# Xanthe Spindler

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/659943/publications.pdf

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|---|---|---|---|
| 30 papers | 638 citations | 566801 15 h-index | 580395 25 g-index |
| 31 all docs | 31 docs citations | 31 times ranked | 431 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Enhancement of latent fingermarks on non-porous surfaces using anti-l-amino acidantibodies conjugated to gold nanoparticles. Chemical Communications, 2011, 47, 5602-5604. | 2.2 | 76 |
| 2 | Visualization of Latent Fingermarks Using an Aptamerâ€Based Reagent. Angewandte Chemie - International Edition, 2012, 51, 12272-12274. | 7.2 | 62 |
| 3 | Investigation of some of the factors influencing fingermark detection. Forensic Science International, 2018, 289, 381-389. | 1.3 | 41 |
| 4 | Selective targeting of fingermarks using immunogenic techniques. Australian Journal of Forensic Sciences, 2013, 45, 211-226. | 0.7 | 34 |
| 5 | Understanding physical developer (PD): Part I â€“ Is PD targeting lipids?. Forensic Science International, 2015, 257, 481-487. | 1.3 | 33 |
| 6 | Nile red: Alternative to physical developer for the detection of latent fingermarks on wet porous surfaces?. Forensic Science International, 2013, 230, 74-80. | 1.3 | 30 |
| 7 | The effect of zinc chloride, humidity and the substrate on the reaction of 1,2-indanedioneâ€“zinc with amino acids in latent fingermark secretions. Forensic Science International, 2011, 212, 150-157. | 1.3 | 29 |
| 8 | Evaluation of fingermark detection sequences on paper substrates. Forensic Science International, 2014, 236, 30-37. | 1.3 | 28 |
| 9 | Understanding Physical Developer (PD): Part II â€“ Is PD targeting eccrine constituents?. Forensic Science International, 2015, 257, 488-495. | 1.3 | 27 |
| 10 | Nanoparticles used for fingermark detectionâ€”A comprehensive review. Wiley Interdisciplinary Reviews Forensic Science, 2019, 1, . | 1.2 | 27 |
| 11 | Styryl dye coated metal oxide powders for the detection of latent fingermarks on non-porous surfaces. Forensic Science International, 2012, 219, 208-214. | 1.3 | 22 |
| 12 | Microscopic examination of fingermark residues: Opportunities for fundamental studies. Forensic Science International, 2015, 255, 28-37. | 1.3 | 19 |
| 13 | Use of Styryl 11 and STaR 11 for the Luminescence Enhancement of Cyanoacrylateâ€Developed Fingermarks in the Visible and Nearâ€Infrared Regions*. Journal of Forensic Sciences, 2011, 56, 1505-1513. | 0.9 | 18 |
| 14 | PolyCyano UV: an investigation into a one-step luminescent cyanoacrylate fuming process. Australian Journal of Forensic Sciences, 2014, 46, 471-484. | 0.7 | 15 |
| 15 | Evaluation of one-step luminescent cyanoacrylate fuming. Forensic Science International, 2016, 263, 126-131. | 1.3 | 15 |
| 16 | Evaluation of multi-target immunogenic reagents for the detection of latent and body fluid-contaminated fingermarks. Forensic Science International, 2016, 264, 168-175. | 1.3 | 13 |
| 17 | Impact of one-step luminescent cyanoacrylate treatment on subsequent DNA analysis. Forensic Science International, 2018, 286, 1-7. | 1.3 | 13 |
| 18 | Latent fingermark detection using functionalised silicon oxide nanoparticles: Method optimisation and evaluation. Forensic Science International, 2019, 298, 372-383. | 1.3 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Novel upconverting nanoparticles for fingermark detection. Optical Materials, 2021, 111, 110568. | 1.7 | 12 |
| 20 | Metal-Organic Frameworks for fingermark detection â€" A feasibility study. Forensic Science International, 2018, 291, 83-93. | 1.3 | 11 |
| 21 | Synthesis and application of an aqueous nile red microemulsion for the development of fingermarks on porous surfaces. Forensic Science International, 2014, 244, e48-e55. | 1.3 | 10 |
| 22 | Latent fingermark detection using functionalised silicon oxide nanoparticles: Optimisation and comparison with cyanoacrylate fuming. Forensic Science International, 2020, 315, 110442. | 1.3 | 10 |
| 23 | Fingermark detection using upconverting nanoparticles and comparison with cyanoacrylate fuming. Forensic Science International, 2021, 326, 110915. | 1.3 | 10 |
| 24 | Single metal deposition versus physical developer: A comparison between two advanced fingermark detection techniques. Forensic Science International, 2019, 294, 103-112. | 1.3 | 7 |
| 25 | Detection of latent fingermarks and cells on paper. Forensic Science International, 2020, 309, 110185. | 1.3 | 6 |
| 26 | Latent fingermark detection using functionalised silicon oxide nanoparticles: Investigation into novel application procedures. Forensic Science International, 2022, 335, 111275. | 1.3 | 3 |
| 27 | Visualising substrateâ€"fingermark interactions: Solid-state NMR spectroscopy of amino acid reagent development on cellulose substrates. Forensic Science International, 2015, 250, 8-16. | 1.3 | 2 |
| 28 | An effective Physical Developer (PD) method for use in Australian laboratories. Australian Journal of Forensic Sciences, 2018, , 1-6. | 0.7 | 2 |
| 29 | Authorsâ€™ response to comments on â€œEvaluation of one-step luminescent cyanoacrylate fumingâ€. Forensic Science International, 2016, 268, e25-e26. | 1.3 | 1 |
| 30 | Forensic Science: Current State and Perspective by a Group of Early Career Researchers. Foundations of Science, 2017, 22, 799-825. | 0.4 | 1 |