David Paramelle

List of Publications by Year
in descending order

20	1,044	759233 12	713466 21
papers	citations	h-index	g-index

23	23	23	2145
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Graphene Quantum Dots for Fluorescent Labeling of Gelatinâ€Based Shearâ€Thinning Hydrogels. Advanced NanoBiomed Research, 2021, 1, 2000113.	3.6	6
2	Incorporation of Graphene Quantum Dots, Iron, and Doxorubicin in/on Ferritin Nanocages for Bimodal Imaging and Drug Delivery. Advanced Therapeutics, 2020, 3, 1900183.	3.2	28
3	Biocompatible Peptide-Coated Ultrasmall Superparamagnetic Iron Oxide Nanoparticles for In Vivo Contrast-Enhanced Magnetic Resonance Imaging. ACS Nano, 2018, 12, 6480-6491.	14.6	76
4	Computational and Experimental Investigation of the Structure of Peptide Monolayers on Gold Nanoparticles. Langmuir, 2017, 33, 438-449.	3.5	25
5	Characterizing Self-Assembled Monolayers on Gold Nanoparticles. Bioconjugate Chemistry, 2017, 28, 11-22.	3.6	71
6	Specific Internalisation of Gold Nanoparticles into Engineered Porous Protein Cages via Affinity Binding. PLoS ONE, 2016, 11, e0162848.	2.5	3
7	Photothermally responsive gold nanoparticle conjugated polymer-grafted porous hollow silica nanocapsules. Chemical Communications, 2016, 52, 9897-9900.	4.1	9
8	Targeting Cell Membrane Lipid Rafts by Stoichiometric Functionalization of Gold Nanoparticles with a Sphingolipidâ€Binding Domain Peptide. Advanced Healthcare Materials, 2015, 4, 911-917.	7.6	11
9	A rapid method to estimate the concentration of citrate capped silver nanoparticles from UV-visible light spectra. Analyst, The, 2014, 139, 4855.	3.5	548
10	Designing Nonâ€Native Ironâ€Binding Site on a Protein Cage for Biological Synthesis of Nanoparticles. Small, 2014, 10, 3131-3138.	10.0	17
11	Chemical crossâ€linkers for protein structure studies by mass spectrometry. Proteomics, 2013, 13, 438-456.	2.2	65
12	Ferritin-Templated Synthesis and Self-Assembly of Pt Nanoparticles on a Monolithic Porous Graphene Network for Electrocatalysis in Fuel Cells. ACS Applied Materials & Interfaces, 2013, 5, 782-787.	8.0	96
13	Features of Thiolated Ligands Promoting Resistance to Ligand Exchange in Self-Assembled Monolayers on Gold Nanoparticles. Australian Journal of Chemistry, 2012, 65, 266.	0.9	16
14	Photothermal Laser Material Interactions - From the Sledgehammer to Nano-GPS. Advances in Intelligent and Soft Computing, 2012, , 85-111.	0.2	0
15	Synthesis of Silver Nanoparticles with Monovalently Functionalized Self-Assembled Monolayers. Australian Journal of Chemistry, 2012, 65, 275.	0.9	13
16	Solidâ€Phase Crossâ€Linking (SPCL): A new tool for protein structure studies. Proteomics, 2011, 11, 1277-1286.	2.2	3
17	A Straightforward Approach for Cellularâ€Uptake Quantification. Angewandte Chemie - International Edition, 2010, 49, 8240-8243.	13.8	9
18	A new generation of crossâ€linkers for selective detection by MALDI MS. Proteomics, 2009, 9, 5384-5388.	2.2	15

#	Article	IF	Citations
19	MSX-3D: a tool to validate 3D protein models using mass spectrometry. Bioinformatics, 2008, 24, 2782-2783.	4.1	17
20	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. Angewandte Chemie - International Edition, 2007, 46, 5594-5597.	13.8	11