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Powder method for detecting latent fingerprints: a review

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318	Individual Cloud-Based Fingerprint Operation Platform for Latent Fingerprint Identification Using Perovskite Nanocrystals as Eikonogen.		
317	Forensic science. 2003 , 75, 2877-90		19
316	Fingerprint detection using full-field swept-source optical coherence tomography. 2007 , 91, 181106		44
315	SECM imaging of MMD-enhanced latent fingermarks. 2007 , 3948-50		47
314	Fluorescent TiO ₂ powders prepared using a new perylene diimide dye: applications in latent fingermark detection. <i>Forensic Science International</i> , 2007 , 173, 154-60	2.6	73
313	Fingerprint recovery from human skin surfaces. 2007 , 47, 136-40		16
312	Doped hydrophobic silica nano- and micro-particles as novel agents for developing latent fingerprints. <i>Forensic Science International</i> , 2008 , 174, 26-34	2.6	85
311	Techniques for fingerprint recovery on vegetable and fruit surfaces used in Slovenia--a preliminary study. 2008 , 48, 192-5		7
310	The spectroscopic detection of exogenous material in fingerprints after development with powders and recovery with adhesive lifters. <i>Forensic Science International</i> , 2008 , 174, 1-5	2.6	42
309	Metal-containing nanoparticles and nano-structured particles in fingermark detection. <i>Forensic Science International</i> , 2008 , 179, 87-97	2.6	133
308	Enhancing the quality of aged latent fingerprints developed by superglue fuming: loss and replenishment of initiator. 2008 , 53, 1138-44		42
307	Fingerprint and inkjet-trace imaging using disulfur dinitride. 2008 , 6111-3		22
306	Simultaneous topography and tomography of latent fingerprints using full-field swept-source optical coherence tomography. 2008 , 10, 015307		37
305	The spectroscopic detection of drugs of abuse in fingerprints after development with powders and recovery with adhesive lifters. 2009 , 71, 1984-8		53
304	Lifting techniques for finger marks on human skin previous enhancement by Swedish Black powder--a preliminary study. 2009 , 49, 292-5		10
303	The effectiveness of strong afterglow phosphor powder in the detection of fingermarks. <i>Forensic Science International</i> , 2009 , 183, 45-9	2.6	37
302	Application of dye intercalated bentonite for developing latent fingerprints. 2009 , 44, 156-160		17

301	Scientific and Engineering Applications of Full-field Swept-source Optical Coherence Tomography. 2009 , 13, 341-348		5
300	SECM for imaging and detection of latent fingerprints. 2009 , 134, 25-30		75
299	Nano-scale composition of commercial white powders for development of latent fingerprints on adhesives. 2010 , 50, 150-5		39
298	Chemical differences are observed in children's versus adults' latent fingerprints as a function of time. 2010 , 55, 513-8		92
297	Multiplexed detection of metabolites of narcotic drugs from a single latent fingermark. 2010 , 82, 9150-4		97
296	Efficient dual mode multicolor luminescence in a lanthanide doped hybrid nanostructure: a multifunctional material. 2011 , 22, 275703		41
295	An investigation into the use of a portable cyanoacrylate fuming system (SUPERfume [®]) and aluminum powder for the development of latent fingermarks. 2011 , 56, 1514-20		8
294	Use of stains to detect fingermarks. 2011 , 86, 140-60		51
293	Gold is going forensic. 2011 , 44, 71-77		19
292	Fingermark detection on non-porous and semi-porous surfaces using NaYF ₄ :Er,Yb up-converter particles. <i>Forensic Science International</i> , 2011 , 207, 145-9	2.6	66
291	Recovery of DNA and fingermarks following deployment of render-safe tools for vehicle-borne improvised explosive devices (VBIED). <i>Forensic Science International</i> , 2011 , 210, 182-7	2.6	5
290	CdS nanocomposites assembled in porous phosphate heterostructures for fingerprint detection. 2011 , 33, 893-898		37
289	The influence of temperature on the polymerization of ethyl cyanoacrylate from the vapor phase. 2011 , 71, 809-819		7
288	Nanotechnology as a New Tool for Fingermark Detection: A Review. 2011 , 7, 153-159		28
287	The infrared lighting system for the efficient photography of the pretreated fingerprint. 2012 , 44, 273-284		1
286	Application of core-shell-structured CdTe@SiO ₂ quantum dots synthesized via a facile solution method for improving latent fingerprint detection. 2012 , 14, 1		22
285	Finger marks on glass and metal surfaces recovered from stagnant water. 2012 , 2, 48-53		10
284	Development of aged fingermarks using antibody-magnetic particle conjugates. 2012 , 4, 637		30

283	SECM imaging of latent fingerprints developed by deposition of Al-doped ZnO thin film. 2012 , 78, 412-416		19
282	Fingerprint recovery from wet transparent foil. 2012 , 2, 126-130		8
281	Label-Free Electrochemical Imaging of Latent Fingerprints on Metal Surfaces. 2012 , 24, 1027-1032		25
280	Fortschritte in der Fingerabdruckanalyse. 2012 , 124, 3582-3589		19
279	Advances in fingerprint analysis. 2012 , 51, 3524-31		214
278	Comparative study of electrochromic enhancement of latent fingerprints with existing development techniques. 2012 , 57, 93-102		30
277	Determination of latent fingerprint degradation patterns-a real fieldwork study. 2013 , 127, 857-70		37
276	Morphometry of latent palmprints as a function of time. 2013 , 53, 402-8		25
275	Electrospun fluorescein-embedded nanofibers towards fingerprint recognition and luminescent patterns. 2013 , 3, 19403		5
274	Nanoscale control of interfacial processes for latent fingerprint enhancement. 2013 , 164, 391-410		14
273	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. <i>Forensic Science International</i> , 2013 , 224, 101-10	2.6	25
272	Preparation and evaluation of Fe ₃ O ₄ -core@Ag-shell nanoeggs for the development of fingerprints. 2013 , 56, 551-556		19
271	Visualization of latent fingerprints using silica gel G: A new technique. 2013 , 3, 20-25		18
270	Synthesis of down conversion, high luminescent nano-phosphor materials based on new developed Ln ³⁺ :Y ₂ Zr ₂ O ₇ /SiO ₂ for latent fingerprint application. 2013 , 135, 187-195		47
269	CdS/polymer nanocomposites synthesized via surface initiated RAFT polymerization for the fluorescent detection of latent fingermarks. <i>Forensic Science International</i> , 2013 , 228, 105-14	2.6	32
268	The compatibility of fingerprint visualization techniques with immunolabeling. 2013 , 58, 999-1002		20
267	Selective targeting of fingermarks using immunogenic techniques. 2013 , 45, 211-226		30
266	Application of Electrodepositing Graphene Nanosheets for Latent Fingerprint Enhancement. 2014 , 26, 209-215		5

