

Estimation of post-mortem interval using biochemical

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Metabolomics of post-mortem blood: identifying potential markers of post-mortem interval. <i>Metabolomics</i> , 2015, 11, 237-245.	1.4	37
2	Estimation of Early Postmortem Interval Through Biochemical and Pathological Changes in Rat Heart and Kidney. <i>American Journal of Forensic Medicine and Pathology</i> , 2016, 37, 40-46.	0.4	26
3	Present and foreseeable future of metabolomics in forensic analysis. <i>Analytica Chimica Acta</i> , 2016, 925, 1-15.	2.6	54
4	Post-mortem changes in the metabolomic compositions of rabbit blood, aqueous and vitreous humors. <i>Metabolomics</i> , 2016, 12, 1.	1.4	25
6	Metabolomics of the human aqueous humor. <i>Metabolomics</i> , 2017, 13, 1.	1.4	30
7	Fluorescent gold nanoclusters as pH sensors for the pH 5 to 9 range and for imaging of blood cell pH values. <i>Mikrochimica Acta</i> , 2017, 184, 3309-3315.	2.5	34
8	New frontiers in thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 549-557.	2.0	28
9	Quantitative metabolomic analysis of the human cornea and aqueous humor. <i>Metabolomics</i> , 2017, 13, 1.	1.4	32
10	Monitoring of post-mortem changes of saliva N-glycosylation by nano LC/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 45-56.	1.9	9
11	1,5-Anhydro-d-glucitol in vitreous humor and cerebrospinal fluid – A helpful tool for identification of diabetes and diabetic coma post mortem. <i>Forensic Science International</i> , 2018, 289, 397-407.	1.3	7
12	Post-mortem gross composition changes and differential weathering of immature and mature bone in an experimental burial environment. <i>Journal of Archaeological Science: Reports</i> , 2019, 26, 101904.	0.2	1
13	Determining the time of death by morphological and immunohistochemical evaluation of collagen fibers in postmortem gingival tissues. <i>Legal Medicine</i> , 2019, 39, 1-8.	0.6	15
14	Biochemical markers of time since death in cerebrospinal fluid: A first step towards "Forensomics". <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019, 56, 274-286.	2.7	8
15	Quantification of proteins in whole blood, plasma and DBS, with element-labelled antibody detection by ICP-MS. <i>Analytical Biochemistry</i> , 2019, 575, 10-16.	1.1	9
16	Evaluation of postmortem biochemical markers: Completeness of data and assessment of implication in the field. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019, 59, 177-180.	1.3	16
17	Na <sup>+</sup> /K <sup>+</sup> -ATPase, acetylcholinesterase and glutathione S-transferase activities as new markers of postmortem interval in Swiss mice. <i>Legal Medicine</i> , 2019, 36, 67-72.	0.6	11
18	Collagen degradation as a possibility to determine the post-mortem interval (PMI) of human bones in a forensic context – A survey. <i>Legal Medicine</i> , 2019, 36, 96-102.	0.6	20
19	Analytical considerations for postmortem metabolomics using GC-high-resolution MS. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6241-6255.	1.9	7

