Akihito Usui

List of Publications by Year
in descending order

34	306	933264 10	940416 16
papers	citations	h-index	g-index

34	34	34	344
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diagnosis of drowning using post-mortem computed tomography based on the volume and density of fluid accumulation in the maxillary and sphenoid sinuses. European Journal of Radiology, 2013, 82, e562-e566.	1.2	33
2	Assessment of the relationship between drowning and fluid accumulation in the paranasal sinuses on post-mortem computed tomography. European Journal of Radiology, 2012, 81, 3953-3955.	1.2	29
3	Postmortem lung features in drowning cases on computed tomography. Japanese Journal of Radiology, 2014, 32, 414-420.	1.0	29
4	The prevalence of morphological changes in the thoracolumbar spine on whole-spine computed tomographic images. Insights Into Imaging, 2014, 5, 77-83.	1.6	27
5	Hypothermic death: Possibility of diagnosis by post-mortem computed tomography. European Journal of Radiology, 2013, 82, 361-365.	1.2	19
6	Distinction between saltwater drowning and freshwater drowning by assessment of sinus fluid on post-mortem computed tomography. European Radiology, 2016, 26, 1186-1190.	2.3	15
7	Age estimation by ossification of thyroid cartilage of Japanese males using Bayesian analysis of postmortem CT images. Legal Medicine, 2017, 25, 29-35.	0.6	13
8	Cardiac Output Obtained from Test Bolus Injections as a Factor in Contrast Injection Rate Revision of Following Coronary CT Angiography. Acta Radiologica, 2012, 53, 1107-1111.	0.5	12
9	Functionalization and Magnetic Relaxation of Ferrite Nanoparticles for Theranostics. IEEE Transactions on Magnetics, 2018, 54, 1-7.	1.2	12
10	Usefulness and limitations of postmortem computed tomography in forensic analysis of gunshot injuries: Three case reports. Legal Medicine, 2016, 18, 98-103.	0.6	11
11	A Deep Learning Aided Drowning Diagnosis for Forensic Investigations using Post-Mortem Lung CT Images. , 2020, 2020, 1262-1265.		11
12	Postmortem computed tomography images of a broken piece of a weapon in the skull. Japanese Journal of Radiology, 2012, 30, 167-170.	1.0	10
13	Sex determination of the pelvis using Fourier analysis of postmortem CT images. Forensic Science International, 2015, 246, 122.e1-122.e9.	1.3	10
14	A quantitative morphological analysis of three-dimensional CT coxal bone images of contemporary Japanese using homologous models for sex and age estimation. Legal Medicine, 2019, 36, 1-8.	0.6	10
15	Usefulness of postmortem computed tomography before forensic autopsy for alerting forensic personnel to tuberculosis infection. Japanese Journal of Radiology, 2012, 30, 612-615.	1.0	9
16	Radiological analysis of a naturally mummified body. Japanese Journal of Radiology, 2012, 30, 458-462.	1.0	8
17	Postmortem Computed Tomographic Analysis of Death Caused by Oral Drug Intoxication. Tohoku Journal of Experimental Medicine, 2017, 242, 183-192.	0.5	7
18	Postmortem radiography of gastromalacia: case reports. Japanese Journal of Radiology, 2013, 31, 637-641.	1.0	6

#	Article	IF	Citations
19	Post-mortem computed tomography findings of the lungs: Retrospective review and comparison with autopsy results of 30 infant cases. European Journal of Radiology, 2015, 84, 721-725.	1.2	5
20	PMCT findings of intervertebral separation. Journal of Forensic Radiology and Imaging, 2014, 2, 182-187.	1.2	4
21	Sudden death due to a cystic lesion in the cerebellum. Forensic Science International, 2014, 245, e25-e28.	1.3	4
22	A case of fatal sigmoid volvulus visualized on postmortem radiography: The importance of image optimization with multidetector computed tomography. Legal Medicine, 2016, 19, 32-34.	0.6	4
23	A Case Report of Postmortem Radiography of Acute, Fatal Abdominal Distension After Binge Eating. American Journal of Forensic Medicine and Pathology, 2016, 37, 223-226.	0.4	3
24	Post-mortem computed tomography of cervical intervertebral separation: Retrospective review and comparison of the autopsy results of 57 separations. Journal of Forensic Radiology and Imaging, 2018, 12, 57-63.	1.2	3
25	Sex estimation of the pelvis by deep learning of two-dimensional depth images generated from homologous models of three-dimensional computed tomography images. Forensic Science International: Reports, 2020, 2, 100129.	0.4	3
26	Sudden, unexpected infant death due to pulmonary arterial hypertension. Legal Medicine, 2014, 16, 44-47.	0.6	2
27	An autopsy case of death due to metabolic acidosis after citric acid ingestion. Legal Medicine, 2015, 17, 532-534.	0.6	2
28	Deep CNN-Based Computer-Aided Diagnosis for Drowning Detection using Post-mortem Lungs CT Images. , 2021, , .		2
29	Postmortem computed tomography suggests the possibility of fatal asphyxiation by mochi, Japanese rice cakes: A case report of postmortem radiologic findings. Journal of Forensic Radiology and Imaging, 2016, 6, 42-45.	1.2	1
30	Block-like and cast-like hyperdense areas in the right heart cavities on post-mortem CT strongly suggest the presence of intracardiac blood clots at autopsy. European Radiology, 2021, 31, 8879-8886.	2.3	1
31	Cervical intervertebral separation caused by trauma on post-mortem computed tomography: Possibility of a diagnosis based on intervertebral gas. Forensic Science International, 2022, 330, 111049.	1.3	1
32	Unexpected infant death due to hypoplastic left heart syndrome: A case report. Legal Medicine, 2011, 13, 293-297.	0.6	0
33	Virtual three-dimensional reconstruction of the antemortem posture by postmortem computed tomography. Journal of Forensic Radiology and Imaging, 2013, 1, 215-217.	1.2	0
34	Magnetic Relaxation and Modification of Thiol Groups on Coâ€Mg Ferrite Nanoparticles for Theranostics. ChemNanoMat, 0, , .	1.5	0