265	Quality of development of latent sebaceous fingerprints coated with thin films of different morphologies. 2014 , 32, 020605	9
264	Effect of dactyloscopic powders on DNA profiling from enhanced fingerprints: results from an experimental study. 2014 , 35, 68-72	14
263	Pararosaniline and crystal violet tagged montmorillonite for latent fingerprint investigation. 2014 , 87, 235-244	12
262	Near-Infrared-Light-Mediated Imaging of Latent Fingerprints based on Molecular Recognition. 2014 , 126, 1642-1646	56
261	Near-infrared-light-mediated imaging of latent fingerprints based on molecular recognition. 2014 , 53, 1616-20	218
260	Finger and Shoe Mark Photography. 2014 , 231-295	
259	Spectroscopic detection of exogenous materials in latent fingerprints treated with powders and lifted off with adhesive tapes. 2014 , 406, 4173-81	13
258	A simple chemical method for visualization of sebaceous fingerprints on unfired cartridge cases by Prussian blue deposition. 2015 , 88, 1896-1901	3
257	Latent fingermarks detection for La ₂ O ₃ :Er ³⁺ /Yb ³⁺ phosphor material in upconversion emission mode: A comparative study. 2015 , 118, 183109	32
256	Application of acid-modified <i>Imperata cylindrica</i> powder for latent fingerprint development. 2015 , 55, 347-54	8
255	Novel non-toxic and red luminescent sensor based on Eu ³⁺ :Y ₂ Ti ₂ O ₇ /SiO ₂ nano-powder for latent fingerprint detection. 2015 , 220, 162-170	66
254	Rare Earth Fluorescent Nanomaterials for Enhanced Development of Latent Fingerprints. 2015 , 7, 28110-5	137
253	Carbon dot based nanopowders and their application for fingerprint recovery. 2015 , 51, 4902-5	84
252	Surface modification for the collection and identification of fingerprints and colorimetric detection of urea nitrate. 2015 , 60, 193-6	5
251	Improvement in fingerprint detection using Tb(III)-dipicolinic acid complex doped nanobeads and time resolved imaging. <i>Forensic Science International</i> , 2015 , 253, 55-63	2.6 13
250	Covalent Patterning and Rapid Visualization of Latent Fingerprints with Photo-Cross-Linkable Semiconductor Polymer Dots. 2015 , 7, 14477-84	60
249	Synthesis of NIR-Responsive NaYF ₄ :Yb,Er Upconversion Fluorescent Nanoparticles Using an Optimized Solvothermal Method and Their Applications in Enhanced Development of Latent Fingerprints on Various Smooth Substrates. 2015 , 31, 7084-90	110
248	Development of laser desorption imaging mass spectrometry methods to investigate the molecular composition of latent fingermarks. 2015 , 26, 878-86	61

247	A Splendid Blend of Nanotechnology and Forensic Science. 2015 , 6,		2
246	Fingerprint composition and aging: A literature review. 2015 , 55, 219-38		132
245	NIR-induced highly sensitive detection of latent finger-marks by NaYF:Yb,Er upconversion nanoparticles in a dry powder state. 2015 , 8, 1800-1810		105
244	Seeing into the infrared: a novel IR fluorescent fingerprint powder. <i>Forensic Science International</i> , 2015 , 249, e21-6	2.6	26
243	A new method of artificial latent fingerprint creation using artificial sweat and inkjet printer. <i>Forensic Science International</i> , 2015 , 257, 403-408	2.6	17
242	A systematic study to understand the effects of particle size distribution of magnetic fingerprint powders on surfaces with various porosities. 2015 , 60, 727-36		4
241	NIR luminescence for the detection of latent fingerprints based on ES IPT and AIE processes. 2015 , 5, 87306-87310		35
240	Application of imaging ellipsometry to the detection of latent fingermarks. <i>Forensic Science International</i> , 2015 , 253, 28-32	2.6	6
239	Forensic Chemistry: The Revelation of Latent Fingerprints. 2015 , 92, 497-504		30
238	The Unwritten Laws of American Fingerprinting. 2016 , 5,		
237	Synthesis of Gd ₂ O ₃ :Ho ³⁺ /Yb ³⁺ upconversion nanoparticles for latent fingerprint detection on difficult surfaces. 2016 , 122, 1		28
236	New developing reagent for latent fingerprint visualization: Fullerene earth (Multani Mitti). 2016 , 6, 449-458		5
235	The Influence of Selected Fingerprint Enhancement Techniques on Forensic DNA Typing of Epithelial Cells Deposited on Porous Surfaces. 2016 , 61 Suppl 1, S221-5		7
234	Unusual Nature of Fingerprints and the Implications for Easy-to-Clean Coatings. 2016 , 32, 619-25		8
233	Latent fingerprints light up: facile development of latent fingerprints using NIR-responsive upconversion fluorescent nanocrystals. 2016 , 6, 36264-36268		35
232	Blue light emitting ceramic nano-pigments of Tm ³⁺ doped YAlO ₃ : Applications in latent finger print, anti-counterfeiting and porcelain stoneware. 2016 , 131, 268-281		73
231	NIR-NIR fluorescence: A new genre of fingerprint visualisation techniques. <i>Forensic Science International</i> , 2016 , 262, e28-33	2.6	17
230	Micronised Egyptian blue pigment: A novel near-infrared luminescent fingerprint dusting powder. 2016 , 132, 310-315		34

