A Releaseâ€Induced Response for the Rapid Recognitio of Inkjetâ€Printed Patterns

Angewandte Chemie - International Edition

50, 3706-3709

DOI: 10.1002/anie.201006537

Citation Report

#	Article	IF	Citations
1	Functional Applications of Electrospun Nanofibers. , 0, , .		30
2	Inkjet printed colloidal photonic crystal microdot with fast response induced by hydrophobic transition of poly(N-isopropyl acrylamide). Journal of Materials Chemistry, 2012, 22, 21405.	6.7	89
3	Multifunctional ionomer-derived honeycomb-patterned architectures and their performance in light enhancement of light-emitting diodes. Journal of Materials Chemistry, 2012, 22, 4089.	6.7	32
5	Amphiphilic Eggâ€Derived Carbon Dots: Rapid Plasma Fabrication, Pyrolysis Process, and Multicolor Printing Patterns. Angewandte Chemie - International Edition, 2012, 51, 9297-9301.	7.2	604
6	Graduate Theses and Dissertations. , 2012, , 63-79.		13
7	Plant leaf-derived fluorescent carbon dots for sensing, patterning and coding. Journal of Materials Chemistry C, 2013, 1, 4925.	2.7	275
8	Non-destructive enhancement of latent fingerprints on stainless steel surfaces by electrochemiluminescence. Analyst, The, 2013, 138, 2357.	1.7	28
9	Electrospun fluorescein-embedded nanofibers towards fingerprint recognition and luminescent patterns. RSC Advances, 2013, 3, 19403.	1.7	8
11	Nanoplasmonic Imaging of Latent Fingerprints and Identification of Cocaine. Angewandte Chemie - International Edition, 2013, 52, 11542-11545.	7.2	150
12	Robust Self-Healing Hydrogels Assisted by Cross-Linked Nanofiber Networks. Scientific Reports, 2013, 3, 2811.	1.6	42
13	Multiplex mass spectrometry imaging for latent fingerprints. Journal of Mass Spectrometry, 2013, 48, 100-104.	0.7	58
14	Encodable multiple-fluorescence CdTe@carbon nanoparticles from nanocrystal/colloidal crystal guestâ€“host ensembles. Nanotechnology, 2013, 24, 135602.	1.3	9
15	Nanofibrous patterns by direct electrospinning of nanofibers onto topographically structured non-conductive substrates. Nanoscale, 2013, 5, 4993.	2.8	74
16	Fiber Collection. , 2013, , 149-158.		0
17	Nanoparticles meet electrospinning: recent advances and future prospects. Chemical Society Reviews, 2014, 43, 4423.	18.7	534
18	Switchable fluorescent AIE-active nanoporous fibers for cyclic oil adsorption. RSC Advances, 2014, 4, 17255-17261.	1.7	16
19	Advances in the development and component recognition of latent fingerprints. Science China Chemistry, 2015, 58, 1090-1096.	4.2	50
20	Green synthesis of carbon nanodots from cotton for multicolor imaging, patterning, and sensing. Sensors and Actuators B: Chemical, 2015, 221, 769-776.	4.0	74

#	Article	IF	Citations
21	Development of Large-Scale Size-Controlled Adult Pancreatic Progenitor Cell Clusters by an Inkjet-Printing Technique. ACS Applied Materials & Interfaces, 2015, 7, 11624-11630.	4.0	10
22	High Excimerâ€State Emission of Perylene Bisimides and Recognition of Latent Fingerprints. Chemistry - A European Journal, 2015, 21, 5680-5684.	1.7	23
23	Herbages-derived fluorescent carbon dots and CdTe/carbon ensembles for patterning. Journal of Materials Science, 2016, 51, 8108-8115.	1.7	11
24	Electrostatic Assemblies of Well-Dispersed AgNPs on the Surface of Electrospun Nanofibers as Highly Active SERS Substrates for Wide-Range pH Sensing. ACS Applied Materials & Interfaces, 2016, 8, 14802-14811.	4.0	64
25	Hydrochromic Approaches to Mapping Human Sweat Pores. Accounts of Chemical Research, 2016, 49, 1211-1222.	7.6	84
26	Simultaneous Transfer and Imaging of Latent Fingerprints Enabled by Interfacial Separation of Polydopamine Thin Film. Analytical Chemistry, 2016, 88, 10357-10361.	3.2	17
27	Visualization of Sweat Fingerprints on Various Surfaces Using a Conjugated Polyelectrolyte. ACS Applied Materials & Interfaces, 2016, 8, 24025-24029.	4.0	19
28	Emerging Progress of Inkjet Technology in Printing Optical Materials. Advanced Optical Materials, 2016, 4, 1915-1932.	3.6	84
29	Visualization of latent fingerprints using a simple â€œsilver imaging inkâ€• Analytical Methods, 2016, 8, 6293-6297.	1.3	19
30	High-Resolution and Universal Visualization of Latent Fingerprints Based on Aptamer-Functionalized Coreâ€“Shell Nanoparticles with Embedded SERS Reporters. ACS Applied Materials & Interfaces, 2016, 8, 14389-14395.	4.0	58
31	A Magnetically Responsive Polydiacetylene Precursor for Latent Fingerprint Analysis. ACS Applied Materials & Interfaces, 2016, 8, 6245-6251.	4.0	48
32	Printable Functional Chips Based on Nanoparticle Assembly. Small, 2017, 13, 1503339.	5.2	47
33	Fabrication of ordered konjac glucomannan microfiber arrays via facile microfluidic spinning method. Materials Letters, 2017, 196, 410-413.	1.3	20
34	Interfacial Separation-Enabled All-Dry Approach for Simultaneous Visualization, Transfer, and Enhanced Raman Analysis of Latent Fingerprints. ACS Applied Materials & Interfaces, 2017, 9, 37350-37356.	4.0	7
35	Surface-engineered quantum dots/electrospun nanofibers as a networked fluorescence aptasensing platform toward biomarkers. Nanoscale, 2017, 9, 17020-17028.	2.8	47
36	Most simple preparation of an inkjet printing of silver nanoparticles on fibrous membrane for water purification: Technological and commercial application. Journal of Industrial and Engineering Chemistry, 2017, 46, 273-278.	2.9	32
37	Ratiometrically Fluorescent Electrospun Nanofibrous Film as a Cu²⁺-Mediated Solid-Phase Immunoassay Platform for Biomarkers. Analytical Chemistry, 2018, 90, 9966-9974.	3.2	46
38	Recent progress in background-free latent fingerprint imaging. Nano Research, 2018, 11, 5499-5518.	5.8	77

