

Brian Creran

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11171451/publications.pdf>

Version: 2024-02-01

14
papers

1,672
citations

758635

12
h-index

1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

3525
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold nanoparticles: preparation, properties, and applications in bionanotechnology. <i>Nanoscale</i> , 2012, 4, 1871-1880.	2.8	1,067
2	Array-based sensing with nanoparticles: "Chemical noses"™ for sensing biomolecules and cell surfaces. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 728-736.	2.8	135
3	Colorimetric Protein Sensing Using Catalytically Amplified Sensor Arrays. <i>Small</i> , 2012, 8, 3589-3592.	5.2	100
4	Detection of Bacteria Using Inkjet-Printed Enzymatic Test Strips. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 19525-19530.	4.0	73
5	Dopamine coated Fe ₃ O ₄ nanoparticles as enzyme mimics for the sensitive detection of bacteria. <i>Chemical Communications</i> , 2017, 53, 12306-12308.	2.2	62
6	Laser desorption ionization mass spectrometric imaging of mass barcoded gold nanoparticles for security applications. <i>Chemical Communications</i> , 2012, 48, 4543.	2.2	42
7	Regulating exocytosis of nanoparticles via host-guest chemistry. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2474-2479.	1.5	40
8	Controlled and Sustained Release of Drugs from Dendrimer-Nanoparticle Composite Films. <i>Advanced Materials</i> , 2011, 23, 2839-2842.	11.1	36
9	Direct Patterning of Engineered Ionic Gold Nanoparticles via Nanoimprint Lithography. <i>Advanced Materials</i> , 2012, 24, 6330-6334.	11.1	32
10	Inkjet-Printed Gold Nanoparticle Surfaces for the Detection of Low Molecular Weight Biomolecules by Laser Desorption/Ionization Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 1931-1937.	1.2	31
11	Chemically Directed Immobilization of Nanoparticles onto Gold Substrates for Orthogonal Assembly Using Dithiocarbamate Bond Formation. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 795-799.	4.0	28
12	Gradient and Patterned Protein Films Stabilized via Nanoimprint Lithography for Engineered Interactions with Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42-46.	4.0	15
13	Polymer "Nanoparticle Assemblies for Array Based Sensing. <i>Current Organic Chemistry</i> , 2015, 19, 1054-1062.	0.9	7
14	Flavin-Functionalized Amphiphilic Block Copolymer Gels. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 1758-1767.	1.1	4