

Ayumi Motomura

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

500
citations

567144

15
h-index

713332

21
g-index

41
all docs

41
docs citations

41
times ranked

521
citing authors

#	ARTICLE	IF	CITATIONS
1	Stature estimation in Japanese cadavers using the sacral and coccygeal length measured with multidetector computed tomography. <i>Legal Medicine</i> , 2014, 16, 14-19.	0.6	39
2	Bilateral middle cerebral artery infarction associated with traumatic common carotid artery dissection: A case report and review of literature. <i>Forensic Science International</i> , 2014, 236, e1-e4.	1.3	29
3	Morphometric analysis of sex differences in contemporary Japanese pelvis using multidetector computed tomography. <i>Forensic Science International</i> , 2015, 257, 530.e1-530.e7.	1.3	29
4	Estimation of sex in Japanese cadavers based on sternal measurements using multidetector computed tomography. <i>Legal Medicine</i> , 2015, 17, 226-231.	0.6	28
5	Stature estimation based on radial and ulnar lengths using three-dimensional images from multidetector computed tomography in a Japanese population. <i>Legal Medicine</i> , 2014, 16, 181-186.	0.6	27
6	Sex estimation based on scapula analysis in a Japanese population using multidetector computed tomography. <i>Forensic Science International</i> , 2016, 262, 285.e1-285.e5.	1.3	26
7	Frequency and influencing factors of cardiopulmonary resuscitation-related injuries during implementation of the American Heart Association 2010 Guidelines: a retrospective study based on autopsy and postmortem computed tomography. <i>International Journal of Legal Medicine</i> , 2017, 131, 1655-1663.	1.2	26
8	Effects of the freezing and thawing process on biomechanical properties of the human skull. <i>Legal Medicine</i> , 2014, 16, 102-105.	0.6	24
9	Sudden death due to coronary artery dissection associated with fibromuscular dysplasia revealed by postmortem selective computed tomography coronary angiography: A case report. <i>Forensic Science International</i> , 2015, 253, e10-e15.	1.3	24
10	Stature estimation in Japanese cadavers based on the second cervical vertebra measured using multidetector computed tomography. <i>Legal Medicine</i> , 2015, 17, 145-149.	0.6	20
11	Stature estimation from skull measurements using multidetector computed tomographic images: A Japanese forensic sample. <i>Legal Medicine</i> , 2016, 18, 75-80.	0.6	20
12	Statistical analysis of biomechanical properties of the adult skull and age-related structural changes by sex in a Japanese forensic sample. <i>Forensic Science International</i> , 2014, 234, 185.e1-185.e9.	1.3	19
13	Differences in biomechanical properties and thickness among frontal and parietal bones in a Japanese sample. <i>Forensic Science International</i> , 2015, 252, 190.e1-190.e6.	1.3	17
14	Sex determination based on sacral and coccygeal measurements using multidetector computed tomography in a contemporary Japanese population. <i>Journal of Forensic Radiology and Imaging</i> , 2017, 9, 8-12.	1.2	17
15	Differences between postmortem CT and autopsy in death investigation of cervical spine injuries. <i>Forensic Science International</i> , 2017, 281, 44-51.	1.3	16
16	Sexual determination based on multidetector computed tomographic measurements of the second cervical vertebra in a contemporary Japanese population. <i>Forensic Science International</i> , 2016, 266, 588.e1-588.e6.	1.3	15
17	Fatal <i>Clostridium perfringens</i> septicemia suggested by postmortem computed tomography: A medico-legal autopsy case report. <i>Forensic Science International</i> , 2015, 253, e4-e9.	1.3	12
18	Age estimation based on maturation of the medial clavicular epiphysis in a Japanese population using multidetector computed tomography. <i>Legal Medicine</i> , 2019, 37, 28-32.	0.6	12

