

Thomas Behnke

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,447
citations

361413

20
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

2074
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystallization and Aggregation-Induced Emission in a Series of Pyrrolidinylnylquinoxaline Derivatives. <i>Journal of Physical Chemistry C</i> , 2018, 122, 11119-11127.	3.1	34
2	Multimodal Cleavable Reporters versus Conventional Labels for Optical Quantification of Accessible Amino and Carboxy Groups on Nano- and Microparticles. <i>Analytical Chemistry</i> , 2018, 90, 5887-5895.	6.5	23
3	Determination of the Critical Micelle Concentration of Neutral and Ionic Surfactants with Fluorometry, Conductometry, and Surface Tension—A Method Comparison. <i>Journal of Fluorescence</i> , 2018, 28, 465-476.	2.5	124
4	Efficacy and Safety of Dapagliflozin in Patients With Inadequately Controlled Type 1 Diabetes: The DEPICT-1 52-Week Study. <i>Diabetes Care</i> , 2018, 41, 2552-2559.	8.6	177
5	Thermo-Chromium: A Contactless Optical Molecular Thermometer. <i>Chemistry - A European Journal</i> , 2017, 23, 12131-12135.	3.3	72
6	Four- and Five-Component Syntheses and Photophysical Properties of Emission Solvatochromic 3-Aminovinylquinoxalines. <i>Journal of Organic Chemistry</i> , 2017, 82, 567-578.	3.2	32
7	Efficacy and safety of dapagliflozin in patients with inadequately controlled type 1 diabetes (DEPICT-1): 24 week results from a multicentre, double-blind, phase 3, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 864-876.	11.4	244
8	Ellman's and Aldrithiol Assay as Versatile and Complementary Tools for the Quantification of Thiol Groups and Ligands on Nanomaterials. <i>Analytical Chemistry</i> , 2016, 88, 8624-8631.	6.5	36
9	Streptavidin conjugation and quantification—a method evaluation for nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4133-4149.	3.7	21
10	Tracking of Inhaled Near-Infrared Fluorescent Nanoparticles in Lungs of SKH-1 Mice with Allergic Airway Inflammation. <i>ACS Nano</i> , 2015, 9, 11642-11657.	14.6	23
11	Quantification of PEG-Maleimide Ligands and Coupling Efficiencies on Nanoparticles with Ellman's Reagent. <i>Analytical Chemistry</i> , 2015, 87, 9376-9383.	6.5	39
12	High-resolution imaging with SEM/T-SEM, EDX and SAM as a combined methodical approach for morphological and elemental analyses of single engineered nanoparticles. <i>RSC Advances</i> , 2014, 4, 49577-49587.	3.6	74
13	Nanoparticle-encapsulated vis- and NIR-emissive fluorophores with different fluorescence decay kinetics for lifetime multiplexing. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3315-3322.	3.7	23
14	Nile-Red—Nanoclay Hybrids: Red Emissive Optical Probes for Use in Aqueous Dispersion. <i>Langmuir</i> , 2013, 29, 11489-11497.	3.5	60
15	Near-Infrared-Emitting Nanoparticles for Lifetime-Based Multiplexed Analysis and Imaging of Living Cells. <i>ACS Nano</i> , 2013, 7, 6674-6684.	14.6	60
16	Target-specific nanoparticles containing a broad band emissive NIR dye for the sensitive detection and characterization of tumor development. <i>Biomaterials</i> , 2013, 34, 160-170.	11.4	50
17	Spectroscopic Characterization of Coumarin-Stained Beads: Quantification of the Number of Fluorophores Per Particle with Solid-State ¹⁹ F-NMR and Measurement of Absolute Fluorescence Quantum Yields. <i>Analytical Chemistry</i> , 2012, 84, 3654-3661.	6.5	32
18	Keeping particles brilliant — simple methods for the determination of the dye content of fluorophore-loaded polymeric particles. <i>Analytical Methods</i> , 2012, 4, 1759.	2.7	18

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19	Simple strategies towards bright polymer particles via one-step staining procedures. <i>Dyes and Pigments</i> , 2012, 94, 247-257.	3.7	66
20	Synthesis and characterisation of highly fluorescent core-shell nanoparticles based on Alexa dyes. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	18
21	Targeted Luminescent Near-Infrared Polymer-Nanoprobes for In Vivo Imaging of Tumor Hypoxia. <i>Analytical Chemistry</i> , 2011, 83, 9039-9046.	6.5	122
22	Encapsulation of Hydrophobic Dyes in Polystyrene Micro- and Nanoparticles via Swelling Procedures. <i>Journal of Fluorescence</i> , 2011, 21, 937-944.	2.5	99