229	Synthesis and characterization of multicolour fluorescent nanoparticles for latent fingerprint detection. 2016 , 39, 1565-1568		8
228	Rapid Imaging of Latent Fingerprints Using Biocompatible Fluorescent Silica Nanoparticles. 2016 , 32, 8077-83		93
227	Nanomechanical mapping of latent fingermarks: A preliminary investigation into the changes in surface interactions and topography over time. <i>Forensic Science International</i> , 2016 , 267, 16-24	2.6	32
226	A synthesis of fluorescent starch based on carbon nanoparticles for fingerprints detection. 2016 , 60, 404-410		34
225	Preparation and characterization of new photoluminescent nano-powder based on Eu ³⁺ :La ₂ Ti ₂ O ₇ and dispersed into silica matrix for latent fingerprint detection. 2016 , 1125, 763-771		30
224	Visualization of latent fingerprints using a simple Silver imaging ink 2016 , 8, 6293-6297		11
223	A fruitful demonstration in sensors based on upconversion luminescence of Yb ³⁺ /Er ³⁺ -codoped Sb ₂ O ₃ -WO ₃ -Li ₂ O (SWL) glass-ceramic. 2016 , 3, 076207		2
222	Dual Colorimetric and Fluorescent Imaging of Latent Fingerprints on Both Porous and Nonporous Surfaces with Near-Infrared Fluorescent Semiconducting Polymer Dots. 2016 , 88, 11616-11623		55
221	Neodymium doped yttrium aluminate synthesis and optical properties [A blue light emitting nanophosphor and its use in advanced forensic analysis. 2016 , 134, 227-233		58
220	Eu ²⁺ ,Dy ³⁺ -codoped SrAl ₂ O ₄ nanocrystalline phosphor for latent fingerprint detection in forensic applications. 2016 , 3, 015004		28
219	New Horizons for Ninhydrin: Colorimetric Determination of Gender from Fingerprints. 2016 , 88, 2413-20		38
218	Nucleic-acid-programmed Ag-nanoclusters as a generic platform for visualization of latent fingerprints and exogenous substances. 2016 , 52, 557-60		45
217	The retrieval of fingerprint friction ridge detail from elephant ivory using reduced-scale magnetic and non-magnetic powdering materials. 2016 , 56, 1-8		5
216	Development of latent fingerprints on wet non-porous surfaces with SPR based on basic fuchsin dye. 2016 , 6, 179-184		14
215	Fluorescence Development of Latent Fingerprint with Conjugated Polymer Nanoparticles in Aqueous Colloidal Solution. 2017 , 9, 4908-4915		68
214	A tetraphenylethene-based dye for latent fingerprint analysis. 2017 , 244, 777-784		33
213	Migration of latent fingermarks on non-porous surfaces: Observation technique and nanoscale variations. <i>Forensic Science International</i> , 2017 , 275, 44-56	2.6	19
212	Fluorescent Nanomaterials for the Development of Latent Fingerprints in Forensic Sciences. 2017 , 27, 1606243		98

211	Novel red-emitting Y4Zr3O12:Eu3+ nanophosphor for latent fingerprint technology. 2017 , 141, 348-355	46
210	An overview on forensic analysis devoted to analytical chemists. 2017 , 167, 181-192	26
209	Detection of latent fingerprints based on gas phase adsorption of NO and subsequent application of an ultrasonically nebulized fluorescent probe. 2017 , 9, 1611-1616	5
208	Ultrasound assisted rare earth doped Wollastonite nanopowders: Labeling agent for imaging eccrine latent fingerprints and cheiloscropy applications. 2017 , 51, 90-105	64
207	Sunlight-activated near-infrared phosphorescence as a viable means of latent fingermark visualisation. <i>Forensic Science International</i> , 2017 , 276, e35-e39	2.6 10
206	Red-Emissive Carbon Dots for Fingerprints Detection by Spray Method: Coffee Ring Effect and Unquenched Fluorescence in Drying Process. 2017 , 9, 18429-18433	194
205	Typing DNA profiles from previously enhanced fingerprints using direct PCR. 2017 , 29, 276-282	12
204	Infrared Laser Ablation with Vacuum Capture for Fingermark Sampling. 2017 , 28, 1958-1964	6
203	High-resolution topograms of fingerprints using multiwavelength digital holography. 2017 , 56, 034117	12
202	The potential of chitosan-tripolyphosphate microparticles in the visualisation of latent fingermarks. 2017 , 71, 290-298	5
201	Non-toxic luminescent Au Nanoclusters@Montmorillonite nanocomposites powders for latent fingerprint development. 2017 , 7, 50106-50112	22
200	Development of Well-Preserved, Substrate-Versatile Latent Fingerprints by Aggregation-Induced Enhanced Emission-Active Conjugated Polyelectrolyte. 2017 , 9, 37501-37508	45
199	Interfacial Separation-Enabled All-Dry Approach for Simultaneous Visualization, Transfer, and Enhanced Raman Analysis of Latent Fingerprints. 2017 , 9, 37350-37356	6
198	Rapid Synthesis of C-dots@PGV Nanocomposites Powders for Development of Latent Fingermarks. 2017 , 90, 1217-1223	7
197	Effective visualization of latent fingerprints with red fluorescent La ₂ (MoO ₄) ₃ :Eu ³⁺ microcrystals. 2017 , 727, 919-924	21
196	Universal and one-step visualization of latent fingermarks on various surfaces using hydrophilic cellulose membrane and dye aqueous solution. 2017 , 60, 1250-1257	8
195	Ultrabright Fluorescent Silica Nanoparticles Embedded with Conjugated Oligomers and Their Application in Latent Fingerprint Detection. 2017 , 9, 44134-44145	48
194	Systematic study of dye loaded small mesoporous silica nanoparticles for detecting latent fingerprints on various substrates. 2017 , 24, 13-20	25

