and Manual Strangulation. <i>American Journal of Forensic Medicine and Pathology</i> , 2020 , 41, 97-103	1	1
103	Postmortem Computed Tomography and Magnetic Resonance Imaging of Gunshot Wounds to the Neck. <i>Journal of Forensic Sciences</i> , 2020 , 65, 1360-1364	1.8	4
102	Full virtual autopsy in a case of a suicidal transthoracic gunshot injury. Forensic Imaging, 2020, 21, 20036	& .6	4
101	FRACTURE MRI: Optimized 3D multi-echo in-phase sequence for bone damage assessment in craniocerebral gunshot injuries. <i>Diagnostic and Interventional Imaging</i> , 2020 , 101, 611-615	5.4	7
100	Visualization and material-based differentiation of lodged projectiles by extended CT scale and the dual-energy index. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2020 , 70, 101919	1.7	3
99	Experimental mummification-In the tracks of the ancient Egyptians. Clinical Anatomy, 2020, 33, 860-871	2.5	2
98	Pseudolesion in the right parafissural liver parenchyma on CT: The base is found in embryology and collagen content. <i>PLoS ONE</i> , 2020 , 15, e0221544	3.7	
97	The added value of postmortem magnetic resonance imaging in cases of hanging compared to postmortem computed tomography and autopsy. <i>Forensic Science, Medicine, and Pathology</i> , 2020 , 16, 234-242	1.5	1
96	In situ identification of Action 4, SECA and QD-PEP bullets from special police ammunitions by computed tomography. <i>Medicine, Science and the Law,</i> 2020 , 60, 188-195	1.1	1
95	Heavy metal in radiology: how to reliably differentiate between lodged copper and lead bullets using CT numbers. <i>European Radiology Experimental</i> , 2020 , 4, 43	4.5	2
94	Noninvasive analysis and identification of an intramuscular fluid collection by postmortem H-MRS in a case of a fatal motor vehicle accident. <i>International Journal of Legal Medicine</i> , 2020 , 134, 1167-1174	3.1	1
93	Comparison of the beta-hydroxybutyrate, glucose, and lactate concentrations derived from postmortem proton magnetic resonance spectroscopy and biochemical analysis for the diagnosis of fatal metabolic disorders. <i>International Journal of Legal Medicine</i> , 2020 , 134, 603-612	3.1	4
92	Hidden shot pellets on postmortem computed tomography and their utilization for radiologic identification of decedents. <i>Forensic Science, Medicine, and Pathology,</i> 2020 , 16, 340-344	1.5	1
91	Ongoing tissue changes in an experimentally mummified human leg. <i>Anatomical Record</i> , 2020 , 303, 308	5231095	5 0
90	Noninvasive in situ proton MRS in muscle tissue and bone marrow as a novel approach to identify previous freezing in a completely thawed cadaver. <i>NMR in Biomedicine</i> , 2020 , 33, e4220	4.4	0
89	Synergy of CT and MRI in detecting trajectories of lodged bullets in decedents and potential hazards concerning the heating and movement of bullets during MRI. <i>Forensic Science, Medicine, and Pathology,</i> 2020 , 16, 20-31	1.5	8
88	Early development of the Neanderthal ribcage reveals a different body shape at birth compared to modern humans. <i>Science Advances</i> , 2020 , 6,	14.3	2
87	The value of MRI for assessing danger to life in nonfatal strangulation. <i>Forensic Imaging</i> , 2020 , 22, 20039	98 .6	2

86	Evaluation of an acetated Ringer-based contrast material mixture for postmortem computed tomography angiography. <i>Diagnostic and Interventional Imaging</i> , 2020 , 101, 489-497	5.4	3
85	Noninvasive 7Itesla MRI of fatal craniocerebral gunshots - a glance into the future of radiologic wound ballistics. <i>Forensic Science, Medicine, and Pathology</i> , 2020 , 16, 595-604	1.5	3
84	Postmortem determination of hepatic steatosis. Comparing Rho/Z and fat fraction measurements on dual-energy CT for histological grading: A retrospective analysis. <i>Forensic Imaging</i> , 2020 , 23, 200422	0.6	
83	Communicating 3D data-interactive 3D PDF documents for expert reports and scientific publications in the field of forensic medicine. <i>International Journal of Legal Medicine</i> , 2020 , 134, 1175-17	183	2
82	Pseudolesion in the right parafissural liver parenchyma on CT: The base is found in embryology and collagen content 2020 , 15, e0221544		