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19	Diagnosis of drowning by summation of sodium, potassium, and chloride ion levels in sphenoidal sinus fluid: Differentiating between freshwater and seawater drowning and its application to brackish water and bathtub deaths. <i>Forensic Science International</i> , 2018, 284, 219-225.	1.3	11
20	Stature estimation based on femoral measurements in the modern Japanese population: a cadaveric study using multidetector computed tomography. <i>International Journal of Legal Medicine</i> , 2018, 132, 1485-1491.	1.2	10
21	Sex estimation based on femoral measurements using multidetector computed tomography in cadavers in modern Japan. <i>Forensic Science International</i> , 2018, 292, 262.e1-262.e6.	1.3	9
22	Postmortem CT and MRI findings of massive fat embolism. <i>International Journal of Legal Medicine</i> , 2020, 134, 669-678.	1.2	9
23	Sex assessment based on clavicular measurements in a modern Japanese population using multidetector computed tomography. <i>Forensic Science International</i> , 2018, 285, 207.e1-207.e5.	1.3	8
24	Pre-autopsy computed tomography accurately detected cerebral hemorrhage in highly decomposed bodies: Report of two cases. <i>Forensic Science International</i> , 2013, 231, e33-e36.	1.3	7
25	Statistical analysis of biomechanical properties of the adult sagittal suture using a bending method in a Japanese forensic sample. <i>Forensic Science International</i> , 2015, 249, 101-106.	1.3	7
26	Stature estimation based on measurements of the sternal medullary cavity using multidetector computed tomography images of Japanese cadavers. <i>Forensic Science International</i> , 2014, 242, 299.e1-299.e5.	1.3	6
27	A case of acute subdural hematoma due to ruptured aneurysm detected by postmortem angiography. <i>International Journal of Legal Medicine</i> , 2016, 130, 441-446.	1.2	6
28	Trends in forensic autopsy in Chiba prefecture over the past decade. <i>Legal Medicine</i> , 2014, 16, 258-263.	0.6	5
29	Incidence of three-rooted mandibular first molars among contemporary Japanese individuals determined using multidetector computed tomography. <i>Legal Medicine</i> , 2016, 22, 9-12.	0.6	3
30	Fatal right coronary artery rupture following blunt chest trauma: detection by postmortem selective coronary angiography. <i>International Journal of Legal Medicine</i> , 2016, 130, 759-763.	1.2	3
31	Postmortem angiography revealing traumatic rupture of the intracranial internal carotid artery. <i>International Journal of Legal Medicine</i> , 2018, 132, 589-592.	1.2	3
32	Observation of vertebral artery damage using angioscopy in autopsy cases. <i>International Journal of Legal Medicine</i> , 2014, 128, 979-985.	1.2	2
33	Search and removal of radioactive seeds: another application of postmortem computed tomography prior to autopsy. <i>International Journal of Legal Medicine</i> , 2016, 130, 1329-1332.	1.2	2
34	A rare autopsy case of traumatic rhabdomyolysis associated with intermittent assault. <i>Legal Medicine</i> , 2016, 20, 40-43.	0.6	2
35	Streptococcal toxic shock syndrome with fatal outcome: Report on four forensic autopsy cases. <i>Legal Medicine</i> , 2021, 50, 101851.	0.6	2
36	Ropinirole involved in a fatal case: blood and urinary concentrations. <i>Forensic Toxicology</i> , 0, , 1.	1.4	2

#	ARTICLE	IF	CITATIONS
37	SmartAmp method can rapidly detect SARS-CoV-2 in dead bodies. <i>Forensic Science International</i> , 2022, 331, 111168.	1.3	2
38	A fatal case of adult small bowel volvulus. <i>Legal Medicine</i> , 2014, 16, 300-302.	0.6	1
39	Forensic study of <i>Schistosoma japonicum</i> eggs found in an autopsy case. <i>Parasitology International</i> , 2016, 65, 285-287.	0.6	0
40	The composition of chlorinated or oxidized phosphatidylcholine products changes with hypochlorite concentration: Application to abscess lipid analysis. <i>Legal Medicine</i> , 2020, 46, 101724.	0.6	0