Andy BÃ©cue

List of Publications by Year
in descending order

27 papers	861 citations	516681 16 h-index	580810 25 g-index
28 all docs	28 docs citations	28 times ranked	576 citing authors

#	Article	IF	Citations
1	Single-metal deposition (SMD) as a latent fingermark enhancement technique: An alternative to multimetal deposition (MMD). Forensic Science International, 2007, 168, e5-e9.	2.2	84
2	Use of gold nanoparticles as molecular intermediates for the detection of fingermarks. Forensic Science International, 2007, 168, 169-176.	2.2	79
3	Use of quantum dots in aqueous solution to detect blood fingermarks on non-porous surfaces. Forensic Science International, 2009, 191, 36-41.	2.2	77
4	Emerging fields in fingermark (meta)detection â€“ a critical review. Analytical Methods, 2016, 8, 7983-8003.	2.7	70
5	Use of stains to detect fingermarks. Biotechnic and Histochemistry, 2011, 86, 140-160.	1.3	63
6	Identification of promising antigenic components in latent fingermark residues. Forensic Science International, 2009, 184, 47-53.	2.2	59
7	Fingermark detection based on the in situ growth of luminescent nanoparticlesâ€"Towards a new generation of multimetal deposition. Forensic Science International, 2008, 179, 39-43.	2.2	57
8	Nanoparticles for fingermark detection: an insight into the reaction mechanism. Nanotechnology, 2014, 25, 425502.	2.6	52
9	SECM imaging of MMD-enhanced latent fingermarks. Chemical Communications, 2007, , 3948.	4.1	50
10	Detection of fingermarks by colloidal gold (MMD/SMD) â€“ beyond the pH 3 limit. Forensic Science International, 2012, 219, 39-49.	2.2	43
11	Functionalised silicon oxide nanoparticles for fingermark detection. Forensic Science International, 2016, 259, 10-18.	2.2	43
12	Providing illicit drugs results in five seconds using ultra-portable NIR technology: An opportunity for forensic laboratories to cope with the trend toward the decentralization of forensic capabilities. Forensic Science International, 2020, 317, 110498.	2.2	37
13	Cadmium-free quantum dots in aqueous solution: Potential for fingermark detection, synthesis and an application to the detection of fingermarks in blood on non-porous surfaces. Forensic Science International, 2013, 224, 101-110.	2.2	28
14	Interpol review of fingermarks and other body impressions 2016â€“2019. Forensic Science International (Online), 2020, 2, 442-480.	1.3	18
15	Further investigations into the single metal deposition (SMD II) technique for the detection of latent fingermarks. Forensic Science International, 2016, 268, 62-72.	2.2	17
16	Molecular composition of fingermarks: Assessment of the intra- and inter-variability in a small group of donors using MALDI-MSI. Forensic Chemistry, 2019, 12, 99-106.	2.8	17
17	Effect of water immersion on multi- and mono-metallic VMD. Forensic Science International, 2018, 283, 118-127.	2.2	13
18	Human Fingerprint Imaging by Scanning ElectroChemical Microscopy (SECM). Chimia, 2009, 63, 580.	0.6	10

#	Article	IF	Citations
19	Printed artificial sweat as replacement for natural fingermarks: Qualitative and quantitative approach considering an amino acid reagent. Science and Justice - Journal of the Forensic Science Society, 2021, 61, 249-259.	2.1	10
20	Description of proteinâ€“DNA complexes in terms of electron-density topological features. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 2150-2162.	2.5	9
21	Paper characteristics and their influence on the ability of single metal deposition to detect fingermarks. Forensic Chemistry, 2019, 12, 8-24.	2.8	7
22	Development of a printed quality control test strip for the analysis and imaging of fingermark composition. Forensic Science International, 2021, 329, 111063.	2.2	7
23	Chemical composition of the fingermark residue: Assessment of the intravariability over one year using MALDI-MSI. Forensic Science International, 2022, 338, 111380.	2.2	4
24	Automatic assessment of fingermarks quality: Exploration of the possible application in the context of detection and comparison with human examiners. Journal of Forensic Sciences, 2021, 66, 879-889.	1.6	2
25	Past, Present, and Future of the Forensic Use of Fingermarks. , 2021, , 1-33.		2
26	Protein-Protein Docking Using Three-Dimensional Reduced Representations and Based on a Genetic Algorithm. , 2008, , 301-323.		1
27	Fingermarks, Bitemarks and Other Impressions (Barefoot, Ears, Lips). , 2010, , 695-778.		1