

# Ayumi Motomura

## List of Publications by Citations

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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.

40  
papers

366  
citations

12  
h-index

17  
g-index

41  
ext. papers

437  
ext. citations

2.4  
avg, IF

2.64  
L-index

#	Paper	IF	Citations
40	Stature estimation in Japanese cadavers using the sacral and coccygeal length measured with multidetector computed tomography. <i>Legal Medicine</i> , <b>2014</b> , 16, 14-9	1.9	33
39	Bilateral middle cerebral artery infarction associated with traumatic common carotid artery dissection: a case report and review of literature. <i>Forensic Science International</i> , <b>2014</b> , 236, e1-4	2.6	27
38	Stature estimation based on radial and ulnar lengths using three-dimensional images from multidetector computed tomography in a Japanese population. <i>Legal Medicine</i> , <b>2014</b> , 16, 181-6	1.9	25
37	Morphometric analysis of sex differences in contemporary Japanese pelvises using multidetector computed tomography. <i>Forensic Science International</i> , <b>2015</b> , 257, 530.e1-530.e7	2.6	24
36	Estimation of sex in Japanese cadavers based on sternal measurements using multidetector computed tomography. <i>Legal Medicine</i> , <b>2015</b> , 17, 226-31	1.9	21
35	Sex estimation based on scapula analysis in a Japanese population using multidetector computed tomography. <i>Forensic Science International</i> , <b>2016</b> , 262, 285.e1-5	2.6	20
34	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> , <b>2015</b> , 253, e10-5	2.6	19
33	Stature estimation in Japanese cadavers based on the second cervical vertebra measured using multidetector computed tomography. <i>Legal Medicine</i> , <b>2015</b> , 17, 145-9	1.9	18
32	Effects of the freezing and thawing process on biomechanical properties of the human skull. <i>Legal Medicine</i> , <b>2014</b> , 16, 102-5	1.9	17
31	Stature estimation from skull measurements using multidetector computed tomographic images: A Japanese forensic sample. <i>Legal Medicine</i> , <b>2016</b> , 18, 75-80	1.9	15
30	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> , <b>2017</b> , 131, 1655-1663	3.1	14
29	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> , <b>2014</b> , 234, 185.e1-9	2.6	13
28	Differences in biomechanical properties and thickness among frontal and parietal bones in a Japanese sample. <i>Forensic Science International</i> , <b>2015</b> , 252, 190.e1-6	2.6	12
27	Sexual determination based on multidetector computed tomographic measurements of the second cervical vertebra in a contemporary Japanese population. <i>Forensic Science International</i> , <b>2016</b> , 266, 588.e1-588.e6	2.6	12
26	Fatal <i>Clostridium perfringens</i> septicemia suggested by postmortem computed tomography: A medico-legal autopsy case report. <i>Forensic Science International</i> , <b>2015</b> , 253, e4-9	2.6	11
25	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> , <b>2017</b> , 9, 8-12	1.3	10
24	Differences between postmortem CT and autopsy in death investigation of cervical spine injuries. <i>Forensic Science International</i> , <b>2017</b> , 281, 44-51	2.6	10

23	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> , <b>2018</b> , 132, 1485-1491	3.1	7
22	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> , <b>2018</b> , 284, 219-225	2.6	6
21	Sex assessment based on clavicular measurements in a modern Japanese population using multidetector computed tomography. <i>Forensic Science International</i> , <b>2018</b> , 285, 207.e1-207.e5	2.6	6
20	Stature estimation based on measurements of the sternal medullary cavity using multidetector computed tomography images of Japanese cadavers. <i>Forensic Science International</i> , <b>2014</b> , 242, 299.e1-299.e5	3.6	6
19	Pre-autopsy computed tomography accurately detected cerebral hemorrhage in highly decomposed bodies: report of two cases. <i>Forensic Science International</i> , <b>2013</b> , 231, e33-6	2.6	5
18	Statistical analysis of biomechanical properties of the adult sagittal suture using a bending method in a Japanese forensic sample. <i>Forensic Science International</i> , <b>2015</b> , 249, 101-6	2.6	5
17	Age estimation based on maturation of the medial clavicular epiphysis in a Japanese population using multidetector computed tomography. <i>Legal Medicine</i> , <b>2019</b> , 37, 28-32	1.9	5
16	Postmortem CT and MRI findings of massive fat embolism. <i>International Journal of Legal Medicine</i> , <b>2020</b> , 134, 669-678	3.1	4
15	A case of acute subdural hematoma due to ruptured aneurysm detected by postmortem angiography. <i>International Journal of Legal Medicine</i> , <b>2016</b> , 130, 441-6	3.1	3
14	Sex estimation based on femoral measurements using multidetector computed tomography in cadavers in modern Japan. <i>Forensic Science International</i> , <b>2018</b> , 292, 262.e1-262.e6	2.6	3
13	Postmortem angiography revealing traumatic rupture of the intracranial internal carotid artery. <i>International Journal of Legal Medicine</i> , <b>2018</b> , 132, 589-592	3.1	2
12	Incidence of three-rooted mandibular first molars among contemporary Japanese individuals determined using multidetector computed tomography. <i>Legal Medicine</i> , <b>2016</b> , 22, 9-12	1.9	2
11	A rare autopsy case of traumatic rhabdomyolysis associated with intermittent assault. <i>Legal Medicine</i> , <b>2016</b> , 20, 40-3	1.9	2
10	Fatal right coronary artery rupture following blunt chest trauma: detection by postmortem selective coronary angiography. <i>International Journal of Legal Medicine</i> , <b>2016</b> , 130, 759-63	3.1	2
9	Trends in forensic autopsy in Chiba prefecture over the past decade. <i>Legal Medicine</i> , <b>2014</b> , 16, 258-63	1.9	2
8	Search and removal of radioactive seeds: another application of postmortem computed tomography prior to autopsy. <i>International Journal of Legal Medicine</i> , <b>2016</b> , 130, 1329-32	3.1	1
7	A fatal case of adult small bowel volvulus. <i>Legal Medicine</i> , <b>2014</b> , 16, 300-2	1.9	1
6	Observation of vertebral artery damage using angioscopy in autopsy cases. <i>International Journal of Legal Medicine</i> , <b>2014</b> , 128, 979-85	3.1	1

5	Streptococcal toxic shock syndrome with fatal outcome: Report on four forensic autopsy cases. <i>Legal Medicine</i> , <b>2021</b> , 50, 101851	1.9	1
4	Ropinirole involved in a fatal case: blood and urinary concentrations. <i>Forensic Toxicology</i> , 1	2.6	1
3	SmartAmp method can rapidly detect SARS-CoV-2 in dead bodies.. <i>Forensic Science International</i> , <b>2021</b> , 331, 111168	2.6	0
2	The composition of chlorinated or oxidized phosphatidylcholine products changes with hypochlorite concentration: Application to abscess lipid analysis. <i>Legal Medicine</i> , <b>2020</b> , 46, 101724	1.9	
1	Forensic study of <i>Schistosoma japonicum</i> eggs found in an autopsy case. <i>Parasitology International</i> , <b>2016</b> , 65, 285-7	2.1	