

Ping Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6866898/publications.pdf>

Version: 2024-02-01

52
papers

706
citations

567281
15
h-index

677142
22
g-index

59
all docs

59
docs citations

59
times ranked

585
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Research progress in the estimation of the postmortem interval by Chinese forensic scholars. Forensic Sciences Research, 2016, 1, 3-13. | 1.6 | 39 |
| 2 | Digital whole-slide image analysis for automated diatom test in forensic cases of drowning using a convolutional neural network algorithm. Forensic Science International, 2019, 302, 109922. | 2.2 | 39 |
| 3 | Predicting postmortem interval based on microbial community sequences and machine learning algorithms. Environmental Microbiology, 2020, 22, 2273-2291. | 3.8 | 39 |
| 4 | Estimation of the age of human bloodstains under the simulated indoor and outdoor crime scene conditions by ATR-FTIR spectroscopy. Scientific Reports, 2017, 7, 13254. | 3.3 | 38 |
| 5 | Application of Fourier transform infrared spectroscopy with chemometrics on postmortem interval estimation based on pericardial fluids. Scientific Reports, 2017, 7, 18013. | 3.3 | 35 |
| 6 | Finite element analysis of pedestrian lower limb fractures by direct force: The result of being run over or impact?. Forensic Science International, 2013, 229, 43-51. | 2.2 | 33 |
| 7 | Research advances in forensic diatom testing. Forensic Sciences Research, 2020, 5, 98-105. | 1.6 | 28 |
| 8 | Estimation of the age of human semen stains by attenuated total reflection Fourier transform infrared spectroscopy: a preliminary study. Forensic Sciences Research, 2020, 5, 119-125. | 1.6 | 25 |
| 9 | Analysis of postmortem metabolic changes in rat kidney cortex using Fourier transform infrared spectroscopy. Spectroscopy, 2008, 22, 21-31. | 0.8 | 21 |
| 10 | Identification of Pulmonary Edema in Forensic Autopsy Cases of Sudden Cardiac Death Using Fourier Transform Infrared Microspectroscopy: A Pilot Study. Analytical Chemistry, 2018, 90, 2708-2715. | 6.5 | 20 |
| 11 | Estimation of Postmortem Interval in Rat Liver and Spleen Using Fourier Transform Infrared Spectroscopy. Spectroscopy Letters, 2009, 42, 108-116. | 1.0 | 17 |
| 12 | Preparation of Monolithic Imprinted Stationary Phase for Clenbuterol by In Situ Polymerization and Application in Biological Samples Pretreatment. Chromatographia, 2011, 74, 693-701. | 1.3 | 17 |
| 13 | Application of MALDI-TOF MS for Estimating the Postmortem Interval in Rat Muscle Samples. Journal of Forensic Sciences, 2017, 62, 1345-1350. | 1.6 | 17 |
| 14 | Changes in Attenuated Total Reflection Fourier Transform Infrared Spectra as Blood Dries Out. Journal of Forensic Sciences, 2017, 62, 761-767. | 1.6 | 17 |
| 15 | MALDI-TOF MS as a Novel Tool for the Estimation of Postmortem Interval in Liver Tissue Samples. Scientific Reports, 2017, 7, 4887. | 3.3 | 17 |
| 16 | Bibliometric Analysis of Medical Malpractice Literature in Legal Medicine from 1975 to 2018: Web of Science Review. Journal of Clinical Forensic and Legal Medicine, 2019, 66, 167-183. | 1.0 | 17 |
| 17 | Attenuated Total Reflection Fourier Transform Infrared Spectroscopic Investigation of the Postmortem Metabolic Process in Rat and Human Kidney Cortex. Applied Spectroscopy, 2010, 64, 268-274. | 2.2 | 16 |
| 18 | Attenuated total reflectance Fourier transform infrared (ATR-FTIR) spectral prediction of postmortem interval from vitreous humor samples. Analytical and Bioanalytical Chemistry, 2018, 410, 7611-7620. | 3.7 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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. | 1.3 | 15 |
| 20 | 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. | 2.2 | 15 |
| 21 | Aldose reductase is a potent regulator of TGF- β 21 induced expression of fibronectin in human mesangial cells. <i>Molecular Biology Reports</i> , 2010, 37, 3097-3103. | 2.3 | 12 |
| 22 | Determination of causes of death via spectrochemical analysis of forensic autopsiesâ€¢based pulmonary edema fluid samples with deep learning algorithm. <i>Journal of Biophotonics</i> , 2020, 13, e201960144. | 2.3 | 12 |
| 23 | 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. | 0.3 | 12 |
| 24 | 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. | 2.3 | 11 |
| 25 | Post-mortem computed tomography angiography using left ventricle cardiac puncture: A whole-body, angiographic approach. <i>PLoS ONE</i> , 2017, 12, e0183408. | 2.5 | 11 |
