

Tanja M Lahtinen

List of Publications by Year in descending order

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26
all docs

26
docs citations

26
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Site-specific targeting of enterovirus capsid by functionalized monodisperse gold nanoclusters. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1277-1281.	7.1	95
2	Template-Free Supracolloidal Self-Assembly of Atomically Precise Gold Nanoclusters: From 2D Colloidal Crystals to Spherical Capsids. Angewandte Chemie - International Edition, 2016, 55, 16035-16038.	13.8	86
3	Molecule-like Photodynamics of Au ₁₀₂ (p-MBA) ₄₄ Nanocluster. ACS Nano, 2015, 9, 2328-2335.	14.6	66
4	Covalently linked multimers of gold nanoclusters Au ₁₀₂ (p-MBA) ₄₄ and Au ^{1/4} ₂₅₀ (p-MBA) _n . Nanoscale, 2016, 8, 18665-18674.	5.6	59
5	Atomically Precise Nanocluster Assemblies Encapsulating Plasmonic Gold Nanorods. Angewandte Chemie - International Edition, 2018, 57, 6522-6526.	13.8	57
6	Acid-Base Properties and Surface Charge Distribution of the Water-Soluble Au ₁₀₂ (p-MBA) ₄₄ Nanocluster. Journal of Physical Chemistry C, 2016, 120, 10041-10050.	3.1	47
7	Hydrophobic pocket targeting probes for enteroviruses. Nanoscale, 2015, 7, 17457-17467.	5.6	35
8	Vibrational Perturbations and Ligand-Layer Coupling in a Single Crystal of Au ₁₄₄ (SC ₂ H ₄ Ph) ₆₀ Nanocluster. Journal of Physical Chemistry Letters, 2014, 5, 387-392.	4.6	34
9	Towards Controlled Synthesis of Water-Soluble Gold Nanoclusters: Synthesis and Analysis. Journal of Physical Chemistry C, 2019, 123, 2602-2612.	3.1	34
10	All-Solid-State Ag ⁺ -ISE Based on [2.2.2]p,p,p-Cyclophane. Electroanalysis, 2001, 13, 723-726.	2.9	33
11	Solvation chemistry of water-soluble thiol-protected gold nanocluster Au ₁₀₂ from DOSY NMR spectroscopy and DFT calculations. Nanoscale, 2014, 6, 7823-7826.	5.6	28
12	Silver Ion-Selective Electrodes Based on β -Coordinating Ionophores Without Heteroatoms. Electroanalysis, 2002, 14, 1353-1357.	2.9	24
13	Photodynamics of a Molecular Water-Soluble Nanocluster Identified as Au ₁₃₀ (p-MBA) ₅₀ . Journal of Physical Chemistry C, 2015, 119, 20224-20229.	3.1	20
14	Template-Free Supracolloidal Self-Assembly of Atomically Precise Gold Nanoclusters: From 2D Colloidal Crystals to Spherical Capsids. Angewandte Chemie, 2016, 128, 16269-16272.	2.0	19
15	Dithiol-Induced Oligomerization of Thiol-Protected Gold Nanoclusters. Journal of Physical Chemistry C, 2018, 122, 12524-12533.	3.1	19
16	Development of functionalized SYBR green II related cyanine dyes for viral RNA detection. Dyes and Pigments, 2020, 177, 108282.	3.7	15
17	Structural characterization of site-modified nanocapsid with monodispersed gold clusters. Scientific Reports, 2017, 7, 17048.	3.3	13
18	Atomically Precise Nanocluster Assemblies Encapsulating Plasmonic Gold Nanorods. Angewandte Chemie, 2018, 130, 6632-6636.	2.0	10

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19	Concave π -prismand hydrocarbon [2.2.2]cyclophanes and their crystalline Ag-triflate complexes. <i>Journal für Praktische Chemie</i> , 1999, 341, 237-244.	0.2	9
20	Exploring the atomic structure of 1.8 nm monolayer-protected gold clusters with aberration-corrected STEM. <i>Ultramicroscopy</i> , 2017, 176, 146-150.	1.9	8
21	Covalent and non-covalent coupling of a Au ₁₀₂ nanocluster with a fluorophore: energy transfer, quenching and intracellular pH sensing. <i>Nanoscale Advances</i> , 2021, 3, 6649-6658.	4.6	7
22	Systematic study of SYBR green chromophore reveals major improvement with one heteroatom difference. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3484-3488.	5.8	5
23	Small Hydrocarbon Cyclophanes: Synthesis, X-ray Analysis and Molecular Modelling. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 2935-2941.	2.4	3
24	Polymorphic and solvate structures of ethyl ester and carboxylic acid derivatives of WIN 61893 analogue and their stability in solution. <i>CrystEngComm</i> , 2014, 16, 9001-9009.	2.6	3
25	Chemically Selective Imaging of Individual Bonds through Scanning Electron Energy-Loss Spectroscopy: Disulfide Bridges Linking Gold Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 796-799.	4.6	3
26	4,4-Difluoro-2,3;5,6-bis(tetramethylene)-4-bora-3a,4a-diaza- <i>s</i> -indacene (LD540). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o74-o74.	0.2	0