

# Michael J Thali

## 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.

147  
papers

2,928  
citations

25  
h-index

51  
g-index

152  
ext. papers

3,304  
ext. citations

2.5  
avg, IF

5.11  
L-index

#	Paper	IF	Citations
147	Reconstruction of full femora from partial bone fragments for anthropological analyses using statistical shape modeling.. <i>Forensic Science International</i> , <b>2022</b> , 332, 111196	2.6	0
146	Influence of Radiation Dose, Photon Energy, and Reconstruction Kernel on rho/z Analysis in Spectral Computer Tomography: A Phantom Study.. <i>In Vivo</i> , <b>2022</b> , 36, 678-686	2.3	0
145	Benefits and outcomes of a new multidisciplinary approach for the management and financing of sudden unexplained death cases in a forensic setting in Switzerland.. <i>Forensic Science International</i> , <b>2022</b> , 334, 111240	2.6	0
144	Effects of blood loss on organ attenuation on postmortem CT and organ weight at autopsy. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 1	3.1	
143	Influence of Radiation Dose and Reconstruction Kernel on Fat Fraction Analysis in Dual-energy CT: A Phantom Study. <i>In Vivo</i> , <b>2021</b> , 35, 3147-3155	2.3	0
142	Gunshot wounds to the head: a comparison of postmortem magnetic resonance imaging, computed tomography, and autopsy. <i>Acta Radiologica</i> , <b>2021</b> , 284185121999999	2	1
141	A review of visualization techniques of post-mortem computed tomography data for forensic death investigations. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 1855-1867	3.1	2
140	An algorithm for automatically generating gas, bone and foreign body visualizations from postmortem computed tomography data. <i>Forensic Science, Medicine, and Pathology</i> , <b>2021</b> , 17, 254-261	1.5	
139	Evaluation of the mediastinal-thoracic volume ratio on postmortem computed tomography. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 1903-1912	3.1	0
138	Cinematic rendering of a burst sagittal suture caused by an occipito-frontal gunshot wound. <i>Forensic Science, Medicine, and Pathology</i> , <b>2021</b> , 17, 726-729	1.5	0
137	CT and MRI of a transcadiac 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> , <b>2021</b> , 77, 102087	1.7	1
136	7-T MRI for brain virtual autopsy: a proof of concept in comparison to 3-T MRI and CT. <i>European Radiology Experimental</i> , <b>2021</b> , 5, 3	4.5	0
135	Unenhanced PMCT in the diagnosis of fatal traumatic brain injury in a charred body. <i>Journal of Clinical Forensic and Legal Medicine</i> , <b>2021</b> , 77, 102093	1.7	1
134	Semiautomated robotic, CT-guided needle placement for postmortem CSF sampling ▯ Novel application of the Virtobot <b>2021</b> , 14, 75-79		2
133	Diagnostic accuracy of postmortem computed tomography for bleeding source determination in cases with hemoperitoneum. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 593-603	3.1	0
132	Correlation of age, sex and season with the state of human decomposition as quantified by postmortem computed tomography. <i>Forensic Science, Medicine, and Pathology</i> , <b>2021</b> , 17, 185-191	1.5	1
131	Prevalence of calcified epiglottis in postmortem computed tomography. Is there a correlation to failed endotracheal intubation?. <i>Dentomaxillofacial Radiology</i> , <b>2021</b> , 50, 20200615	3.9	