193	Covering ability of aluminum pigments prepared by milling processes. 2017 , 305, 396-404	3
192	Here Is Your Fingerprint!. 2017 ,	3
191	Straightforward fabrication of black nano silica dusting powder for latent fingerprint imaging. 2017 ,	1
190	EGCG assisted Y ₂ O ₃ :Eu ³⁺ nanopowders with 3D micro-architecture assemblies useful for latent finger print recognition and anti-counterfeiting applications. 2018 , 264, 426-439	46
189	White-emitting carbon dots with long alkyl-chain structure: Effective inhibition of aggregation caused quenching effect for label-free imaging of latent fingerprint. 2018 , 128, 12-20	88
188	A split aptamer-based imaging solution for the visualization of latent fingerprints. 2018 , 10, 2281-2286	8
187	Rapid visualization of latent fingerprints with Eu-doped La ₂ Ti ₂ O ₇ . 2018 , 201, 275-283	28
186	A pyrene formulation for fluorometric visualization of latent fingerprints. 2018 , 6, 035004	5
185	Cationic dye-diatomite composites: Novel dusting powders for developing latent fingerprints. 2018 , 153, 18-25	22
184	Bio-template assisted solvothermal synthesis of broom-like BaTiO ₃ : Nd ³⁺ hierarchical architectures for display and forensic applications. 2018 , 102, 235-247	22
183	An AIPE-active heteroleptic Ir(III) complex for latent fingerprints detection. 2018 , 259, 840-846	18
182	The effective fingerprint detection application using Gd ₂ Ti ₂ O ₇ :Eu ³⁺ nanophosphors. 2018 , 741, 246-255	33
181	A novel monodisperse SiO@C-dot for the rapid and facile identification of latent fingerprints using self-quenching resistant solid-state fluorescence. 2018 , 47, 5823-5830	31
180	Development of Latent Fingermarks on Nonporous and Semiporous Substrates Using Photoluminescent Eu(Phen) Complex Intercalated Clay Hybrids with Enhanced Adhesion. 2018 , 63, 1718-1726	6
179	Combustion synthesis and characterization of blue long lasting phosphor CaAl ₂ O ₄ : Eu ²⁺ , Dy ³⁺ and its novel application in latent fingerprint and lip mark detection. 2018 , 535, 149-156	21
178	Ultrasound assisted sonochemically engineered effective red luminescent labeling agent for high resolution visualization of latent fingerprints. 2018 , 98, 250-264	20
177	Latent fingerprint development using a novel phenanthro imidazole derivative. 2018 , 351, 253-260	10
176	Characterization of a Novel Co ₂ TiO ₄ Nanopowder for the Rapid Identification of Latent and Blood Fingerprints. 2018 , 51, 1796-1808	13

175	Nanocarbon powder for latent fingerprint development: a green chemistry approach. 2018 , 8,	5
174	Tunable-emission and AIPE-active heteroleptic Ir(III) complexes for fingerprint detection via a spraying technique. 2018 , 6, 10910-10915	8
173	Exposing latent fingerprints on problematic metal surfaces using time of flight secondary ion mass spectroscopy. 2018 , 58, 405-414	10
172	New design of highly sensitive and selective MoO:Eu micro-rods: Probing of latent fingerprints visualization and anti-counterfeiting applications. 2018 , 528, 443-456	24
171	Hexadentate ligand-assisted wet-chemical approach to rare-earth free self-luminescent cocoon-shaped barium orthovanadate nanoparticles for latent fingerprint visualization. 2018 , 271, 164-173	13
170	One-Step Synthesis of Polyethylenimine-Coated Fe ₃ O ₄ Superparamagnetic Nanoparticles for Latent Fingerprint Enhancement. 2018 , 91, 1319-1324	8
169	Fluorescence development of fingerprints by combining conjugated polymer nanoparticles with cyanoacrylate fuming. 2018 , 528, 200-207	13
168	Regioselective Synthesis, Antibacterial, Molecular Docking and Fingerprint Applications of 1-Benzhydrylpiperazine Derivatized 1,4-Disubstituted 1,2,3-Triazoles. 2018 , 3, 8111-8117	8
167	A general powder dusting method for latent fingerprint development based on AIEgens. 2018 , 61, 966-970	24
166	Surface-enhanced Raman spectroscopic identification in fingerprints based on adhesive Au nanofilm.. 2018 , 8, 24477-24484	10
165	Rapid identification of latent fingerprints, security ink and WLED applications of CaZrO ₃ :Eu ³⁺ fluorescent labelling agent fabricated via bio-template assisted combustion route. 2018 , 762, 763-779	68
164	Flux blended synthesis of novel Y ₂ O ₃ :Eu ³⁺ sensing arrays for highly sensitive dual mode detection of LFPs on versatile surfaces. 2018 , 36, 954-964	16
163	Fixing Transient Iodine on Developed Latent Fingermarks. 2019 , 64, 1859-1866	1
162	Highly-selective recognition of latent fingerprints by La-sensitized Ce nanocomposites via electrostatic binding. 2019 , 55, 10579-10582	8
161	Carbon Quantum Dots-Europium(III) Energy Transfer Architecture Embedded in Electrospun Nanofibrous Membranes for Fingerprint Security and Document Counterspy. 2019 , 91, 11185-11191	28
160	Aged fingerprints for DNA profile: First report of successful typing. <i>Forensic Science International</i> , 2019 , 302, 109905	2.6 3
159	Non-conjugated organosilicone fluorescent nanoparticles for latent fingerprint detection. 2019 , 215, 116582	9
158	Synthesis of Photoluminescent CoreShell-Structured Carbon dots@silica Nanocomposite Fingerprint Powders for Latent Fingermarks Visualization. 2019 , 14, 1950068	3