81	Pseudolesion in the right parafissural liver parenchyma on CT: The base is found in embryology and collagen content 2020 , 15, e0221544		
8o	Pseudolesion in the right parafissural liver parenchyma on CT: The base is found in embryology and collagen content 2020 , 15, e0221544		
79	Pseudolesion in the right parafissural liver parenchyma on CT: The base is found in embryology and collagen content 2020 , 15, e0221544		
78	Flat chest projection in the detection and visualization of rib fractures: A cross-sectional study comparing curved and multiplanar reformation of computed tomography images in different reader groups. <i>Forensic Science International</i> , 2019 , 303, 109942	2.6	4
77	Identification of Bullets Based on Their Metallic Components and X-Ray Attenuation Characteristics at Different Energy Levels on CT. <i>American Journal of Roentgenology</i> , 2019 , 213, W105-W113	5.4	13
76	In situ postmortem ethanol quantification in the cerebrospinal fluid by non-water-suppressed proton MRS. <i>NMR in Biomedicine</i> , 2019 , 32, e4081	4.4	4
75	VirtoScan-on-Rails - an automated 3D imaging system for fast post-mortem whole-body surface documentation at autopsy tables. <i>Forensic Science, Medicine, and Pathology,</i> 2019 , 15, 198-212	1.5	4
74	Value of 3T craniocervical magnetic resonance imaging following nonfatal strangulation. <i>European Radiology</i> , 2019 , 29, 3458-3466	8	3
73	Explanation for the contradiction between the results of Diallo etlal. (doi:10.1016/j.jofri.2018.10.001) and Winklhofer etlal. (doi:10.1097/RLI.0000000000000032) in differentiating ferromagnetic from nonferromagnetic bullets by means of the dual-energy index.	1.3	2
72	Relevant findings on postmortem CT and postmortem MRI in hanging, ligature strangulation and manual strangulation and their additional value compared to autopsy - a systematic review. <i>Forensic Science, Medicine, and Pathology</i> , 2019 , 15, 84-92	1.5	20
71	The earliest known case of frontal sinus osteoma in man. <i>Clinical Anatomy</i> , 2019 , 32, 105-109	2.5	3
70	Pandora's box. Forensic Science, Medicine, and Pathology, 2018 , 14, 120-122	1.5	1
69	Application of 3D image fusion for radiological identification of decedents. <i>Journal of Forensic Radiology and Imaging</i> , 2018 , 13, 12-16	1.3	5

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68	Injury potential of thrown sharp kitchen and household utensils. <i>Forensic Science, Medicine, and Pathology</i> , 2018 , 14, 31-41	1.5	3	
67	Post-mortem computed tomography: Technical principles and recommended parameter settings for high-resolution imaging. <i>Medicine, Science and the Law,</i> 2018 , 58, 70-82	1.1	47	
66	The gas bubble sign-a reliable indicator of laryngeal fractures in hanging on post-mortem CT. <i>British Journal of Radiology</i> , 2018 , 91, 20170479	3.4	10	
65	Standardized medical image registration for radiological identification of decedents based on paranasal sinuses. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018 , 54, 96-101	1.7	13	
64	Thoracic trauma in fatal falls from height - Traumatic pneumopericardium correlates with height of fall and severe injury. <i>Forensic Science, Medicine, and Pathology</i> , 2018 , 14, 188-193	1.5	3	
63	Retained bullets in the head on computed tomography - Get the most out of iterative metal artifact reduction. <i>European Journal of Radiology</i> , 2018 , 103, 124-130	4.7	11	
62	Postmortem H-MRS-Detection of Ketone Bodies and Glucose in Diabetic Ketoacidosis. <i>International Journal of Legal Medicine</i> , 2018 , 132, 593-598	3.1	12	
61	Rapid and reliable detection of previous freezing of cerebral tissue by computed tomography and magnetic resonance imaging. <i>Forensic Science, Medicine, and Pathology</i> , 2018 , 14, 85-94	1.5	4	
60	Assessment of a specifically developed bullet casing gun for the stunning of water buffaloes. <i>Meat Science</i> , 2018 , 135, 74-78	6.4	3	
59	Detection of elevated ketone bodies by postmortem 1H-MRS in a case of fetal ketoacidosis. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018 , 59, 16-19	1.7	5	
58	Imaging findings of diabetes on post-mortem CT. <i>Journal of Forensic Radiology and Imaging</i> , 2018 , 13, 27-41	1.3	5	