130	Beyond the visible spectrum - applying 3D multispectral full-body imaging to the VirtoScan system. <i>Forensic Science, Medicine, and Pathology</i> , <b>2021</b> , 17, 565-576	1.5	1
129	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> , <b>2021</b> , 53, 1029-1039	5.6	3
128	Virtopsy of a gravid using computed tomography and magnetic resonance imaging. <i>Veterinary and Animal Science</i> , <b>2020</b> , 10, 100150	2.3	0
127	Postmortem Computed Tomography and Magnetic Resonance Imaging of an Abdominal Gunshot Wound. <i>American Journal of Forensic Medicine and Pathology</i> , <b>2020</b> , 41, 119-123	1	1
126	Postmortem Magnetic Resonance Imaging and Postmortem Computed Tomography in Ligature and Manual Strangulation. <i>American Journal of Forensic Medicine and Pathology</i> , <b>2020</b> , 41, 97-103	1	1
125	Persistence and detection of touch DNA and blood stain DNA on pig skin exposed to water. <i>Forensic Science, Medicine, and Pathology</i> , <b>2020</b> , 16, 243-251	1.5	3
124	Postmortem Computed Tomography and Magnetic Resonance Imaging of Gunshot Wounds to the Neck. <i>Journal of Forensic Sciences</i> , <b>2020</b> , 65, 1360-1364	1.8	4
123	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> , <b>2020</b> , 70, 101919	1.7	3
122	Pseudolesion in the right parafissural liver parenchyma on CT: The base is found in embryology and collagen content. <i>PLoS ONE</i> , <b>2020</b> , 15, e0221544	3.7	
121	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> , <b>2020</b> , 16, 234-242	1.5	1
120	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> , <b>2020</b> , 60, 188-195	1.1	1
119	Heavy metal in radiology: how to reliably differentiate between lodged copper and lead bullets using CT numbers. <i>European Radiology Experimental</i> , <b>2020</b> , 4, 43	4.5	2
118	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> , <b>2020</b> , 134, 1167-1174	3.1	1
117	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> , <b>2020</b> , 134, 603-612	3.1	4
116	Hidden shot pellets on postmortem computed tomography and their utilization for radiologic identification of decedents. <i>Forensic Science, Medicine, and Pathology</i> , <b>2020</b> , 16, 340-344	1.5	1
115	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> , <b>2020</b> , 33, e4220	4.4	0
114	Cardiac conduction devices in the radiologic comparative identification of decedents. <i>Forensic Science, Medicine, and Pathology</i> , <b>2020</b> , 16, 157-165	1.5	
113	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> , <b>2020</b> , 16, 20-31	1.5	8

112	Noninvasive 7T MRI of fatal craniocerebral gunshots - a glance into the future of radiologic wound ballistics. <i>Forensic Science, Medicine, and Pathology</i> , <b>2020</b> , 16, 595-604	1.5	3
111	The possibility of identifying brain hemorrhage in putrefied bodies with PMCT. <i>Forensic Science, Medicine, and Pathology</i> , <b>2020</b> , 16, 571-576	1.5	3
110	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> , <b>2020</b> , 134, 1175-1183	3.1	2
109	Postmortem imaging findings and cause of death determination compared with autopsy: a systematic review of diagnostic test accuracy and meta-analysis. <i>International Journal of Legal Medicine</i> , <b>2020</b> , 134, 321-337	3.1	34
108	Pseudolesion in the right parafissural liver parenchyma on CT: The base is found in embryology and collagen content <b>2020</b> , 15, e0221544		
107	Pseudolesion in the right parafissural liver parenchyma on CT: The base is found in embryology and collagen content <b>2020</b> , 15, e0221544		
106	Pseudolesion in the right parafissural liver parenchyma on CT: The base is found in embryology and collagen content <b>2020</b> , 15, e0221544		
105	Pseudolesion in the right parafissural liver parenchyma on CT: The base is found in embryology and collagen content <b>2020</b> , 15, e0221544		
104	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> , <b>2019</b> , 303, 109942	2.6	4
103	Left myocardial wall measurements on postmortem imaging compared to autopsy. <i>Cardiovascular Pathology</i> , <b>2019</b> , 43, 107149	3.8	5
102	3D mug shot-3D head models from photogrammetry for forensic identification. <i>Forensic Science International</i> , <b>2019</b> , 300, 6-12	2.6	11
101	In situ postmortem ethanol quantification in the cerebrospinal fluid by non-water-suppressed proton MRS. <i>NMR in Biomedicine</i> , <b>2019</b> , 32, e4081	4.4	4
100	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> , <b>2019</b> , 15, 198-212	1.5	4
99	Approaching pulmonary fat embolism on postmortem computed tomography. <i>International Journal of Legal Medicine</i> , <b>2019</b> , 133, 1879-1887	3.1	2
98	CT-based sex estimation on human femora using statistical shape modeling. <i>American Journal of Physical Anthropology</i> , <b>2019</b> , 169, 279-286	2.5	11
97	Value of 3T craniocervical magnetic resonance imaging following nonfatal strangulation. <i>European Radiology</i> , <b>2019</b> , 29, 3458-3466	8	3
96	Computationally approximated solution for the equation for Henssge's time of death estimation. <i>BMC Medical Informatics and Decision Making</i> , <b>2019</b> , 19, 201	3.6	2
95	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

