

Akihito Usui

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

306
citations

933264

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940416

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all docs

34
docs citations

34
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Cervical intervertebral separation caused by trauma on post-mortem computed tomography: Possibility of a diagnosis based on intervertebral gas. <i>Forensic Science International</i> , 2022, 330, 111049.	1.3	1
2	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. <i>European Radiology</i> , 2021, 31, 8879-8886.	2.3	1
3	Deep CNN-Based Computer-Aided Diagnosis for Drowning Detection using Post-mortem Lungs CT Images. , 2021, , .		2
4	A Deep Learning Aided Drowning Diagnosis for Forensic Investigations using Post-Mortem Lung CT Images. , 2020, 2020, 1262-1265.		11
5	Sex estimation of the pelvis by deep learning of two-dimensional depth images generated from homologous models of three-dimensional computed tomography images. <i>Forensic Science International: Reports</i> , 2020, 2, 100129.	0.4	3
6	A quantitative morphological analysis of three-dimensional CT coxal bone images of contemporary Japanese using homologous models for sex and age estimation. <i>Legal Medicine</i> , 2019, 36, 1-8.	0.6	10
7	Post-mortem computed tomography of cervical intervertebral separation: Retrospective review and comparison of the autopsy results of 57 separations. <i>Journal of Forensic Radiology and Imaging</i> , 2018, 12, 57-63.	1.2	3
8	Functionalization and Magnetic Relaxation of Ferrite Nanoparticles for Theranostics. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-7.	1.2	12
9	Age estimation by ossification of thyroid cartilage of Japanese males using Bayesian analysis of postmortem CT images. <i>Legal Medicine</i> , 2017, 25, 29-35.	0.6	13
10	Postmortem Computed Tomographic Analysis of Death Caused by Oral Drug Intoxication. <i>Tohoku Journal of Experimental Medicine</i> , 2017, 242, 183-192.	0.5	7
11	A Case Report of Postmortem Radiography of Acute, Fatal Abdominal Distension After Binge Eating. <i>American Journal of Forensic Medicine and Pathology</i> , 2016, 37, 223-226.	0.4	3
12	Postmortem computed tomography suggests the possibility of fatal asphyxiation by mochi, Japanese rice cakes: A case report of postmortem radiologic findings. <i>Journal of Forensic Radiology and Imaging</i> , 2016, 6, 42-45.	1.2	1
13	A case of fatal sigmoid volvulus visualized on postmortem radiography: The importance of image optimization with multidetector computed tomography. <i>Legal Medicine</i> , 2016, 19, 32-34.	0.6	4
14	Usefulness and limitations of postmortem computed tomography in forensic analysis of gunshot injuries: Three case reports. <i>Legal Medicine</i> , 2016, 18, 98-103.	0.6	11
15	Distinction between saltwater drowning and freshwater drowning by assessment of sinus fluid on post-mortem computed tomography. <i>European Radiology</i> , 2016, 26, 1186-1190.	2.3	15
16	An autopsy case of death due to metabolic acidosis after citric acid ingestion. <i>Legal Medicine</i> , 2015, 17, 532-534.	0.6	2
17	Sex determination of the pelvis using Fourier analysis of postmortem CT images. <i>Forensic Science International</i> , 2015, 246, 122.e1-122.e9.	1.3	10
18	Post-mortem computed tomography findings of the lungs: Retrospective review and comparison with autopsy results of 30 infant cases. <i>European Journal of Radiology</i> , 2015, 84, 721-725.	1.2	5

#	ARTICLE	IF	CITATIONS
19	The prevalence of morphological changes in the thoracolumbar spine on whole-spine computed tomographic images. <i>Insights Into Imaging</i> , 2014, 5, 77-83.	1.6	27
20	PMCT findings of intervertebral separation. <i>Journal of Forensic Radiology and Imaging</i> , 2014, 2, 182-187.	1.2	4
21	Sudden death due to a cystic lesion in the cerebellum. <i>Forensic Science International</i> , 2014, 245, e25-e28.	1.3	4
22	Sudden, unexpected infant death due to pulmonary arterial hypertension. <i>Legal Medicine</i> , 2014, 16, 44-47.	0.6	2
23	Postmortem lung features in drowning cases on computed tomography. <i>Japanese Journal of Radiology</i> , 2014, 32, 414-420.	1.0	29
24	Postmortem radiography of gastromalacia: case reports. <i>Japanese Journal of Radiology</i> , 2013, 31, 637-641.	1.0	6
25	Diagnosis of drowning using post-mortem computed tomography based on the volume and density of fluid accumulation in the maxillary and sphenoid sinuses. <i>European Journal of Radiology</i> , 2013, 82, e562-e566.	1.2	33
26	Virtual three-dimensional reconstruction of the antemortem posture by postmortem computed tomography. <i>Journal of Forensic Radiology and Imaging</i> , 2013, 1, 215-217.	1.2	0
27	Hypothermic death: Possibility of diagnosis by post-mortem computed tomography. <i>European Journal of Radiology</i> , 2013, 82, 361-365.	1.2	19
28	Cardiac Output Obtained from Test Bolus Injections as a Factor in Contrast Injection Rate Revision of Following Coronary CT Angiography. <i>Acta Radiologica</i> , 2012, 53, 1107-1111.	0.5	12
29	Assessment of the relationship between drowning and fluid accumulation in the paranasal sinuses on post-mortem computed tomography. <i>European Journal of Radiology</i> , 2012, 81, 3953-3955.	1.2	29
30	Usefulness of postmortem computed tomography before forensic autopsy for alerting forensic personnel to tuberculosis infection. <i>Japanese Journal of Radiology</i> , 2012, 30, 612-615.	1.0	9
31	Radiological analysis of a naturally mummified body. <i>Japanese Journal of Radiology</i> , 2012, 30, 458-462.	1.0	8
32	Postmortem computed tomography images of a broken piece of a weapon in the skull. <i>Japanese Journal of Radiology</i> , 2012, 30, 167-170.	1.0	10
33	Unexpected infant death due to hypoplastic left heart syndrome: A case report. <i>Legal Medicine</i> , 2011, 13, 293-297.	0.6	0
34	Magnetic Relaxation and Modification of Thiol Groups on Co ²⁺ /Mg Ferrite Nanoparticles for Theranostics. <i>ChemNanoMat</i> , 0, , .	1.5	0