| 26 | High avidity chimeric monoclonal antibodies against the extracellular domains of human aquaporinâ€¢4 competing with the neuromyelitis optica autoantibody, NMOâ€¢IgG. <i>British Journal of Pharmacology</i> , 2016, 173, 103-114. | 5.4 | 10 |
| 27 | 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. | 1.6 | 10 |
| 28 | Identifying muscle hemorrhage in rat cadavers with advanced decomposition by FT-IR microspectroscopy combined with chemometrics. <i>Legal Medicine</i> , 2020, 47, 101748. | 1.3 | 10 |
| 29 | 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. | 2.2 | 9 |
| 30 | 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. | 1.4 | 8 |
| 31 | 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 | 8 |
| 32 | Genetic polymorphisms of 15 STR loci in Chinese Hui population. <i>Journal of Forensic Sciences</i> , 2005, 50, 1508-9. | 1.6 | 8 |
| 33 | Use of Deep Learning in Forensic Sex Estimation of Virtual Pelvic Models from the Han Population. <i>Forensic Sciences Research</i> , 2022, 7, 540-549. | 1.6 | 8 |
| 34 | Diagnosis of a Cerebral Arteriovenous Malformation Using Isolated Brain Computed Tomography Angiography. <i>American Journal of Forensic Medicine and Pathology</i> , 2016, 37, 201-204. | 0.8 | 7 |
| 35 | Postmortem diagnosis of fatal hypothermia/hyperthermia by spectrochemical analysis of plasma. <i>Forensic Science, Medicine, and Pathology</i> , 2019, 15, 332-341. | 1.4 | 7 |
| 36 | Biochemical detection of fatal hypothermia and hyperthermia in affected rat hypothalamus tissues by Fourier transform infrared spectroscopy. <i>Bioscience Reports</i> , 2019, 39, . | 2.4 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Novel insights into wound age estimation: combined with $\hat{\alpha}$ œup, no change, or down $\hat{\alpha}$ •system and cosine similarity in python environment. International Journal of Legal Medicine, 2020, 134, 2177-2186. | 2.2 | 7 |
| 38 | Fourier-transform infrared microspectroscopy of pulmonary edema fluid for postmortem diagnosis of diabetic ketoacidosis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 258, 119882. | 3.9 | 7 |
| 39 | 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. ACS Omega, 2021, 6, 2100-2109. | 3.5 | 6 |
| 40 | Role of aldose reductase in the high glucose induced expression of fibronectin in human mesangial cells. Molecular Biology Reports, 2010, 37, 3017-3021. | 2.3 | 5 |
| 41 | Characterization of the Postmortem Interval by Infrared Microscopy. Analytical Letters, 2016, 49, 290-298. | 1.8 | 5 |
| 42 | Finite element analysis to determine the cause of ring fractures in a motorcyclist $\hat{\alpha}$ ™s head. Legal Medicine, 2020, 45, 101697. | 1.3 | 5 |
| 43 | Preliminary study on fatal hyperthermia in rat liver tissue by Fourier transform infrared microspectroscopy. Australian Journal of Forensic Sciences, 2017, 49, 468-478. | 1.2 | 4 |
| 44 | Postmortem chest computed tomography for the diagnosis of drowning: a feasibility study. Forensic Sciences Research, 2021, 6, 152-158. | 1.6 | 4 |
| 45 | Identification of fatal hypothermia via attenuated total reflection Fourier transform infrared spectroscopy of rabbit vitreous humour. Australian Journal of Forensic Sciences, 2021, 53, 27-39. | 1.2 | 4 |
| 46 | Preliminary study on the mechanisms of ankle injuries under falling and impact conditions based on the THUMS model. Forensic Sciences Research, 0, , 1-10. | 1.6 | 4 |
| 47 | Post-mortem interval estimation in rat liver tissues using attenuated total reflection Fourier transform infrared spectroscopy combined with chemometrics. Australian Journal of Forensic Sciences, 2019, 51, 527-537. | 1.2 | 3 |
| 48 | Characterization and postmortem diagnosis of fatal heatstroke using Attenuated Total Reflectance Fourier transform infrared spectroscopy combined with chemometrics. Spectroscopy Letters, 2020, 53, 372-382. | 1.0 | 3 |
| 49 | Post-mortem evaluation of the pathological degree of myocardial infarction by Fourier transform infrared microspectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 268, 120630. | 3.9 | 3 |
| 50 | Infrared (IR) Spectral Markers of Bronchial Epithelia in Victims of Fatal Burns. Applied Spectroscopy, 2014, 68, 165-171. | 2.2 | 2 |
| 51 | Non/mini-invasive monitoring of diabetes-induced myocardial damage by Fourier transform infrared spectroscopy: Evidence from biofluids. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166445. | 3.8 | 2 |
| 52 | Investigation of early biochemical alterations in myocardia of the diabetic db/db mice by FTIR microspectroscopy combined with machine learning. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 277, 121263. | 3.9 | 1 |