94	Pandora's box. <i>Forensic Science, Medicine, and Pathology</i> , <b>2018</b> , 14, 120-122	1.5	1
93	Injury potential of thrown sharp kitchen and household utensils. <i>Forensic Science, Medicine, and Pathology</i> , <b>2018</b> , 14, 31-41	1.5	3
92	Post-mortem computed tomography: Technical principles and recommended parameter settings for high-resolution imaging. <i>Medicine, Science and the Law</i> , <b>2018</b> , 58, 70-82	1.1	47
91	Standardized medical image registration for radiological identification of decedents based on paranasal sinuses. <i>Journal of Clinical Forensic and Legal Medicine</i> , <b>2018</b> , 54, 96-101	1.7	13
90	Thoracic trauma in fatal falls from height - Traumatic pneumopericardium correlates with height of fall and severe injury. <i>Forensic Science, Medicine, and Pathology</i> , <b>2018</b> , 14, 188-193	1.5	3
89	Case-study of a user-driven prosthetic arm design: bionic hand versus customized body-powered technology in a highly demanding work environment. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2018</b> , 15, 1	5.3	65
88	Retained bullets in the head on computed tomography - Get the most out of iterative metal artifact reduction. <i>European Journal of Radiology</i> , <b>2018</b> , 103, 124-130	4.7	11
87	Postmortem H-MRS-Detection of Ketone Bodies and Glucose in Diabetic Ketoacidosis. <i>International Journal of Legal Medicine</i> , <b>2018</b> , 132, 593-598	3.1	12
86	Rapid and reliable detection of previous freezing of cerebral tissue by computed tomography and magnetic resonance imaging. <i>Forensic Science, Medicine, and Pathology</i> , <b>2018</b> , 14, 85-94	1.5	4
85	Gadolinium Distribution in Cerebrospinal Fluid after Administration of a Gadolinium-based MR Contrast Agent in Humans. <i>Radiology</i> , <b>2018</b> , 288, 703-709	20.5	33
84	Application of Cinematic Rendering in Clinical Routine CT Examination of Ankle Sprains. <i>American Journal of Roentgenology</i> , <b>2018</b> , 211, 887-890	5.4	8
83	Fatal anaphylactic reaction to intravenous gadobutrol, a gadolinium-based MRI contrast agent. <i>Radiology Case Reports</i> , <b>2018</b> , 13, 299-301	1	10
82	Death by hanging: a retrospective case-control investigation of the intervertebral disc vacuum phenomenon on PMCT. <i>Forensic Science, Medicine, and Pathology</i> , <b>2018</b> , 14, 484-496	1.5	3
81	Comparing fist size to heart size is not a viable technique to assess cardiomegaly. <i>Cardiovascular Pathology</i> , <b>2018</b> , 36, 1-5	3.8	5
80	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> , <b>2017</b> , 13, 34-43	1.5	15
79	Fatal bronchovascular fistula after lobectomy visualized through postmortem computed tomography angiography: A case report. <i>Forensic Science, Medicine, and Pathology</i> , <b>2017</b> , 13, 234-239	1.5	5
78	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
77	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

