

# 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

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all docs

15  
docs citations

15  
times ranked

3525  
citing authors

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