157	Application of magnetic particles in forensic science. 2019 , 121, 115674	9
156	Latent fingerprint development with biosynthesized Nano rust. 2019 ,	0
155	Nucleation and self-assembly dynamics of hierarchical YAlO:Ce architectures: Nano probe for in vitro dermatoglyphics and anti-mimetic applications. 2019 , 99, 282-295	24
154	Versatile deep-red Mg ₂ TiO ₄ :Mn ⁴⁺ phosphor for photoluminescence, thermometry, and latent fingerprint visualization. 2019 , 801, 394-401	22
153	Near Infrared-to-Near Infrared Upconversion Nanocrystals for Latent Fingerprint Development. 2019 , 2, 4518-4527	24
152	Fingerprint detection on low contrast surfaces using phosphorescent nanomaterials. 2019 ,	1
151	Latent Fingerprint Imaging Using Dy and Sm Codoped HfO ₂ Nanophosphors: Structure and Luminescence Properties. 2019 , 36, 1900048	9
150	Rational design of bi-functional RE ³⁺ (RE = Tb, Ce) and alkali metals (M ⁺ = Li, Na, K) co-doped CaAl ₂ O ₄ nanophosphors for solid state lighting and advanced forensic applications. 2019 , 115, 88-97	12
149	Updating procedures in forensic chemistry: One step cyanoacrylate method to develop latent fingerprints and subsequent DNA profiling. 2019 , 147, 478-486	5
148	Versatile fluorescent Gd ₂ MoO ₆ :Eu ³⁺ nanophosphor for latent fingerprints and anti-counterfeiting applications. 2019 , 45, 11591-11599	26
147	A rapid and operator-safe powder approach for latent fingerprint detection using hydrophilic Fe ₃ O ₄ @SiO ₂ -CdTe nanoparticles. 2019 , 62, 889-896	38
146	Lipophilic magnetic nanocomposite of Fe ₃ O ₄ @SiO ₂ @Me for efficient visualization of latent fingerprints on various surfaces. 2019 , 16, 1601-1610	3
145	One pot synthesis of TiO ₂ :Eu ³⁺ hierarchical structures as a highly specific luminescent sensing probe for the visualization of latent fingerprints. 2019 , 37, 134-144	14
144	Multi-fluorescent cationic carbon dots for solid-state fingerprinting. 2019 , 208, 428-436	19
143	Measuring the water content in freshly-deposited fingerprints. <i>Forensic Science International</i> , 2019 , 294, 204-210	2.6 15
142	Development of Latent Fingermarks on Surfaces of Food-A More Realistic Approach. 2019 , 64, 1040-1047	3
141	Photoluminescent and thermoluminescent properties of low temperature synthesized Nd ³⁺ doped Mg ₂ SiO ₄ nanophosphors for display and dosimetry applications. 2019 , 180, 8-19	8
140	Recent Trends Concerning Upconversion Nanoparticles and Near-IR Emissive Lanthanide Materials in the Context of Forensic Applications. 2019 , 72, 164	6

139	Red-emissive conjugated oligomer/silica hybrid nanoparticles with high affinity and application for latent fingerprint detection. 2019 , 565, 118-130	15
138	Pivotal role of fluxes in BaTiO ₃ :Eu ³⁺ nano probes for visualization of latent fingerprints on multifaceted substrates and anti-counterfeiting applications. 2019 , 145, 226-234	38
137	A novel approach of fluorescent porous graphite carbon nitride based silica gel powder for latent fingerprint detection. 2019 , 9, 255-277	8
136	P-doped carbon nano-powders for fingerprint imaging. 2019 , 194, 150-157	17
135	Coronene diimide-based self-assembled (fibre-to-disc) fluorescent aggregates for visualization of latent fingerprints. 2019 , 283, 651-658	12
134	Synthesis of Li ⁺ -ion activated NaYF ₄ : Er ³⁺ /Yb ³⁺ phosphors via a modified solid-state process for latent fingerprint detection. 2019 , 45, 5703-5709	19
133	Enhanced Sunlight driven photocatalytic performance and visualization of latent fingerprint by green mediated ZnFe ₂ O ₄ /RGO nanocomposite. 2020 , 13, 1449-1465	12
132	Fluorescent amphiphilic silica nanopowder for developing latent fingerprints. 2020 , 52, 354-367	3
131	Sensitive development of latent fingerprints using Rhodamine B-diatomaceous earth composites and principle of efficient image enhancement behind their fluorescence characteristics. 2020 , 383, 123076	12
130	A Facilely Synthesized Dual-State Emission Platform for Picric Acid Detection and Latent Fingerprint Visualization. 2020 , 26, 2741-2748	11
129	Flexible Cyclosiloxane-Linked Fluorescent Porous Polymers for Multifunctional Chemical Sensors. 2020 , 9, 43-48	16
128	Advances in conjugated polymers for visualization of latent fingerprints: a critical perspective. 2020 , 44, 19423-19439	6
127	Reduced contact lifting of latent fingerprints from curved surfaces. 2020 , 53, 102520	
126	Synthesis and characterization of fluorescent Europium (III) complex based on D-dextrose composite for latent fingerprint detection. 2020 , 24, 584-605	8
125	Lip print enhancement: review.. 2022 , 7, 24-28	1
124	Dye-doped starch microparticles as a novel fluorescent agent for the visualization of latent fingerprints on porous and non-porous substrates. 2020 , 20, 100264	3
123	Detection of fingerprints on porous papers and performance evaluation. 2020 , 475, 126276	2
122	Robust synthesis of mono-dispersed spherical silica nanoparticle from rice husk for high definition latent fingerprint development. 2020 , 13, 8119-8132	5

