

ChloÃ© Grazon

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

958
citations

623188

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642321

23
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27
all docs

27
docs citations

27
times ranked

1386
citing authors

#	ARTICLE	IF	CITATIONS
1	An Allosteric Transcription Factor DNA-Binding Electrochemical Biosensor for Progesterone. ACS Sensors, 2022, 7, 1132-1137.	4.0	5
2	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
3	The quantum dot <i>vs.</i> organic dye conundrum for ratiometric FRET-based biosensors: which one would you chose?. Chemical Science, 2022, 13, 6715-6731.	3.7	5
4	Aqueous ROPISA of Î±-amino acid <i>N</i>-carboxyanhydrides: polypeptide block secondary structure controls nanoparticle shape anisotropy. Polymer Chemistry, 2021, 12, 6242-6251.	1.9	27
5	Aqueous Ringâ€Opening Polymerizationâ€Induced Selfâ€Assembly (ROPISA) of Nâ€Carboxyanhydrides. Angewandte Chemie - International Edition, 2020, 59, 622-626.	7.2	129
6	Aqueous Ringâ€Opening Polymerizationâ€Induced Selfâ€Assembly (ROPISA) of Nâ€Carboxyanhydrides. Angewandte Chemie, 2020, 132, 632-636.	1.6	26
7	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
8	Surface Immobilized Nucleic Acidâ€Transcription Factor Quantum Dots for Biosensing. Advanced Healthcare Materials, 2020, 9, e2000403.	3.9	10
9	Fluorescent Copolymers for Bacterial Bioimaging and Viability Detection. ACS Sensors, 2020, 5, 2843-2851.	4.0	12
10	Hydrogel-Embedded Quantum Dotâ€Transcription Factor Sensors for Quantitative Progesterone Detection. ACS Applied Materials & Interfaces, 2020, 12, 43513-43521.	4.0	27
11	A progesterone biosensor derived from microbial screening. Nature Communications, 2020, 11, 1276.	5.8	53
12	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
13	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
14	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
15	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
16	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
17	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
18	Quantum dot-loaded monofunctionalized DNA icosahedra for single-particle tracking of endocytic pathways. Nature Nanotechnology, 2016, 11, 1112-1119.	15.6	142

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19	Rapid and accurate detection of Escherichia coli growth by fluorescent pH-sensitive organic nanoparticles for high-throughput screening applications. <i>Biosensors and Bioelectronics</i> , 2016, 75, 320-327.	5.3	44
20	Fast, Efficient, and Stable Conjugation of Multiple DNA Strands on Colloidal Quantum Dots. <i>Bioconjugate Chemistry</i> , 2015, 26, 1582-1589.	1.8	42
21	Ultrabright BODIPY-Tagged Polystyrene Nanoparticles: Study of Concentration Effect on Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2014, 118, 13945-13952.	1.5	19
22	Ultrabright Fluorescent Polymeric Nanoparticles Made from a New Family of BODIPY Monomers. <i>Macromolecules</i> , 2013, 46, 5167-5176.	2.2	51
23	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. <i>Soft Matter</i> , 2011, 7, 3482.	1.2	90
24	One-Pot Synthesis of Pegylated Fluorescent Nanoparticles by RAFT Miniemulsion Polymerization Using a Phase Inversion Process. <i>Macromolecular Rapid Communications</i> , 2011, 32, 699-705.	2.0	31
25	Pegylated thermally responsive block copolymer micelles and nanogels via <i>in situ</i> RAFT aqueous dispersion polymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2373-2390.	2.5	189
26	Luminescence-Sensitive Surfaces Bearing Ratiometric Nanoparticles for Bacteria Growth Detection. <i>ACS Applied Polymer Materials</i> , 0, , .	2.0	1