

Probing the Effects of Cysteine Residues on Protein Adsorption Using Wild-Type and Mutated GB3 Proteins

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Enzymatic Fabrication of Protein-Decorated Gold Nanoparticles by the Aid of Artificial Peptides with Gold-Binding Affinity. <i>Langmuir</i> , 2013, 29, 15596-15605.	1.6	16
2	Using Hydrogenâ€Deuterium Exchange to Monitor Protein Structure in the Presence of Gold Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14148-14156.	1.2	27
3	In vivo and in vitro toxicity of nanogold conjugated snake venom protein toxin GNP-NKCT1. <i>Toxicology Reports</i> , 2014, 1, 74-84.	1.6	17
4	Enzymatic self-sacrificial display of an active protein on gold nanoparticles. <i>RSC Advances</i> , 2014, 4, 5995.	1.7	2
5	Ligand Adsorption and Exchange on Pegylated Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014, 118, 11111-11119.	1.5	35
6	A Three-Step Model for Proteinâ€Gold Nanoparticle Adsorption. <i>Journal of Physical Chemistry C</i> , 2014, 118, 8134-8142.	1.5	88
7	Studying the Effects of Cysteine Residues on Protein Interactions with Silver Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 2910-2916.	1.5	60
8	Structure and Chirality in Sulfur-Containing Amino Acids Adsorbed on Au(111) Surfaces. <i>Journal of Physical Chemistry C</i> , 2015, 119, 9829-9838.	1.5	14
9	Can Para-Aryl-Dithiols Cross-Link Two Plasmonic Noble Nanoparticles as Monolayer Dithiolate Spacers?. <i>Journal of Physical Chemistry C</i> , 2015, 119, 6626-6633.	1.5	11
10	Gold Nanoparticle-Based Facile Detection of Human Serum Albumin and Its Application as an INHIBIT Logic Gate. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8990-8998.	4.0	43
11	Theranostic potential of gold nanoparticle-protein agglomerates. <i>Nanoscale</i> , 2015, 7, 18411-18423.	2.8	23
12	Control of Protein Orientation on Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 21035-21043.	1.5	75
13	Effect of Latent Heat in Boiling Water on the Synthesis of Gold Nanoparticles of Different Sizes by using the Turkevich Method. <i>ChemPhysChem</i> , 2015, 16, 447-454.	1.0	28
14	Critical Sequence Dependence in Multicomponent Ligand Binding to Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6900-6905.	1.5	13
15	A â€œchemical noseâ€ biosensor for detecting proteins in complex mixtures. <i>Analyst</i> , The, 2016, 141, 5627-5636.	1.7	14
16	MIF, a controversial cytokine: a review of structural features, challenges, and opportunities for drug development. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1463-1475.	1.5	70
17	Peptide-Mediated Specific Immobilization of Catalytically Active Cytochrome P450 BM3 Variant. <i>Bioconjugate Chemistry</i> , 2016, 27, 1090-1097.	1.8	19
18	Pathways for Gold Nucleation and Growth over Protein Cages. <i>Langmuir</i> , 2017, 33, 5925-5931.	1.6	5

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19	Probing the Aggregation Mechanism of Gold Nanoparticles Triggered by a Globular Protein. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1377-1386.	1.5	43
20	Protein Conjugation to Nanoparticles by Designer Affinity Tags. <i>Materials Today: Proceedings</i> , 2017, 4, 6923-6929.	0.9	2
21	Modular assembly of proteins on nanoparticles. <i>Nature Communications</i> , 2018, 9, 1489.	5.8	76
22	Quantification of Gold Nanoparticle Ultraviolet-Visible Extinction, Absorption, and Scattering Cross-Section Spectra and Scattering Depolarization Spectra: The Effects of Nanoparticle Geometry, Solvent Composition, Ligand Functionalization, and Nanoparticle Aggregation. <i>Analytical Chemistry</i> , 2018, 90, 785-793.	3.2	45
23	Antibodies Irreversibly Adsorb to Gold Nanoparticles and Resist Displacement by Common Blood Proteins. <i>Langmuir</i> , 2019, 35, 10601-10609.	1.6	33
24	Orientation-Controlled Bioconjugation of Antibodies to Silver Nanoparticles. <i>Bioconjugate Chemistry</i> , 2019, 30, 3078-3086.	1.8	26
25	pH Impacts the Orientation of Antibody Adsorbed onto Gold Nanoparticles. <i>Bioconjugate Chemistry</i> , 2019, 30, 1182-1191.	1.8	97
26	A chiral assembly of gold nanoparticle trimer-based biosensors for ultrasensitive detection of the major allergen tropomyosin in shellfish. <i>Biosensors and Bioelectronics</i> , 2019, 132, 84-89.	5.3	32
27	Surface Plasmon Resonance, Formation Mechanism, and Surface Enhanced Raman Spectroscopy of Ag ⁺ -Stained Gold Nanoparticles. <i>Frontiers in Chemistry</i> , 2019, 7, 27.	1.8	11
28	Quantification of shellfish major allergen tropomyosin by SPR biosensor with gold patterned Biochips. <i>Food Control</i> , 2020, 107, 106547.	2.8	36
29	Role of Free Thiol on Protein Adsorption to Gold Nanoparticles. <i>Langmuir</i> , 2020, 36, 9241-9249.	1.6	40
30	Electrochemical Detection of NT-proBNP Using a Metalloimmunoassay on a Paper Electrode Platform. <i>ACS Sensors</i> , 2020, 5, 853-860.	4.0	35
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35	Impact of the Microbial Origin and Active Microenvironment on the Shape of Biogenic Elemental Selenium Nanomaterials. <i>Environmental Science & Technology</i> , 2021, 55, 9161-9171.	4.6	1
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37	Sensing nanoparticle-protein corona using nanoparticle enhanced Laser Induced Breakdown Spectroscopy signal enhancement. <i>Talanta</i> , 2021, 235, 122741.	2.9	11
38	Nanoconjugates based on a novel organic-inorganic hybrid silsesquioxane and gold nanoparticles as hemocompatible nanomaterials for promising biosensing applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 213, 112355.	2.5	7
40	Glucose oxidase converted into a general sugar-oxidase. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
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43	pH-Regulated Strategy and Mechanism of Antibody Orientation on Magnetic Beads for Improving Capture Performance of <i>Staphylococcus</i> Species. <i>Foods</i> , 2022, 11, 3599.	1.9	2
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