ChloÃ© Grazon

List of Publications by Year
in descending order

26 papers	958 citations	623188 14 h-index	642321 23 g-index
27 all docs	27 docs citations	27 times ranked	1386 citing authors

#	Article	IF	Citations
1	Pegylated thermally responsive block copolymer micelles and nanogels via in situ RAFT aqueous dispersion polymerization. Journal of Polymer Science Part A, 2009, 47, 2373-2390.	2.5	189
2	Quantum dot-loaded monofunctionalized DNA icosahedra for single-particle tracking of endocytic pathways. Nature Nanotechnology, 2016, 11, 1112-1119.	15.6	142
3	Aqueous Ringâ€Opening Polymerizationâ€Induced Selfâ€Assembly (ROPISA) of Nâ€Carboxyanhydrides. Angewandte Chemie - International Edition, 2020, 59, 622-626.	7.2	129
4	Study of poly(N,N-diethylacrylamide) nanogel formation by aqueous dispersion polymerization of N,N-diethylacrylamide in the presence of poly(ethylene oxide)-b-poly(N,N-dimethylacrylamide) amphiphilic macromolecular RAFT agents. Soft Matter, 2011, 7, 3482.	1.2	90
5	A progesterone biosensor derived from microbial screening. Nature Communications, 2020, 11, 1276.	5.8	53
6	Ultrabright Fluorescent Polymeric Nanoparticles Made from a New Family of BODIPY Monomers. Macromolecules, 2013, 46, 5167-5176.	2.2	51
7	Rapid and accurate detection of Escherichia coli growth by fluorescent pH-sensitive organic nanoparticles for high-throughput screening applications. Biosensors and Bioelectronics, 2016, 75, 320-327.	5.3	44
8	Fast, Efficient, and Stable Conjugation of Multiple DNA Strands on Colloidal Quantum Dots. Bioconjugate Chemistry, 2015, 26, 1582-1589.	1.8	42
9	Oneâ€Pot Synthesis of Pegylated Fluorescent Nanoparticles by RAFT Miniemulsion Polymerization Using a Phase Inversion Process. Macromolecular Rapid Communications, 2011, 32, 699-705.	2.0	31
10	Hydrogel-Embedded Quantum Dotâ€“Transcription Factor Sensors for Quantitative Progesterone Detection. ACS Applied Materials & Interfaces, 2020, 12, 43513-43521.	4.0	27
11	Aqueous ROPISA of Î±-amino acid N-carboxyanhydrides: polypeptide block secondary structure controls nanoparticle shape anisotropy. Polymer Chemistry, 2021, 12, 6242-6251.	1.9	27
12	Aqueous Ringâ€Opening Polymerizationâ€Induced Selfâ€Assembly (ROPISA) of Nâ€Carboxyanhydrides. Angewandte Chemie, 2020, 132, 632-636.	1.6	26
13	Ultrabright BODIPY-Tagged Polystyrene Nanoparticles: Study of Concentration Effect on Photophysical Properties. Journal of Physical Chemistry C, 2014, 118, 13945-13952.	1.5	19
14	Semiconductor Nanoplatelets: A New Class of Ultrabright Fluorescent Probes for Cytometric and Imaging Applications. ACS Applied Materials & Interfaces, 2018, 10, 24739-24749.	4.0	15
15	A versatile and accessible polymer coating for functionalizable zwitterionic quantum dots with high DNA grafting efficiency. Chemical Communications, 2019, 55, 11067-11070.	2.2	14
16	Fluorescent Copolymers for Bacterial Bioimaging and Viability Detection. ACS Sensors, 2020, 5, 2843-2851.	4.0	12
17	Surface Immobilized Nucleic Acidâ€“Transcription Factor Quantum Dots for Biosensing. Advanced Healthcare Materials, 2020, 9, e2000403.	3.9	10
18	Fluorescent coreâ€“shell nanoparticles and nanocapsules using comb-like macromolecular RAFT agents: synthesis and functionalization thereof. Polymer Chemistry, 2016, 7, 4272-4283.	1.9	9

#	Article	IF	Citations
19	Coreâ€“shell polymeric nanoparticles comprising BODIPY and fluorescein as ultra-bright ratiometric fluorescent pH sensors. Photochemical and Photobiological Sciences, 2019, 18, 1156-1165.	1.6	9
20	A novel type of quantum dotâ€“transferrin conjugate using DNA hybridization mimics intracellular recycling of endogenous transferrin. Nanoscale, 2017, 9, 15453-15460.	2.8	7
21	An Allosteric Transcription Factor DNA-Binding Electrochemical Biosensor for Progesterone. ACS Sensors, 2022, 7, 1132-1137.	4.0	5
22	The quantum dot vs. organic dye conundrum for ratiometric FRET-based biosensors: which one would you chose?. Chemical Science, 2022, 13, 6715-6731.	3.7	5
23	Phase Transfer and DNA Functionalization of Quantum Dots Using an Easy-to-Prepare, Low-Cost Zwitterionic Polymer. Methods in Molecular Biology, 2020, 2135, 125-139.	0.4	1
24	Luminescence-Sensitive Surfaces Bearing Ratiometric Nanoparticles for Bacteria Growth Detection. ACS Applied Polymer Materials, 0, , .	2.0	1
25	Titelbild: Aqueous Ringâ€Opening Polymerizationâ€Induced Selfâ€Assembly (ROPISA) of Nâ€Carboxyanhydrides (Angew. Chem. 2/2020). Angewandte Chemie, 2020, 132, 517-517.	1.6	0
26	FRET-mediated quenching of BODIPY fluorescent nanoparticles by methylene blue and its application to bacterial imaging. Photochemical and Photobiological Sciences, 2022, , 1.	1.6	0