

# Theresa E Stotesbury

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/694820/publications.pdf>

Version: 2024-02-01

24  
papers

146  
citations

1307594

7  
h-index

1372567

10  
g-index

26  
all docs

26  
docs citations

26  
times ranked

90  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying visible absorbance changes and DNA degradation in aging bloodstains under extreme temperatures. <i>Forensic Science International</i> , 2021, 318, 110627.	2.2	15
2	An Exploratory Time Since Deposition Analysis of Whole Blood Using Metrics of DNA Degradation and Visible Absorbance Spectroscopy. <i>Pure and Applied Geophysics</i> , 2021, 178, 735-743.	1.9	14
3	Waterborne epoxy-thiol decorated silica sol-gel coatings: impact of crosslinking on corrosion prevention. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 87, 504-513.	2.4	13
4	Passive Drip Stain Formation Dynamics of Blood onto Hard Surfaces and Comparison with Simple Fluids for Blood Substitute Development and Assessment<sup>,</sup>. <i>Journal of Forensic Sciences</i> , 2017, 62, 74-82.	1.6	11
5	The application of silicon solâ€“gel technology to forensic blood substitute development: Investigation of the spreading dynamics onto a paper surface. <i>Forensic Science International</i> , 2017, 275, 308-313.	2.2	9
6	Characterizing drip patterns in bloodstain pattern analysis: An investigation of the influence of droplet impact velocity and number of droplets on static pattern features. <i>Forensic Science International</i> , 2019, 301, 55-66.	2.2	8
7	Untargeted SPMEâ€“GCâ€“MS Characterization of VOCs Released from Spray Paint. <i>Journal of Chromatographic Science</i> , 2021, 59, 103-111.	1.4	8
8	Whole bovine blood use in forensic research: Sample preparation and storage considerations. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2021, 61, 214-220.	2.1	8
9	Design Considerations for the Implementation of Artificial Fluids as Blood Substitutes for Educational and Training Use in the Forensic Sciences. <i>Forensic Science Policy and Management</i> , 2016, 7, 81-86.	0.5	7
10	The application of silicon solâ€“gel technology to forensic blood substitute development: Mimicking aspects of whole human blood rheology. <i>Forensic Science International</i> , 2017, 270, 12-19.	2.2	7
11	Novel silica solâ€“gel passive sampler for mercury monitoring in aqueous systems. <i>Chemosphere</i> , 2013, 90, 323-328.	8.2	6
12	Preliminary analysis of latent fingerprints recovered from underneath bloodstains using matrix-assisted laser desorption/ionization fourier-transform ion cyclotron resonance mass spectrometry imaging (MALDI FT-ICR MSI). <i>Forensic Chemistry</i> , 2020, 20, 100274.	2.8	6
13	An Impact Velocity Device Design for Blood Spatter Pattern Generation with Considerations for Highâ€“speed Video Analysis,. <i>Journal of Forensic Sciences</i> , 2016, 61, 501-508.	1.6	5
14	Luminol reagent control materials in bloodstain pattern analysis: A silicon sol-gel polymer alternative. <i>Forensic Chemistry</i> , 2019, 12, 91-98.	2.8	5
15	Three physical factors that affect the crown growth of the impact mechanism and its implications for bloodstain pattern analysis. <i>Forensic Science International</i> , 2016, 266, 254-262.	2.2	4
16	The use of a forensic blood substitute for impact pattern area of origin estimation via three trajectory analysis programs. <i>Journal of the Canadian Society of Forensic Science</i> , 2018, 51, 58-66.	0.9	4
17	Validation of Sherlock, a linear trajectory analysis program for use in bloodstain pattern analysis. <i>Journal of the Canadian Society of Forensic Science</i> , 2019, 52, 78-94.	0.9	4
18	Novel Technological Approaches for Pedagogy in Forensic Science: A Case Study in Bloodstain Pattern Analysis. <i>Forensic Science Policy and Management</i> , 2016, 7, 87-97.	0.5	3

#	ARTICLE	IF	CITATIONS
19	Quantifying chemiluminescence of the forensic luminol test for ovine blood in a dilution and time series. <i>Forensic Science International</i> , 2018, 290, 36-41.	2.2	3
20	The use of high-resolution mass spectrometry (HRMS) for the analysis of DNA and other macromolecules: A how-to guide for forensic chemistry. <i>Forensic Chemistry</i> , 2019, 14, 100169.	2.8	2
21	Using total <scp>RNA</scp> quality metrics for time since deposition estimates in degrading bloodstains. <i>Journal of Forensic Sciences</i> , 2022, 67, 1776-1785.	1.6	2
22	Drip stains formed on ice and snow: an observational study. <i>Journal of the Canadian Society of Forensic Science</i> , 2021, 54, 61-76.	0.9	1
23	High-speed video analysis of crown formation dynamics of controlled weapon-head impacts on to three surface types. <i>Journal of the Canadian Society of Forensic Science</i> , 2017, 50, 64-73.	0.9	0
24	subMALDI: an open framework R package for processing irregularly-spaced mass spectrometry data. <i>Journal of Open Source Software</i> , 2021, 6, 2694.	4.6	0