

Ping Huang

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.

52
papers

443
citations

12
h-index

17
g-index

59
ext. papers

590
ext. citations

3
avg, IF

3.39
L-index

#	Paper	IF	Citations
52	Investigation of early biochemical alterations in myocardia of the diabetic db/db mice by FTIR microspectroscopy combined with machine learning.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 277, 121263	4.4	0
51	Non/mini-invasive monitoring of diabetes-induced myocardial damage by Fourier transform infrared spectroscopy: Evidence from biofluids.. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022 , 166445	6.9	1
50	Postmortem chest computed tomography for the diagnosis of drowning: a feasibility study. <i>Forensic Sciences Research</i> , 2021 , 6, 152-158	3.6	2
49	Post-mortem evaluation of the pathological degree of myocardial infarction by Fourier transform infrared microspectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 268, 120630	4.4	2
48	Exploring metabolic alterations associated with death from asphyxia and the differentiation of asphyxia from sudden cardiac death by GC-HRMS-based untargeted metabolomics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1171, 122638	3.2	3
47	Identification of fatal hypothermia via attenuated total reflection Fourier transform infrared spectroscopy of rabbit vitreous humour. <i>Australian Journal of Forensic Sciences</i> , 2021 , 53, 27-39	1.1	2
46	An efficient method for building a database of diatom populations for drowning site inference using a deep learning algorithm. <i>International Journal of Legal Medicine</i> , 2021 , 135, 817-827	3.1	1
45	Fourier-transform infrared microspectroscopy of pulmonary edema fluid for postmortem diagnosis of diabetic ketoacidosis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 258, 119882	4.4	2
44	The Use of Gas Chromatography Coupled with High-Resolution Mass Spectrometry-Based Untargeted Metabolomics to Discover Metabolic Changes and Help in the Determination of Complex Causes of Death: A Preliminary Study. <i>ACS Omega</i> , 2021 , 6, 2100-2109	3.9	2
43	Research advances in forensic diatom testing. <i>Forensic Sciences Research</i> , 2020 , 5, 98-105	3.6	11
42	Characterization and postmortem diagnosis of fatal heatstroke using Attenuated Total Reflectance Fourier transform infrared spectroscopy combined with chemometrics. <i>Spectroscopy Letters</i> , 2020 , 53, 372-382	1.1	2
41	The approach of virtual autopsy (VIRTOPSY) by postmortem multi-slice computed tomography (PMCT) in China for forensic pathology. <i>Forensic Imaging</i> , 2020 , 20, 200361	0.6	3
40	Determination of causes of death via spectrochemical analysis of forensic autopsies-based pulmonary edema fluid samples with deep learning algorithm. <i>Journal of Biophotonics</i> , 2020 , 13, e201960144	3.1	5
39	Finite element analysis to determine the cause of ring fractures in a motorcyclist's head. <i>Legal Medicine</i> , 2020 , 45, 101697	1.9	2
38	Predicting postmortem interval based on microbial community sequences and machine learning algorithms. <i>Environmental Microbiology</i> , 2020 , 22, 2273-2291	5.2	12
37	Identifying muscle hemorrhage in rat cadavers with advanced decomposition by FT-IR microspectroscopy combined with chemometrics. <i>Legal Medicine</i> , 2020 , 47, 101748	1.9	5
36	Novel insights into wound age estimation: combined with "up, no change, or down" system and cosine similarity in python environment. <i>International Journal of Legal Medicine</i> , 2020 , 134, 2177-2186	3.1	5

