

# Jun-Hong Sun

## 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.

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	Combined metabolomics and machine learning algorithms to explore metabolic biomarkers for diagnosis of acute myocardial ischemia.. <i>International Journal of Legal Medicine</i> , <b>2022</b> , 1	3.1	0
22	Wound age estimation based on next-generation sequencing: Fitting the optimal index system using machine learning. <i>Forensic Science International: Genetics</i> , <b>2022</b> , 102722	4.3	
21	Investigating Transcriptional Dynamics Changes and Time-Dependent Marker Gene Expression in the Early Period After Skeletal Muscle Injury in Rats. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 650874	4.5	2
20	Neuroblast senescence in the aged brain augments natural killer cell cytotoxicity leading to impaired neurogenesis and cognition. <i>Nature Neuroscience</i> , <b>2021</b> , 24, 61-73	25.5	32
19	Insight into molecular profile changes after skeletal muscle contusion using microarray and bioinformatics analyses. <i>Bioscience Reports</i> , <b>2021</b> , 41,	4.1	2
18	Estimating the time of skeletal muscle contusion based on the spatial distribution of neutrophils: a practical approach to forensic problems. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 1	3.1	1
17	Identifying biomarkers for evaluating wound extent and age in the contused muscle of rats using microarray analysis: a pilot study.. <i>PeerJ</i> , <b>2021</b> , 9, e12709	3.1	1
16	Estimating Postmortem Interval Using Intestinal Microbiota Diversity Based on 16S rRNA High-throughput Sequencing Technology.. <i>Fa Yi Xue Za Zhi</i> , <b>2021</b> , 37, 621-626	0.5	0
15	Characterization and postmortem diagnosis of fatal heatstroke using Attenuated Total Reflectance Fourier transform infrared spectroscopy combined with chemometrics. <i>Spectroscopy Letters</i> , <b>2020</b> , 53, 372-382	1.1	2
14	Analysis of sensitivity and specificity: precise recognition of neutrophils during regeneration of contused skeletal muscle in rats. <i>Forensic Sciences Research</i> , <b>2020</b> , 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. <i>International Journal of Legal Medicine</i> , <b>2020</b> , 134, 2177-2186	3.1	5
12	Temporal expression of wound healing-related genes inform wound age estimation in rats after a skeletal muscle contusion: a multivariate statistical model analysis. <i>International Journal of Legal Medicine</i> , <b>2020</b> , 134, 273-282	3.1	12
11	Vitality and wound-age estimation in forensic pathology: review and future prospects. <i>Forensic Sciences Research</i> , <b>2020</b> , 5, 15-24	3.6	18
10	Measuring temporal expression, systematic response, and post-mortem stability to assess potential markers for estimating wound age: an example of Fos1 in contused skeletal muscle. <i>Australian Journal of Forensic Sciences</i> , <b>2019</b> , 51, 158-170	1.1	1
9	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> , <b>2019</b> , 51, 527-537	1.1	2
8	Comparison of the serum metabolic signatures based on H NMR between patients and a rat model of deep vein thrombosis. <i>Scientific Reports</i> , <b>2018</b> , 8, 7837	4.9	4
7	An "up, no change, or down" system: Time-dependent expression of mRNAs in contused skeletal muscle of rats used for wound age estimation. <i>Forensic Science International</i> , <b>2017</b> , 272, 104-110	2.6	8

6	Integrating microRNA and messenger RNA expression profiles in a rat model of deep vein thrombosis. <i>International Journal of Molecular Medicine</i> , <b>2017</b> , 40, 1019-1028	4.4	16
5	Comparison of the homogeneity of mRNAs encoding SFRP5, FZD4, and Fos1 in post-injury intervals: Subcellular localization of markers may influence wound age estimation. <i>Journal of Clinical Forensic and Legal Medicine</i> , <b>2016</b> , 43, 90-96	1.7	10
4	Time-dependent expression of SNAT2 mRNA in the contused skeletal muscle of rats: a possible marker for wound age estimation. <i>Forensic Science, Medicine, and Pathology</i> , <b>2013</b> , 9, 528-33	1.5	15
3	Validation of reference genes for estimating wound age in contused rat skeletal muscle by quantitative real-time PCR. <i>International Journal of Legal Medicine</i> , <b>2012</b> , 126, 113-20	3.1	30
2	Time-dependent expression of skeletal muscle troponin I mRNA in the contused skeletal muscle of rats: a possible marker for wound age estimation. <i>International Journal of Legal Medicine</i> , <b>2010</b> , 124, 27-33	3.1	30
1	Screening criteria of mRNA indicators for wound age estimation. <i>Forensic Sciences Research</i> , 1-12	3.6	