

# Preparation and Characterization of Au Colloid Monolayers

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Citation Report

#	ARTICLE	IF	CITATIONS
10	Electrochemical Deposition of Silver Nanocrystallites on the Atomically Smooth Graphite Basal Plane. <i>The Journal of Physical Chemistry</i> , 1996, 100, 837-844.	2.9	220
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13	Molecular Self-Assembly of Aliphatic Thiols on Gold Colloids. <i>Langmuir</i> , 1996, 12, 3763-3772.	1.6	511
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1549	Deposition of gold nanoparticles on mica modified by poly(allylamine hydrochloride) monolayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 204-210.	2.3	18
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1960	Rapid prototyping of all-solution-processed multi-lengthscale electrodes using polymer-induced thin film wrinkling. <i>Scientific Reports</i> , 2017, 7, 42543.	1.6	25
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2052	Surprises of electron microscopic imaging of proteins and polymers covering gold nanoparticles layer by layer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 23-31.	2.5	4
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2067	Surface-enhanced Raman encoded polymer stabilized gold nanoparticles: Demonstration of potential for use in bioassays. <i>European Polymer Journal</i> , 2017, 87, 508-518.	2.6	6
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2070	Thermoplasmonic dissipation in gold nanoparticle <sup>â„¢</sup> polyvinylpyrrolidone thin films. <i>RSC Advances</i> , 2017, 7, 56463-56470.	1.7	11
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2075	Hybridization State Detection of DNA-Functionalized Gold Nanoparticles Using Hyperspectral Imaging. <i>International Journal of Optics</i> , 2017, 2017, 1-12.	0.6	2
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2077	Apolipoprotein E3-mediated cellular uptake of reconstituted high-density lipoprotein bearing core 3, 10, or 17 nm hydrophobic gold nanoparticles. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 8495-8510.	3.3	13
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2091	Plasmonic Metal-Insulator-Metal Capped Polymer Nanopillars for SERS Analysis of Protein-Protein Interactions. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6255-6266.	1.5	15
2092	Secondary structure-induced aggregation by hydrogen peroxide: a stimuli-triggered open/close implementation by recombination. <i>Nanoscale</i> , 2018, 10, 5503-5514.	2.8	6
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2103	Microfluidic diatomite analytical devices for illicit drug sensing with ppb-level sensitivity. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 587-595.	4.0	91
2104	Protein-mimicking nanoparticle (Protmin)-based nanosensor for intracellular analysis of metal ions. <i>Nuclear Science and Techniques/Hewuli</i> , 2018, 29, 1.	1.3	8
2105	Ultrasensitive electrochemical sensing of Hg <sup>2+</sup> based on thymine-Hg <sup>2+</sup> -thymine interaction and signal amplification of alkaline phosphatase catalyzed silver deposition. <i>Biosensors and Bioelectronics</i> , 2018, 104, 95-101.	5.3	37
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2562	Accelerating the peroxidase- and glucose oxidase-like activity of Au nanoparticles by seeded growth strategy and their applications for colorimetric detection of dopamine and glucose. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2023, 658, 130555.	2.3	6
2563	A SERS/electrochemical dual-signal readout immunosensor using highly-ordered Au/Ag bimetallic cavity array as the substrate for simultaneous detection of three $\beta^2$ -adrenergic agonists. <i>Talanta</i> , 2023, 254, 124159.	2.9	9
2564	Ion-Imprinted Chitosan-Based Localized Surface Plasmon Resonance Sensor for Ni <sup>2+</sup> Detection. <i>Sensors</i> , 2022, 22, 9005.	2.1	2
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