121	Synthesis of novel benzocoronene tetracarboxdiimides for fluorescent imaging of latent fingerprints. 2020 , 403, 112824		3
120	Novel C stain-based chemical method for differentiating real and forged fingerprints. 2020 , 10,		
119	Detection of Trace-Level Nitroaromatic Explosives by 1-Pyreneiodide-Ligated Luminescent Gold Nanostructures and Their Forensic Applications. 2020 , 36, 15442-15449		4
118	Synthesis, spectroscopic and photoluminescence studies of novel Eu ³⁺ nanophosphor complex as fluorescent sensor for highly sensitive detection of latent fingerprints and anti-counterfeiting. 2020 , 1217, 128472		8
117	A simple and ubiquitous device for picric acid detection in latent fingerprints using carbon dots. 2020 , 145, 4532-4539		22
116	Detection of High-Explosive Materials within Fingerprints by Means of Optical-Photothermal Infrared Spectromicroscopy. 2020 , 92, 9649-9657		9
115	Efficacy of synthesized azo dye for development of latent fingerprints on Non-porous and wet surfaces. 2020 , 29, 1223-1228		3
114	Bilayer systems based on conjugated polymers for fluorescence development of latent fingerprints on stainless steel. 2020 , 262, 116347		9
113	Dispersion of an SH-Guided Wave in Weld Seam Based on Peridynamics Theory. 2020 , 2020, 1-9		2
112	Novel organic-inorganic hybrid powder SrGaO:Mn-ethyl cellulose for efficient latent fingerprint recognition time-gated fluorescence.. 2020 , 10, 8233-8243		7
111	Automated latent fingerprint identification system: A review. <i>Forensic Science International</i> , 2020 , 309, 110187	2.6	13
110	Biocompatible Fluorescent Nanodiamonds as Multifunctional Optical Probes for Latent Fingerprint Detection. 2020 , 12, 6641-6650		25
109	Spectroscopic characterization of Er,Yb:Y ₂ Ti ₂ O ₇ phosphor for latent fingerprint detection. 2020 , 582, 412009		5
108	Investigation of benzophenoxazine derivatives for the detection of latent fingerprints on porous surfaces. 2020 , 392, 112416		2
107	Nano cuboids: Impact of 8-hydroxyquinoline on tryptophan properties and its applications. 2020 , 61, 151698		1
106	Evaluation and characterization of algal biomass applied to the development of fingermarks on glass surfaces. 2021 , 53, 337-346		8
105	A novel chitosan/tripolyphosphate/L-lysine conjugates for latent fingerprints detection and enhancement. 2021 , 66, 149-160		2
104	Lighting up forensic science by aggregation-induced emission: A review. 2021 , 1155, 238119		2

103	Evaluation of latent fingermark color contrast as aging parameter under different environmental conditions: A preliminary study. 2021 , 66, 719-736	0
102	Ratiometric chemosensor for differentiation of TNP from other NACs using distinct blue fluorescence and visualization of latent fingerprints. 2021 , 9, 1097-1106	5
101	Multifunctional lipophilic purines: a coping strategy for anti-counterfeiting, lipid droplet imaging and latent fingerprint development. 2021 , 5, 6603-6610	2
100	Coronene diimide-based 'bowl' nanostructures as red emitters for the analysis of latent fingerprints and metal ion detection.. 2021 , 11, 5860-5864	2
99	Magnetic perovskite nanoparticles for latent fingerprint detection. 2021 , 13, 12038-12044	2
98	Latent Fingermark Aging in 2D: Qualitative and Quantitative Analytical Approaches. 2021 , 113-157	0
97	Fluorescence spotting of latent sweat fingerprints with zinc oxide carbon dots embedded in a silica gel nanopowder: a green approach. 2021 , 45, 17447-17460	3
96	Latent Fingerprinting: A Review. 2021 , 45-54	
95	Synthesis of a New Series of Organic Solid-State Near-Infrared Emitters: The Role of Crystal Packing and Weak Intermolecular Interactions and Application in Latent Fingerprint Detection. 2021 , 21, 1062-1076	4
94	Harnessing long-lived visible phosphorescence to eliminate background interference from fingermark images. 2021 , 146, 5225-5229	0
93	Synthesis of gold nanoparticles immobilized on fibrous nano-silica for latent fingerprints detection. 2021 , 28, 751-762	2
92	Monofunctional curcumin analogues: evaluation of green and safe developers of latent fingerprints. 2021 , 75, 3119-3129	3
91	Visualization and fluorescence spectroscopy of fingerprints on glass slide using combined 405 nm laser and phase contrast microscope. 2021 , 24, 665-670	2
90	A user-secure and highly selective enhancement of latent fingerprints by magnetic composite powder based on carbon dot fluorescence. 2021 , 856, 158160	7
89	Preparation of fluorescent conjugated polymer micelles with multi-color emission for latent fingerprint imaging. 2021 , 615, 126192	5
88	Multi-stimuli-responsive fluorescent materials based on N, O-chelated BF ₂ complexes: Self-assembling, sensory properties and detection of latent fingerprint. 2021 , 115, 111006	2
87	Nanomaterials for latent fingerprint detection: a review. 2021 , 12, 1856-1885	18
86	Development of Latent Fingerprints on Non-Porous Surface with Fluorescent Dye Based Small Particle Reagent. 2021 , 443-447	