57	Time-Dependent Postmortem Redistribution of Opioids in Blood and Alternative Matrices. <i>Journal of Analytical Toxicology</i> , 2018 , 42, 365-374	2.9	28	
56	Use of Postmortem Computed Tomography to Detect Bowel Obstruction and its Relationship to the Cause of Death. <i>American Journal of Forensic Medicine and Pathology</i> , 2018 , 39, 30-37	1	7	
55	Farewell, Green Sophie Hidden features of the 50 Swiss Franc banknote detected by computed tomography. <i>Journal of Forensic Radiology and Imaging</i> , 2018 , 14, 21-23	1.3		
54	Post-mortem computed tomography and post-mortem magnetic resonance imaging as triage tools for autopsy IA case report. <i>Journal of Forensic Radiology and Imaging</i> , 2018 , 14, 65-67	1.3	1	
53	VirtoScan - a mobile, low-cost photogrammetry setup for fast post-mortem 3D full-body documentations in x-ray computed tomography and autopsy suites. <i>Forensic Science, Medicine, and Pathology</i> , 2017 , 13, 34-43	1.5	15	
52	3 Tesla magnetic resonance imaging study of the normal canine femoral and sciatic nerves. <i>Veterinary Radiology and Ultrasound</i> , 2017 , 58, 598-606	1.2	2	
51	Time-dependent postmortem redistribution of morphine and its metabolites in blood and alternative matrices-application of CT-guided biopsy sampling. <i>International Journal of Legal Medicine</i> , 2017 , 131, 379-389	3.1	23	

50	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
49	Technical note: post mortem CT angiography of iliacofemoral arteries after cardiovascular surgery. Journal of Forensic Radiology and Imaging, 2017, 9, 40-43	1.3	1
48	The use of immunochromatographic rapid test for soft tissue remains identification in order to distinguish between human and non-human origin. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017 , 57, 165-168	2	1
47	Glenoid morphology in light of anatomical and reverse total shoulder arthroplasty: a dissection- and 3D-CT-based study in male and female body donors. <i>BMC Musculoskeletal Disorders</i> , 2017 , 18, 9	2.8	14
46	Movement of steel-jacketed projectiles in biological tissue in the magnetic field of a 3-T magnetic resonance unit. <i>International Journal of Legal Medicine</i> , 2017 , 131, 1363-1368	3.1	5
45	Neomorphosis and heterochrony of skull shape in dog domestication. <i>Scientific Reports</i> , 2017 , 7, 13443	4.9	30
44	A new method for estimating patient body weight using CT dose modulation data. <i>European Radiology Experimental</i> , 2017 , 1, 23	4.5	6
43	Postmortem distribution and redistribution of MDAI and 2-MAPB in blood and alternative matrices. <i>Forensic Science International</i> , 2017 , 279, 83-87	2.6	13
42	Magnetic resonance imaging of the tensor vastus intermedius: A topographic study based on anatomical dissections. <i>Clinical Anatomy</i> , 2017 , 30, 1096-1102	2.5	5
41	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
40	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
39	Death by "Snow"! A Fatal Forensic Case of Cocaine Leakage in a "Drug Mule" on Postmortem Computed and Magnetic Resonance Tomography Compared With Autopsy. <i>American Journal of Forensic Medicine and Pathology</i> , 2017 , 38, 339-344	1	3
38	Response to "regarding the sudden death of a juvenile with rare TdT-negative T-LBL/T-ALL, splenic rupture, and mediastinal mass". <i>Forensic Science, Medicine, and Pathology</i> , 2017 , 13, 397-398	1.5	
37	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
36	Life is like a box of chocolates Iyou never know what youlle gonna get! And sometimes things go missing. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 5, 71	1.3	
35	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
34	Postmortem computed tomography and magnetic resonance imaging facilitates forensic autopsy in a fatal case of poisoning with formic acid, diphenhydramine, and ethanol. <i>Forensic Science, Medicine, and Pathology</i> , 2016 , 12, 304-11	1.5	3
33	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

32	Charon's Coins. Forensic Science, Medicine, and Pathology, 2016 , 12, 384-7	1.5	5
31	A Fatal Case of a Ruptured Cerebral Aneurysm Detected by Postmortem Computed Tomography Angiography Using a New Contrast-Medium Solution. <i>American Journal of Forensic Medicine and Pathology</i> , 2016 , 37, 227-230	1	1