76	Unexpected brain finding in pre-autopsy postmortem CT. <i>Forensic Science, Medicine, and Pathology</i> , <b>2017</b> , 13, 367-371	1.5	4
75	Technical note: post mortem CT angiography of iliacofemoral arteries after cardiovascular surgery. <i>Journal of Forensic Radiology and Imaging</i> , <b>2017</b> , 9, 40-43	1.3	1
74	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> , <b>2017</b> , 57, 165-168	2	1
73	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
72	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> , <b>2017</b> , 18, 9	2.8	14
71	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> , <b>2017</b> , 131, 1363-1368	3.1	5
70	Tension pneumopericardium following suicidal stab wounds to the chest. <i>Forensic Science, Medicine, and Pathology</i> , <b>2017</b> , 13, 464-467	1.5	2
69	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
68	Post-mortem CT imaging of the lungs: pathological versus non-pathological findings. <i>Radiologia Medica</i> , <b>2017</b> , 122, 902-908	6.5	27
67	Automatic detection of hemorrhagic pericardial effusion on PMCT using deep learning - a feasibility study. <i>Forensic Science, Medicine, and Pathology</i> , <b>2017</b> , 13, 426-431	1.5	22
66	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
65	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> , <b>2017</b> , 13, 397-398	1.5	
64	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
63	Life is like a box of chocolates ☹️you never know what you're gonna get! ☹️And sometimes things go missing. <i>Journal of Forensic Radiology and Imaging</i> , <b>2016</b> , 5, 71	1.3	
62	Neurochemical profile of the human cervical spinal cord determined by MRS. <i>NMR in Biomedicine</i> , <b>2016</b> , 29, 1464-76	4.4	5
61	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
60	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> , <b>2016</b> , 12, 304-11	1.5	3
59	Charon's Coins. <i>Forensic Science, Medicine, and Pathology</i> , <b>2016</b> , 12, 384-7	1.5	5

58	A moot point! A homicide case report on ambiguous projectile movement on postmortem MR. <i>Journal of Forensic Radiology and Imaging</i> , <b>2016</b> , 5, 62-67	1.3	4
57	Ankh in the depth - Subdermal 3D art implants: Radiological identification with body modification. <i>Legal Medicine</i> , <b>2016</b> , 20, 12-4	1.9	3
56	Development of CT-guided biopsy sampling for time-dependent postmortem redistribution investigations in blood and alternative matrices--proof of concept and application on two cases. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 1249-58	4.4	17
55	Pulmonary thromboembolism on unenhanced postmortem computed tomography: Feasibility and findings. <i>Legal Medicine</i> , <b>2016</b> , 20, 68-74	1.9	12
54	Multi-camera system for 3D forensic documentation. <i>Forensic Science International</i> , <b>2016</b> , 261, 123-8	2.6	25
53	Why We Need Postmortem Analysis of Cardiac Implantable Electronic Devices. <i>Journal of Forensic Sciences</i> , <b>2016</b> , 61, 988-92	1.8	11
52	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> , <b>2016</b> , 12, 523-526	1.5	3
51	No shit [Abdominal calcification based identification of a decomposed body. <i>Journal of Forensic Radiology and Imaging</i> , <b>2016</b> , 5, 68-69	1.3	
50	Stabbing energy and force required for pocket-knives to pierce ribs. <i>Forensic Science, Medicine, and Pathology</i> , <b>2016</b> , 12, 394-398	1.5	11
49	Virtopsy on target! Virtobot hitting the bull's eye. <i>Journal of Forensic Radiology and Imaging</i> , <b>2015</b> , 3, 136	1.3	
48	Forensic imaging in an unusual postmortem case of sigmoid volvulus. <i>Journal of Forensic Radiology and Imaging</i> , <b>2015</b> , 3, 186-188	1.3	2
47	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> , <b>2015</b> , 17, 180-3	1.9	8
46	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
45	A fatal case of electrocution with unique forensic radiological postmortem findings. <i>Forensic Science, Medicine, and Pathology</i> , <b>2015</b> , 11, 589-95	1.5	3
44	Diagnostic Accuracy of Quantitative and Qualitative Phase-Contrast Imaging for the ex Vivo Characterization of Human Coronary Atherosclerotic Plaques. <i>Radiology</i> , <b>2015</b> , 277, 64-72	20.5	10
43	Imaging and virtual autopsy: looking back and forward. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 370,	5.8	47
42	Cat CAT-scan: Postmortem imaging and autopsy of two cats. <i>Journal of Forensic Radiology and Imaging</i> , <b>2015</b> , 3, 80-86	1.3	9
41	Made up by makeup--A case report about an exceptional kind of self-inflicted "injuries". <i>Forensic Science International</i> , <b>2015</b> , 257, e32-e37	2.6	1

