Jun-Hong Sun

List of Publications by Citations

23 papers	200 citations	8 h-index	13 g-index
31 ext. papers	275 ext. citations	3.3 avg, IF	3.31 L-index

#	Paper	IF	Citations
23	Neuroblast senescence in the aged brain augments natural killer cell cytotoxicity leading to impaired neurogenesis and cognition. *Nature Neuroscience*, **2021**, 24, 61-73	25.5	32
22	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, 113-20	3.1	30
21	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	3.1	30
20	Vitality and wound-age estimation in forensic pathology: review and future prospects. *Forensic Sciences Research*, **2020**, 5, 15-24	3.6	18
19	Integrating microRNA and messenger RNA expression profiles in a rat model of deep vein thrombosis. *International Journal of Molecular Medicine*, **2017**, 40, 1019-1028	4.4	16
18	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, 528-33	1.5	15
17	Temporal expression of wound healing-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	3.1	12
16	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	1.7	10
15	An "up, no change, or down" system: Time-dependent expression of mRNAs in contused skeletal muscle of rats used for wound age estimation. *Forensic Science International*, **2017**, 272, 104-110	2.6	8
14	Analysis of sensitivity and specificity: precise recognition of neutrophils during regeneration of contused skeletal muscle in rats. *Forensic Sciences Research*, **2020**, 1-10	3.6	5
13	Novel insights into wound age estimation: combined with "up, no change, or down" system and cosine similarity in python environment. *International Journal of Legal Medicine*, **2020**, 134, 2177-2186	3.1	5
12	Comparison of the serum metabolic signatures based on H NMR between patients and a rat model of deep vein thrombosis. *Scientific Reports*, **2018**, 8, 7837	4.9	4
11	Characterization and postmortem diagnosis of fatal heatstroke using Attenuated Total Reflectance Fourier transform infrared spectroscopy combined with chemometrics. *Spectroscopy Letters*, **2020**, 53, 372-382	1.1	2
10	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	4.5	2
9	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	1.1	2
8	Insight into molecular profile changes after skeletal muscle contusion using microarray and bioinformatics analyses. *Bioscience Reports*, **2021**, 41,	4.1	2
7	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	1.1	1

List of Publications

6	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	3.1	1
5	Identifying biomarkers for evaluating wound extent and age in the contused muscle of rats using microarray analysis: a pilot study.. *PeerJ*, **2021**, 9, e12709	3.1	1
4	Combined metabolomics and machine learning algorithms to explore metabolic biomarkers for diagnosis of acute myocardial ischemia.. *International Journal of Legal Medicine*, **2022**, 1	3.1	0
3	Estimating Postmortem Interval Using Intestinal Microbiota Diversity Based on 16S rRNA High-throughput Sequencing Technology.. *Fa Yi Xue Za Zhi*, **2021**, 37, 621-626	0.5	0
2	Wound age estimation based on next-generation sequencing: Fitting the optimal index system using machine learning. *Forensic Science International: Genetics*, **2022**, 102722	4.3	
1	Screening criteria of mRNA indicators for wound age estimation. *Forensic Sciences Research*,1-12	3.6	