85	Commonly available, everyday materials as non-conventional powders for the visualization of latent fingerprints. 2021 , 24, 100339	3
84	Fluorescent Labeling of Silica Gel Powder using Zingiber Montanum Extract for a Bright Latent Fingerprint Detection under UV Light. 2021 , 37, 541-546	2
83	Fluorescent Cationic Conjugated Polymer-Based Adaptive Developing Strategy for Both Sebaceous and Blood Fingerprints. 2021 , 13, 27419-27429	2
82	Ultrahigh stable lead halide perovskite nanocrystals as bright fluorescent label for the visualization of latent fingerprints. 2021 , 32,	
81	Poly(neutral red) modified metal substrates for fingerprint visualization. 2021 , 75, 6673	0
80	Detection of Acetaminophen and Its Glucuronide in Fingerprint by SALDI Mass Spectrometry Using Zeolite and Study of Time-Dependent Changes in Detected Ion Amount. 2021 , 2, 66-75	
79	Quantifying contrast of latent fingerprints developed by fluorescent nanomaterials based on spectral analysis. 2021 , 231, 122138	1
78	Luminescent nanostructures for the detection of latent fingermarks: A review.	0
77	A critical review of fundamentals and applications of electrochemical development and imaging of latent fingerprints. 2021 , 390, 138798	7
76	Phase and luminescence behaviour of Ce-doped zirconia nanopowders for latent fingerprint visualisation. 2021 , 242, 167087	7
75	Quantitative evaluation of latent fingermarks with novel enhancement and illumination. 2021 , 61, 635-648	0
74	A butterfly-shaped ESIPT molecule with solid-state fluorescence for the detection of latent fingerprints and exogenous and endogenous ONOO by caging of the phenol donor. 2021 , 233, 122593	4
73	Highly stable cesium lead bromide perovskite nanocrystals for ultra-sensitive and selective latent fingerprint detection. 2021 , 1181, 338850	5
72	Nanoparticles as fingerprint sensors. 2021 , 143, 116378	10
71	Synthesis and photophysical behavior of fluorescent benzazole dyes and fluorescent microparticles: Their use as fingerprint developer. 2021 , 420, 113494	1
70	Comparison of NIR powders to conventional fingerprint powders. <i>Forensic Science International</i> , 2021 , 328, 111023	2.6 0
69	Chemical composition effect on latent print development using black fingerprint powders. 2021 , 26, 100366	3
68	A facile construction of bifunctional core-shell magnetic fluorescent FeO@YVO:Eu microspheres for latent fingerprint detection. 2022 , 605, 425-431	8

67	Highly emissive near-infrared solid organic fluorophores for visualization of latent fingerprints based on the powder dusting method. 2021 , 9, 7345-7350	4
66	A rapid and dual-mode visualization of latent and bloody fingermarks using Cr- and Sb-codoped titanium dioxide nanoparticles. 2021 , 56, 5543-5554	5
65	The multifaceted dimensions of potent nanostructures: a comprehensive review. 2021 , 5, 2967-2995	1
64	Past, Present, and Future of the Forensic Use of Fingermarks. 2021 , 1-33	0
63	AIE + ESIPT based red fluorescent aggregates for visualization of latent fingerprints. 2018 , 42, 12900-12907	22
62	Development of AIEgen π -montmorillonite nanocomposite powders for computer-assisted visualization of latent fingerprints. 2020 , 4, 2131-2136	11
61	Powder Methods. 2012 , 1-16	1
60	Systematic Study on STR Profiling on Blood and Saliva Traces after Visualization of Fingerprint Marks. 2003 , 48, 2002243	21
59	Developmental Validation of a Real-Time Quantitative PCR Assay for Automated Quantification of Human DNA. 2003 , 48, 2002440	34
58	Synthesis of Composite Particles with Fe ₃ O ₄ core and Ag Shell for the Development of Fingerprints. 2013 , 34, 1457-1461	12
57	Visualisation of Amphetamine Contamination in Fingerprints Using TOF-SIMS Technique. 2021 , 14,	1
56	Surface Chemistry Modified Core-Shell Structured SiO ₂ @LaOF:Eu ³⁺ /Li ⁺ Nanophosphors for Advanced Forensic Applications. 2021 ,	2
55	Dermatoglyphics.	
54	A study on surface modification of Ag powder for developing latent fingerprints. 2010 , 23, 216-223	
53	A study on the optimal conditions for latent fingerprint development using cyanoacrylate fuming method in vacuum chamber. 2012 , 25, 164-170	1
52	Preliminary semi-quantitative evaluation of developed latent fingerprints on non-porous surface with natural powders using a densitometric image analysis. 2016 , 29, 283-292	1
51	Development of latent fingerprint detection based on UV induced fluorescence. 2018 ,	
50	Latent Fingerprint Visualization and Subsequent DNA Extraction Using Electron Beam Evaporation of Metallic Ultra-Thin Films. 2019 , 15, 248-253	