35	Estimation of the age of human semen stains by attenuated total reflection Fourier transform infrared spectroscopy: a preliminary study. <i>Forensic Sciences Research</i> , 2020 , 5, 119-125	3.6	16
34	Digital whole-slide image analysis for automated diatom test in forensic cases of drowning using a convolutional neural network algorithm. <i>Forensic Science International</i> , 2019 , 302, 109922	2.6	19
33	Postmortem diagnosis of fatal hypothermia/hyperthermia by spectrochemical analysis of plasma. <i>Forensic Science, Medicine, and Pathology</i> , 2019 , 15, 332-341	1.5	3
32	Biochemical detection of fatal hypothermia and hyperthermia in affected rat hypothalamus tissues by Fourier transform infrared spectroscopy. <i>Bioscience Reports</i> , 2019 , 39,	4.1	4
31	An investigation on annular cartilage samples for post-mortem interval estimation using Fourier transform infrared spectroscopy. <i>Forensic Science, Medicine, and Pathology</i> , 2019 , 15, 521-527	1.5	3
30	Bibliometric Analysis of Medical Malpractice Literature in Legal Medicine from 1975 to 2018: Web of Science Review. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2019 , 66, 167-183	1.7	8
29	Post-mortem interval estimation in rat liver tissues using attenuated total reflection Fourier transform infrared spectroscopy combined with chemometrics. <i>Australian Journal of Forensic Sciences</i> , 2019 , 51, 527-537	1.1	2
28	Identification of Pulmonary Edema in Forensic Autopsy Cases of Sudden Cardiac Death Using Fourier Transform Infrared Microspectroscopy: A Pilot Study. <i>Analytical Chemistry</i> , 2018 , 90, 2708-2715	7.8	16
27	Identification of pulmonary edema in forensic autopsy cases of fatal anaphylactic shock using Fourier transform infrared microspectroscopy. <i>International Journal of Legal Medicine</i> , 2018 , 132, 477-486	2.1	12
26	Attenuated total reflectance Fourier transform infrared (ATR-FTIR) spectral prediction of postmortem interval from vitreous humor samples. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 7611-7620	4.4	7
25	Preliminary study on fatal hyperthermia in rat liver tissue by Fourier transform infrared microspectroscopy. <i>Australian Journal of Forensic Sciences</i> , 2017 , 49, 468-478	1.1	4
24	Application of MALDI-TOF MS for Estimating the Postmortem Interval in Rat Muscle Samples. <i>Journal of Forensic Sciences</i> , 2017 , 62, 1345-1350	1.8	12
23	Changes in Attenuated Total Reflection Fourier Transform Infrared Spectra as Blood Dries Out. <i>Journal of Forensic Sciences</i> , 2017 , 62, 761-767	1.8	12
22	Estimation of the age of human bloodstains under the simulated indoor and outdoor crime scene conditions by ATR-FTIR spectroscopy. <i>Scientific Reports</i> , 2017 , 7, 13254	4.9	25
21	MALDI-TOF MS as a Novel Tool for the Estimation of Postmortem Interval in Liver Tissue Samples. <i>Scientific Reports</i> , 2017 , 7, 4887	4.9	10
20	Application of Fourier transform infrared spectroscopy with chemometrics on postmortem interval estimation based on pericardial fluids. <i>Scientific Reports</i> , 2017 , 7, 18013	4.9	21
19	Diagnosis of coronary artery disease using targeted post-mortem computed tomography coronary angiography: a case report. <i>Forensic Sciences Research</i> , 2017 , 2, 107-111	3.6	8
18	Post-mortem computed tomography angiography using left ventricle cardiac puncture: A whole-body, angiographic approach. <i>PLoS ONE</i> , 2017 , 12, e0183408	3.7	9

17	Research progress in the estimation of the postmortem interval by Chinese forensic scholars. <i>Forensic Sciences Research</i> , 2016 , 1, 3-13	3.6	30
16	Diagnosis of a Cerebral Arteriovenous Malformation Using Isolated Brain Computed Tomography Angiography: Case Report. <i>American Journal of Forensic Medicine and Pathology</i> , 2016 , 37, 201-4	1	5
15	Characterization of the Postmortem Interval by Infrared Microscopy. <i>Analytical Letters</i> , 2016 , 49, 290-298.2		3
14	The binding property of a monoclonal antibody against the extracellular domains of aquaporin-4 directs aquaporin-4 toward endocytosis. <i>Biochemistry and Biophysics Reports</i> , 2016 , 7, 77-83	2.2	10
13	High avidity chimeric monoclonal antibodies against the extracellular domains of human aquaporin-4 competing with the neuromyelitis optica autoantibody, NMO-IgG. <i>British Journal of Pharmacology</i> , 2016 , 173, 103-14	8.6	6
12	Infrared (IR) spectral markers of bronchial epithelia in victims of fatal burns. <i>Applied Spectroscopy</i> , 2014 , 68, 165-71	3.1	1
11	Finite element analysis of pedestrian lower limb fractures by direct force: the result of being run over or impact?. <i>Forensic Science International</i> , 2013 , 229, 43-51	2.6	26
10	Post-mortem MSCT diagnosis of acute pericardial tamponade caused by blunt trauma to the chest in a motor-vehicle collision. <i>Romanian Journal of Legal Medicine</i> , 2012 , 20, 117-122	1.7	12
9	Preparation of Monolithic Imprinted Stationary Phase for Clenbuterol by In Situ Polymerization and Application in Biological Samples Pretreatment. <i>Chromatographia</i> , 2011 , 74, 693-701	2.1	14
8	Attenuated total reflection Fourier transform infrared spectroscopic investigation of the postmortem metabolic process in rat and human kidney cortex. <i>Applied Spectroscopy</i> , 2010 , 64, 268-74	3.1	16
7	Role of aldose reductase in the high glucose induced expression of fibronectin in human mesangial cells. <i>Molecular Biology Reports</i> , 2010 , 37, 3017-21	2.8	5
6	Aldose reductase is a potent regulator of TGF- β induced expression of fibronectin in human mesangial cells. <i>Molecular Biology Reports</i> , 2010 , 37, 3097-103	2.8	11
5	Estimation of Postmortem Interval in Rat Liver and Spleen Using Fourier Transform Infrared Spectroscopy. <i>Spectroscopy Letters</i> , 2009 , 42, 108-116	1.1	16
4	Analysis of postmortem metabolic changes in rat kidney cortex using Fourier transform infrared spectroscopy. <i>Spectroscopy</i> , 2008 , 22, 21-31		20
3	Genetic polymorphisms of 15 STR loci in Chinese Hui population. <i>Journal of Forensic Sciences</i> , 2005 , 50, 1508-9	1.8	8
2	Preliminary study on the mechanisms of ankle injuries under falling and impact conditions based on the THUMS model. <i>Forensic Sciences Research</i> , 1-10	3.6	1
1	Use of deep learning in forensic sex estimation of virtual pelvic models from the Han population. <i>Forensic Sciences Research</i> , 1-10	3.6	0