40	Tantalum markers identification. <i>Journal of Forensic Radiology and Imaging</i> , <b>2015</b> , 3, 100	1.3	1
39	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> , <b>2015</b> , 11, 544-548	1.5	9
38	Postmortem magnetic resonance imaging: Reproducing typical autopsy heart measurements. <i>Legal Medicine</i> , <b>2015</b> , 17, 493-8	1.9	14
37	Fatal gunshot to a fox: The Virtopsy approach in a forensic veterinary case. <i>Journal of Forensic Radiology and Imaging</i> , <b>2015</b> , 3, 72-75	1.3	13
36	Improving post-mortem surface documentation with a CT mounted marker board. <i>Journal of Forensic Radiology and Imaging</i> , <b>2014</b> , 2, 213-216	1.3	2
35	Virtobot 2.0: the future of automated surface documentation and CT-guided needle placement in forensic medicine. <i>Forensic Science, Medicine, and Pathology</i> , <b>2014</b> , 10, 179-86	1.5	48
34	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
33	The role of post-mortem CT (PMCT) imaging in the diagnosis of pericardial tamponade due to hemopericardium: A case report. <i>Legal Medicine</i> , <b>2014</b> , 16, 150-3	1.9	17
32	The influence of tibial morphology on the design of an anatomical tibial baseplate for TKA. <i>Knee</i> , <b>2014</b> , 21, 415-9	2.6	13
31	Anomalous left coronary artery origin on postmortem imaging in correlation with autopsy. <i>Journal of Forensic Radiology and Imaging</i> , <b>2014</b> , 2, 146-148	1.3	2
30	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
29	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> , <b>2014</b> , 2, 129-131	1.3	
28	Forensic relevance of post-mortem CT imaging of the haemopericardium in determining the cause of death. <i>Legal Medicine</i> , <b>2014</b> , 16, 247-51	1.9	13
27	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> , <b>2013</b> , 1, 137-141	1.3	5
26	Minimally invasive postmortem telebiopsy. <i>Journal of Forensic Sciences</i> , <b>2012</b> , 57, 528-30	1.8	12
25	"Brienzi" - The blue Vivianite man of Switzerland: Time since death estimation of an adipocere body. <i>Forensic Science International</i> , <b>2011</b> , 211, 34-40	2.6	24
24	Virtobot--a multi-functional robotic system for 3D surface scanning and automatic post mortem biopsy. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , <b>2010</b> , 6, 18-27	2.9	44
23	Non-Contact Documentation of Physical Characteristics of Ecstasy Tablets, Hemp Coins, and Imprint Punches by using 3D Optical Surface Scanning. <i>Journal of the Canadian Society of Forensic Science</i> , <b>2008</b> , 41, 191-198	0.5	3