#	Article	IF	Citations
39	Multifunctional Micro/Nanoscale Fibers Based on Microfluidic Spinning Technology. Advanced Materials, 2019, 31, e1903733.	11.1	161
40	Preparation of Aptamer-functionalized Au@pNTP@SiO2 Core-Shell Surface-enhanced Raman Scattering Probes for Raman Imaging Study of Adhesive Tape Transferred-Latent Fingerprints. Chinese Journal of Analytical Chemistry, 2019, 47, 998-1005.	0.9	10
41	Preparation of nitrogen-doped carbon dots with a high fluorescence quantum yield for the highly sensitive detection of Cu2+ ions, drawing anti-counterfeit patterns and imaging live cells. New Carbon Materials, 2019, 34, 390-402.	2.9	36
42	Maskless Arrayed Nanofiber Mats by Bipolar Pyroelectrospinning. ACS Applied Materials & Interfaces, 2019, 11, 3382-3387.	4.0	17
43	Flexible Cyclosiloxane-Linked Fluorescent Porous Polymers for Multifunctional Chemical Sensors. ACS Macro Letters, 2020, 9, 43-48.	2.3	35
44	Nanofibrous paper for fingerprint mapping and the inspiration in microimprinting assisted precious patterning. Composites Communications, 2020, 22, 100479.	3.3	3
45	Individual Cloud-Based Fingerprint Operation Platform for Latent Fingerprint Identification Using Perovskite Nanocrystals as Eikonogen. ACS Applied Materials & Interfaces, 2020, 12, 13494-13502.	4.0	26
46	Novel organicâ€“inorganic hybrid powder SrGa₁₂O₁₉:Mn²⁺â€“ethyl cellulose for efficient latent fingerprint recognitionviatime-gated fluorescence. RSC Advances, 2020, 10, 8233-8243.	1.7	18
47	Recent insights into functionalized electrospun nanofibrous films for chemo-/bio-sensors. TrAC - Trends in Analytical Chemistry, 2020, 124, 115813.	5.8	51
48	Ultrahigh stable lead halide perovskite nanocrystals as bright fluorescent label for the visualization of latent fingerprints. Nanotechnology, 2021, 32, 375601.	1.3	0
49	Development of red-emitting Ba2LaSbO6:Mn4+ phosphors for latent fingerprint detection. Ceramics International, 2021, 47, 19496-19504.	2.3	26
50	Overview of Nano-Fiber Mats Fabrication via Electrospinning and Morphology Analysis. Textiles, 2021, 1, 206-226.	1.8	43
51	Dual-mode luminescent multilayer core-shell UCNPs@SiO2@TEuTbB nanospheres for high-level anti-counterfeiting and recognition of latent fingerprints. Applied Surface Science, 2022, 581, 152395.	3.1	19
52	The pH sensitive fluorescence SiO2@TEuTTA/CS composite films and inks for anti-counterfeiting. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 652, 129759.	2.3	1
53	Recent Progress in Visualization and Analysis of Fingerprint Level 3 Features. ChemistryOpen, 2022, 11, .	0.9	8
55	Conventional Substrates for Printed Electronics. , 2022, , 243-289.		0
56	From nanomaterials to macromolecules: Innovative technologies for latent fingerprint development. Wiley Interdisciplinary Reviews Forensic Science, 2023, 5, .	1.2	6
57	New fluorescent electrospun polymer materials containing phenothiazinyl carboxylate metal salts for versatile latent fingerprint detection. Dyes and Pigments, 2023, 211, 111085.	2.0	4

#	Article	IF	Citations
61	Multifunctional Eu(<scp>iii</scp>)-modified HOFs: roxarsone and aristolochic acid carcinogen monitoring and latent fingerprint identification based on artificial intelligence. Materials Horizons, 2023, 10, 5782-5795.	6.4	4