Jun-Hong Sun

List of Publications by Year
in descending order

25 papers	346 citations	1039880 9 h-index	887953 17 g-index
31 all docs	31 docs citations	31 times ranked	433 citing authors

#	Article	IF	Citations
1	Neuroblast senescence in the aged brain augments natural killer cell cytotoxicity leading to impaired neurogenesis and cognition. Nature Neuroscience, 2021, 24, 61-73.	7.1	93
2	Validation of reference genes for estimating wound age in contused rat skeletal muscle by quantitative real-time PCR. International Journal of Legal Medicine, 2012, 126, 113-120.	1.2	34
3	Time-dependent expression of skeletal muscle troponin I mRNA in the contused skeletal muscle of rats: a possible marker for wound age estimation. International Journal of Legal Medicine, 2010, 124, 27-33.	1.2	32
4	Vitality and wound-age estimation in forensic pathology: review and future prospects. Forensic Sciences Research, 2020, 5, 15-24.	0.9	32
5	Integrating microRNA and messenger RNA expression profiles in a rat model of deep vein thrombosis. International Journal of Molecular Medicine, 2017, 40, 1019-1028.	1.8	23
6	Time-dependent expression of SNAT2 mRNA in the contused skeletal muscle of rats: a possible marker for wound age estimation. Forensic Science, Medicine, and Pathology, 2013, 9, 528-533.	0.6	19
7	Temporal expression of wound healingâ€"related genes inform wound age estimation in rats after a skeletal muscle contusion: a multivariate statistical model analysis. International Journal of Legal Medicine, 2020, 134, 273-282.	1.2	15
8	Comparison of the homogeneity of mRNAs encoding SFRP5, FZD4, and Fosl1 in post-injury intervals: Subcellular localization of markers may influence wound age estimation. Journal of Clinical Forensic and Legal Medicine, 2016, 43, 90-96.	0.5	12
9	Comparison of the serum metabolic signatures based on 1H NMR between patients and a rat model of deep vein thrombosis. Scientific Reports, 2018, 8, 7837.	1.6	11
10	An â€œup, no change, or downâ€•system: Time-dependent expression of mRNAs in contused skeletal muscle of rats used for wound age estimation. Forensic Science International, 2017, 272, 104-110.	1.3	10
11	Investigating Transcriptional Dynamics Changes and Time-Dependent Marker Gene Expression in the Early Period After Skeletal Muscle Injury in Rats. Frontiers in Genetics, 2021, 12, 650874.	1.1	9
12	Novel insights into wound age estimation: combined with â€œup, no change, or downâ€•system and cosine similarity in python environment. International Journal of Legal Medicine, 2020, 134, 2177-2186.	1.2	7
13	Analysis of sensitivity and specificity: precise recognition of neutrophils during regeneration of contused skeletal muscle in rats. Forensic Sciences Research, 2022, 7, 228-237.	0.9	7
14	Combined metabolomics and machine learning algorithms to explore metabolic biomarkers for diagnosis of acute myocardial ischemia. International Journal of Legal Medicine, 2023, 137, 169-180.	1.2	7
15	A novel method for determining postmortem interval based on the metabolomics of multiple organs combined with ensemble learning techniques. International Journal of Legal Medicine, 2023, 137, 237-249.	1.2	7
16	Insight into molecular profile changes after skeletal muscle contusion using microarray and bioinformatics analyses. Bioscience Reports, 2021, 41, .	1.1	6
17	Measuring temporal expression, systematic response, and post-mortem stability to assess potential markers for estimating wound age: an example of Fosl1 in contused skeletal muscle. Australian Journal of Forensic Sciences, 2019, 51, 158-170.	0.7	3
18	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.	0.7	3

#	Article	IF	Citations
19	Characterization and postmortem diagnosis of fatal heatstroke using Attenuated Total Reflectance Fourier transform infrared spectroscopy combined with chemometrics. Spectroscopy Letters, 2020, 53, 372-382.	0.5	3
20	Estimating Postmortem Interval Using Intestinal Microbiota Diversity Based on 16S rRNA High-throughput Sequencing Technology.. Fa Yi Xue Za Zhi, 2021, 37, 621-626.	0.3	3
21	Estimating the time of skeletal muscle contusion based on the spatial distribution of neutrophils: a practical approach to forensic problems. International Journal of Legal Medicine, 2021, , 1.	1.2	2
22	Investigating the new orientation of wound age estimation in forensic medicine based on biological omics data combined with artificial intelligence algorithms. , 2020, , .		1
23	Identifying biomarkers for evaluating wound extent and age in the contused muscle of rats using microarray analysis: a pilot study. PeerJ, 2021, 9, e12709.	0.9	1
24	Wound age estimation based on next-generation sequencing: Fitting the optimal index system using machine learning. Forensic Science International: Genetics, 2022, , 102722.	1.6	0
25	Screening criteria of mRNA indicators for wound age estimation. Forensic Sciences Research, 0, , 1-12.	0.9	0