22	VIRTOPSY - the Swiss virtual autopsy approach. <i>Legal Medicine</i> , <b>2007</b> , 9, 100-4	1.9	128
21	Forensic veterinary radiology: ballistic-radiological 3D computertomographic reconstruction of an illegal lynx shooting in Switzerland. <i>Forensic Science International</i> , <b>2007</b> , 171, 63-6	2.6	24
20	VIRTOPSY: minimally invasive, imaging-guided virtual autopsy. <i>Radiographics</i> , <b>2006</b> , 26, 1305-33	5.4	304
19	Dental CT imaging as a screening tool for dental profiling: advantages and limitations. <i>Journal of Forensic Sciences</i> , <b>2006</b> , 51, 113-9	1.8	79
18	VIRTOPSY--scientific documentation, reconstruction and animation in forensic: individual and real 3D data based geo-metric approach including optical body/object surface and radiological CT/MRI scanning. <i>Journal of Forensic Sciences</i> , <b>2005</b> , 50, 428-42	1.8	39
17	Forensic radiology in German-speaking area. <i>Forensic Science International</i> , <b>2004</b> , 144, 233-42	2.6	7
16	New horizons in forensic radiology: the 60-second digital autopsy-full-body examination of a gunshot victim by multislice computed tomography. <i>American Journal of Forensic Medicine and Pathology</i> , <b>2003</b> , 24, 22-7	1	79
15	Optical 3D surface digitizing in forensic medicine: 3D documentation of skin and bone injuries. <i>Forensic Science International</i> , <b>2003</b> , 137, 203-8	2.6	96
14	'Morphological imprint': determination of the injury-causing weapon from the wound morphology using forensic 3D/CAD-supported photogrammetry. <i>Forensic Science International</i> , <b>2003</b> , 132, 177-81	2.6	52
13	Image-guided virtual autopsy findings of gunshot victims performed with multi-slice computed tomography and magnetic resonance imaging and subsequent correlation between radiology and autopsy findings. <i>Forensic Science International</i> , <b>2003</b> , 138, 8-16	2.6	148
12	Virtopsy, a New Imaging Horizon in Forensic Pathology: Virtual Autopsy by Postmortem Multislice Computed Tomography (MSCT) and Magnetic Resonance Imaging (MRI) Feasibility Study. <i>Journal of Forensic Sciences</i> , <b>2003</b> , 48, 2002166	1.8	392
11	Forensic Microradiology: Micro-Computed Tomography (Micro-CT) and Analysis of Patterned Injuries Inside of Bone. <i>Journal of Forensic Sciences</i> , <b>2003</b> , 48, 2002220	1.8	44
10	3D Surface and Body Documentation in Forensic Medicine: 3-D/CAD Photogrammetry Merged with 3D Radiological Scanning. <i>Journal of Forensic Sciences</i> , <b>2003</b> , 48, 2003118	1.8	32
9	Virtopsy, a new imaging horizon in forensic pathology: virtual autopsy by postmortem multislice computed tomography (MSCT) and magnetic resonance imaging (MRI)--a feasibility study. <i>Journal of Forensic Sciences</i> , <b>2003</b> , 48, 386-403	1.8	158
8	Forensic microradiology: micro-computed tomography (Micro-CT) and analysis of patterned injuries inside of bone. <i>Journal of Forensic Sciences</i> , <b>2003</b> , 48, 1336-42	1.8	24
7	3D surface and body documentation in forensic medicine: 3-D/CAD Photogrammetry merged with 3D radiological scanning. <i>Journal of Forensic Sciences</i> , <b>2003</b> , 48, 1356-65	1.8	23
6	A "skin-skull-brain model" for the biomechanical reconstruction of blunt forces to the human head. <i>Forensic Science International</i> , <b>2002</b> , 125, 195-200	2.6	43
5	High-speed documented experimental gunshot to a skull-brain model and radiologic virtual autopsy. <i>American Journal of Forensic Medicine and Pathology</i> , <b>2002</b> , 23, 223-8	1	44

4	Forensic radiology with cross-section modalities: spiral CT evaluation of a knife wound to the aorta. <i>Journal of Forensic Sciences</i> , <b>2002</b> , 47, 1041-5	1.8	8
3	Charred body: virtual autopsy with multi-slice computed tomography and magnetic resonance imaging. <i>Journal of Forensic Sciences</i> , <b>2002</b> , 47, 1326-31	1.8	25
2	Evaluation of Prostate-Specific Antigen (PSA) Membrane Test Assays for the Forensic Identification of Seminal Fluid. <i>Journal of Forensic Sciences</i> , <b>1999</b> , 44, 12042J	1.8	99
1	Thank God it's Friday? Correlation of the beginning and end of the week in general and Christmas holidays in particular with manner of death. <i>Rechtsmedizin</i> , 1	0.6	