30	Papilledema as a Diagnostic Sign of Cerebral Edema on Postmortem Magnetic Resonance Imaging. <i>American Journal of Forensic Medicine and Pathology</i> , 2016 , 37, 264-269	1	O
29	Time-dependent postmortem redistribution of butyrfentanyl and its metabolites in blood and alternative matrices in a case of butyrfentanyl intoxication. <i>Forensic Science International</i> , 2016 , 266, 170-177	2.6	47
28	Very economical immersion pump feasibility for postmortem CT angiography. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 5, 8-14	1.3	14
27	A moot point! A homicide case report on ambiguous projectile movement on postmortem MR. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 5, 62-67	1.3	4
26	Ankh in the depth - Subdermal 3D art implants: Radiological identification with body modification. <i>Legal Medicine</i> , 2016 , 20, 12-4	1.9	3
25	Development of CT-guided biopsy sampling for time-dependent postmortem redistribution investigations in blood and alternative matricesproof of concept and application on two cases. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 1249-58	4.4	17
24	Forensic 3D surface documentation at the Institute of Forensic Medicine in Zurich	1.3	27
23	Magnetic resonance imaging and computer tomography of brain lesions in water buffaloes and cattle stunned with handguns or captive bolts. <i>Meat Science</i> , 2016 , 113, 35-40	6.4	13
22	A Mobile, Multi Camera Setup for 3D Full Body Imaging in Combination with Post-Mortem Computed Tomography Procedures 2016 ,		5
21	Splenic rupture and mediastinal mass associated with rare TdT-negative T-LBL/T-ALL lead to sudden death of a juvenile. <i>Forensic Science, Medicine, and Pathology</i> , 2016 , 12, 523-526	1.5	3
20	Developmental evidence for obstetric adaptation of the human female pelvis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 5227-32	11.5	103
19	Virtopsy on target! Virtobot hitting the bull?s eye. <i>Journal of Forensic Radiology and Imaging</i> , 2015 , 3, 136	1.3	
18	Postmortem angiography in computed tomography and magnetic resonance imaging in a case of fatal hemorrhage due to an arterio-venous malformation in the brain. <i>Legal Medicine</i> , 2015 , 17, 180-3	1.9	8
17	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
16	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
15	Postmortem computed tomography-angiography (PMCTA) in decomposed bodies IA feasibility study. <i>Journal of Forensic Radiology and Imaging</i> , 2015 , 3, 226-234	1.3	8

14	Aortojejunal fistula. <i>Journal of Forensic Radiology and Imaging</i> , 2015 , 3, 101	1.3	2
13	The influence of 1.5 and 3 T magnetic resonance unit magnetic fields on the movement of steel-jacketed projectiles in ordnance gelatin. <i>Forensic Science, Medicine, and Pathology,</i> 2015 , 11, 544-5	51 ^{1.5}	9
12	The invisible gorilla! A visual note of inattentional blindness. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 221	1.3	О
11	The tip of the tip of the knife: Stab sequence reconstruction using postmortem CT in a homicide case. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 205-209	1.3	9
10	Make no bones about! A whole-body postmortem computed tomography of a train fatality. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 219-220	1.3	
9	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
8	Patent foramen ovale as incidental finding in postmortem computed tomography angiography. Journal of Forensic Radiology and Imaging, 2014 , 2, 143-145	1.3	
7	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
6	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
5	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
4	Puzzling over intracranial gas: Disclosing a pitfall on postmortem computed tomography in a case of fatal blunt trauma. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 137-141	1.3	5
3	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
2	Pitfalls in post-mortem CT-angiographyintravascular contrast induces post-mortem pericardial effusion. <i>Legal Medicine</i> , 2013 , 15, 315-7	1.9	7
1	Bone marrow edema induced by a bullet after a self-inflicted accidental firing. <i>Legal Medicine</i> , 2013 , 15, 329-31	1.9	3