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20	The effect of seasonality on the application of accumulated degree-days to estimate the early post-mortem interval. <i>Forensic Science International</i> , 2020, 315, 110419.	1.3	20
21	Postmortem Protein Degradation as a Tool to Estimate the PMI: A Systematic Review. <i>Diagnostics</i> , 2020, 10, 1014.	1.3	24
22	Postmortem metabolomics: Correlating time-dependent concentration changes of xenobiotic and endogenous compounds. <i>Drug Testing and Analysis</i> , 2020, 12, 1171-1182.	1.6	6
23	Post-mortem changes in metabolomic profiles of human serum, aqueous humor and vitreous humor. <i>Metabolomics</i> , 2020, 16, 80.	1.4	27
24	Peptide analysis of mammalian decomposition fluid in relation to the post-mortem interval. <i>Forensic Science International</i> , 2020, 311, 110269.	1.3	8
25	Biochemical methods of estimating time since death. , 2020, , 29-55.		0
26	Microbiome in Death and Beyond: Current Vistas and Future Trends. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	14
27	Early postmortem biochemical, histological, and immunohistochemical alterations in skeletal muscles of rats exposed to boldenone undecylenate: Forensic implication. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2021, 83, 102248.	0.5	2
28	UV-Vis and ATR-FTIR spectroscopic investigations of postmortem interval based on the changes in rabbit plasma. <i>PLoS ONE</i> , 2017, 12, e0182161.	1.1	29
29	Comparison of Biochemical versus Morphological Changes of Human In-Vitro Stored and Postmortem Blood Specimens during Different Time Intervals. <i>Ain Shams Journal of Forensic Medicine and Clinical Toxicology</i> , 2014, 22, 105-113.	0.2	1
30	TECHNOLOGIES OF SELECTION OF AUTOPSY BLOOD FOR FORENSIC BIOCHEMISTRY RESEARCH. <i>Russian Journal of Forensic Medicine</i> , 2017, 3, 47-49.	0.0	0
31	ESTIMATION OF EARLY POSTMORTEM INTERVAL BY BIOCHEMICAL CHANGES IN BRAIN AND LIVER OF RATS USING SOME OXIDANT AND ANTIOXIDANT PARAMETERS. <i>The Egyptian Journal of Forensic Sciences and Applied Toxicology</i> , 2017, 17, 147-162.	0.1	2
32	Untargeted metabolomics approaches to improve casework in clinical and forensic toxicology—Where are we standing and where are we heading? <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2022, 4, e1449.	1.2	9
33	MALDITOF the Fourth Generation Techniques Still at Its Infancy to Identify Forensically Important Insects. , 2020, , 519-545.		0
34	The Application of Metabolomics in Forensic Science with Focus on Forensic Toxicology and Time-of-Death Estimation. <i>Metabolites</i> , 2021, 11, 801.	1.3	10
35	Investigation of Potassium Chloride for Euthanasia of Anesthetized Marine Toads ( <i>Rhinella marina</i> ). <i>Journal of Herpetological Medicine and Surgery</i> , 2022, 32, .	0.2	2
36	Histobiochemical changes in early postmortem interval in liver, pancreas, skin and kidney of adult male albino rats. <i>Rechtsmedizin</i> , 0, , 1.	2.6	2
37	Histological changes in lingual striated muscle tissue of human cadavers to estimate the postmortem interval. <i>Forensic Science, Medicine, and Pathology</i> , 2023, 19, 16-23.	0.6	2

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38	TRENDS IN THE DEVELOPMENT OF FORENSIC MEDICAL TECHNOLOGIES FOR THE POSSIBILITY OF ACCURATE DETERMINATION OF THE TIME SINCE DEATH. <i>Forensic-medical Examination</i> , 2022, , 18-23.	0.0	0
39	Artificial Intelligence in Prediction of Post Mortem Interval (PMI) Through Blood Biomarkers in Forensic Examination-A Concept. <i>International Journal of Advanced Research in Science, Communication and Technology</i> , 0, , 7-11.	0.0	0
40	New Trends in Immunohistochemical Methods to Estimate the Time since Death: A Review. <i>Diagnostics</i> , 2022, 12, 2114.	1.3	6
41	Estimation of blood and urine levels of eight metals and essential trace elements collected from living Subjects compared to urine, cardiac and femoral postmortem blood, and other postmortem samples: A forensic toxicology study. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2022, 92, 102435.	0.5	3
42	Immediate Postmortem Changes. , 2023, , 218-223.		0
43	Solving the inverse problem of post-mortem interval estimation using Bayesian Belief Networks. <i>Forensic Science International</i> , 2023, 342, 111536.	1.3	1
44	Combining with lab-on-chip technology and multi-organ fusion strategy to estimate post-mortem interval of rat. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	0
46	Comparative Study of Conventional Techniques and Functional Nanomaterials for PMI. <i>Advances in Digital Crime, Forensics, and Cyber Terrorism</i> , 2023, , 131-141.	0.4	0