

David Paramelle

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,044
citations

759233

12
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

2145
citing authors

#	ARTICLE	IF	CITATIONS
1	A rapid method to estimate the concentration of citrate capped silver nanoparticles from UV-visible light spectra. <i>Analyst</i> , 2014, 139, 4855.	3.5	548
2	Ferritin-Templated Synthesis and Self-Assembly of Pt Nanoparticles on a Monolithic Porous Graphene Network for Electrocatalysis in Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 782-787.	8.0	96
3	Biocompatible Peptide-Coated Ultrasmall Superparamagnetic Iron Oxide Nanoparticles for <i>In Vivo</i> Contrast-Enhanced Magnetic Resonance Imaging. <i>ACS Nano</i> , 2018, 12, 6480-6491.	14.6	76
4	Characterizing Self-Assembled Monolayers on Gold Nanoparticles. <i>Bioconjugate Chemistry</i> , 2017, 28, 11-22.	3.6	71
5	Chemical cross-linkers for protein structure studies by mass spectrometry. <i>Proteomics</i> , 2013, 13, 438-456.	2.2	65
6	Incorporation of Graphene Quantum Dots, Iron, and Doxorubicin in/on Ferritin Nanocages for Bimodal Imaging and Drug Delivery. <i>Advanced Therapeutics</i> , 2020, 3, 1900183.	3.2	28
7	Computational and Experimental Investigation of the Structure of Peptide Monolayers on Gold Nanoparticles. <i>Langmuir</i> , 2017, 33, 438-449.	3.5	25
8	MSX-3D: a tool to validate 3D protein models using mass spectrometry. <i>Bioinformatics</i> , 2008, 24, 2782-2783.	4.1	17
9	Designing Non-Native Iron-Binding Site on a Protein Cage for Biological Synthesis of Nanoparticles. <i>Small</i> , 2014, 10, 3131-3138.	10.0	17
10	Features of Thiolated Ligands Promoting Resistance to Ligand Exchange in Self-Assembled Monolayers on Gold Nanoparticles. <i>Australian Journal of Chemistry</i> , 2012, 65, 266.	0.9	16
11	A new generation of cross-linkers for selective detection by MALDI MS. <i>Proteomics</i> , 2009, 9, 5384-5388.	2.2	15
12	Synthesis of Silver Nanoparticles with Monovalently Functionalized Self-Assembled Monolayers. <i>Australian Journal of Chemistry</i> , 2012, 65, 275.	0.9	13
13	Discrimination and Selective Enhancement of Signals in the MALDI Mass Spectrum of a Protein by Combining a Matrix-Based Label for Lysine Residues with a Neutral Matrix. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5594-5597.	13.8	11
14	Targeting Cell Membrane Lipid Rafts by Stoichiometric Functionalization of Gold Nanoparticles with a Sphingolipid-Binding Domain Peptide. <i>Advanced Healthcare Materials</i> , 2015, 4, 911-917.	7.6	11
15	A Straightforward Approach for Cellular Uptake Quantification. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8240-8243.	13.8	9
16	Photothermally responsive gold nanoparticle conjugated polymer-grafted porous hollow silica nanocapsules. <i>Chemical Communications</i> , 2016, 52, 9897-9900.	4.1	9
17	Graphene Quantum Dots for Fluorescent Labeling of Gelatin-Based Shear-Thinning Hydrogels. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000113.	3.6	6
18	Solid-Phase Cross-Linking (SPCL): A new tool for protein structure studies. <i>Proteomics</i> , 2011, 11, 1277-1286.	2.2	3

#	ARTICLE	IF	CITATIONS
19	Specific Internalisation of Gold Nanoparticles into Engineered Porous Protein Cages via Affinity Binding. PLoS ONE, 2016, 11, e0162848.	2.5	3
20	Photothermal Laser Material Interactions - From the Sledgehammer to Nano-GPS. Advances in Intelligent and Soft Computing, 2012, , 85-111.	0.2	0