- 49 Detection of latent fingerprints on papers. **2019**,
- 48 Effectiveness of Talcum Powder for Decipherment of Latent Fingerprints on Various Substrates. **2020**, 33, 120-126 0
- 47 Rapid Imaging of Latent Fingerprints Using Xanthone Compounds on Silica Nanoparticles Detected by UV Spectrophotometry. **2020**, 569-576
- 46 Smartphones for latent fingerprint processing and photography: A revolution in forensic science. **2021**, 3, 0
- 45 Uniform Core-shell SiO₂@Sr₂CeO₄:Eu³⁺+nanocomposites: Exploring multiple strategies towards flexible luminescent films and data security applications. **2021**, 28, 101583 1
- 44 Laser Scanning Confocal Imaging of Forensic Samples and Their 3D Visualization. 13-28
- 43 An investigation of latent fingerprinting techniques. **2021**, 11, 2
- 42 Functionalized surfaces created by perturbation in luminescent polymer nanocomposites: Materials for forensic and security ink applications. **2021**, 634, 127770 0
- 41 Photoactive organic-inorganic hybrid materials: From silylated compounds to optical applications. **2021**, 51, 100474 2
- 40 Fingerprint segmentation of UV induced fluorescence image using fuzzy enhancement. **2021**,
- 39 Preliminary assessment of fingermark development techniques for recovering faint ridge impressions from persons with ectodermal dysplasia. 1-11 0
- 38 Preparation of Novel Magnetic Nanomaterials Based on "Facile Coprecipitation" for Developing Latent Fingerprints (LFP) in Crime Scenes.. **2022**, 7, 1712-1721 0
- 37 Zinc oxide nanoparticles for detection of latent fingermarks on nonporous surfaces. **2022**, 278, 125660 2
- 36 Excitation-wavelength-dependent luminescence of Sr₃P₄O₁₃:Eu³⁺ amber-emitting microphosphor for fluorescence latent fingerprint visualization. **2022**, 149, 107763 0
- 35 A Facile Microwave-Assisted Green Synthetic Approach of Solid-State Fluorescent Carbon-Dot Nanopowders Derived from Biowaste for Potential Latent-Fingerprint Enhancement.
- 34 Versatile core-shell magnetic fluorescent mesoporous microspheres for multilevel latent fingerprints magneto-optic information recognition. 0
- 33 Monitoring the chemical changes in fingermark residue over time using synchrotron infrared spectroscopy.. **2022**, 3
- 32 Aptamer Functionalization and High-Contrast Reversible Dual-Color Photoswitching Fluorescence Of Polymeric Nanoparticles For Latent Fingerprints Imaging.

31	Eu-Doped Pyrochlore Crystal Nano-Powders as Fluorescent Solid for Fingerprint Visualization and for Anti-Counterfeiting Applications.. 2022 , 15,	1
30	Development of red-emitting La ₂ ZnTiO ₆ :Eu ³⁺ phosphors for WLED and visualization of latent fingerprint applications. 2022 , 103391	
29	Recent progress of fluorescent materials for fingermarks detection in forensic science and anti-counterfeiting. 2022 , 462, 214523	5
28	A review on recovery of latent fingerprints on different substrates immersed under muddy water. 2022 , 7, 4-7	
27	UCNPs in Solar, Forensic, Security Ink, and Anti-counterfeiting Applications. 2022 , 319-346	0
26	Tuning circularly polarized luminescence of polymer-stabilized cholesteric liquid crystal films using chiral dopants.	2
25	Enhanced developing property of latent fingerprint based on inclusion complex of β -cyclodextrin with natural berberine extracted from <i>Coptis chinensis</i> . 1	0
24	Eu-Doped Gd ₂ Mo ₂ O ₉ Phosphors for Latent Fingerprints Detection. 2022 , 225, 160-172	0
23	Aptamer functionalization and high-contrast reversible dual-color photoswitching fluorescence of polymeric nanoparticles for latent fingerprints imaging. 2022 , 132049	1
22	A highly intense double perovskite BaSrYZrO _{5.5} : Eu ³⁺ phosphor for latent fingerprint and security ink applications. 2022 ,	0
21	Comparative study of development of latent fingerprint by using cost effective waste materials. 2022 ,	1
20	Fingerprint development on living and dead subjects: analysis of thermal paper transfers with different methods. 1-12	
19	Zinc oxide (ZnO) nanoparticles: Synthesis properties and their forensic applications in latent fingerprints development. 2022 ,	1
18	Magnetically separable template assisted iron nanoparticle for the enhancement of latent fingerprints. 2022 , 99, 100661	0
17	Metal-free and ecofriendly photoluminescent nanoparticles for visualization of latent fingerprints, anticounterfeiting, and information encryption. 2022 , 372, 132649	2
16	A Systematic Analysis and capturing of Complete and Latent Fingerprints. 2022 ,	0
15	Development of latent fingerprints using colored inclusion complex powders of Cationic β -cyclodextrin with organic dyes from wastewater effluents.	0
14	Construction, Mechanism, and Forensic Application of Green-Light-Excited Fluorescent Carbon Dots/Diatomite Composites. 2022 , 10, 14294-14308	0

- 13 Synthesis of D-A typed AIE luminogens in isomeric architecture and their application in latent fingerprints imaging. **2022**, 107910 ○
- 12 Visualization and dermatoglyphics of latent fingerprints (sweat pores): Security ink for anticounterfeiting labels and case studies. **2022**, 114418 ○
- 11 From nanomaterials to macromolecules: Innovative technologies for latent fingerprint development. ○
- 10 New fluorescent electrospun polymer materials containing phenothiazinyl carboxylate metal salts for versatile latent fingerprint detection. **2023**, 211, 111085 1
- 9 Comparative study of rose and hibiscus petals powders in latent friction ridge analysis. **2022**, 145-155 ○
- 8 Detection of fingerprints on moist crime evidence: A students activity. 1-5 ○
- 7 Fluorescent quantum dots as labeling agents for the effective detection of latent fingerprints on various surfaces. **2023**, 539-574 ○
- 6 Multi-responsive supramolecular gel based on uracil as latent fingerprints imaging material. **2023**, 213, 111160 ○
- 5 Use of conductive Ti2O3 nanoparticles for optical and electrochemical imaging of latent fingerprints on various substrates. **2023**, 936, 117387 ○
- 4 Rough Surface Enhanced Interfacial Synthesis of Core-Shell Magnetic Fluorescent Microspheres for Enhanced Latent Fingerprint Visualization. **2023**, 10, 2202479 ○
- 3 Review of the Fingerprint Liveness Detection (LivDet) Competition Series: From 2009 to 2021. **2023**, 57-76 ○
- 2 Pilot Study on the Visualization of Latent Fingerprints and Naked Eye Detection of Hg²⁺ and Zn²⁺ Ions in Aqueous Media Using Ninhydrin-Based Thiosemicarbazone. **2023**, 95, 6448-6457 ○
- 1 Preparation of a low-cost fingerprint powder that harnesses white light to emit long-lived phosphorescence. **2023**, 63, 500-508 ○