

List of Publications by Year in descending order

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250
papers

49,231
citations

3333

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258
times ranked

42654
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulating and Directionally Controlling Electron Emission from Gold Nanorods with Silica Coatings. <i>Nano Letters</i> , 2022, 22, 644-651.	4.5	8
2	Nanoparticle tracking analysis and statistical mixture distribution analysis to quantify nanoparticle-vesicle binding. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 50-58.	5.0	5
3	Opportunities for Electrocatalytic CO ₂ Reduction Enabled by Surface Ligands. <i>Journal of the American Chemical Society</i> , 2022, 144, 2829-2840.	6.6	60
4	Anisotropic silica coating on gold nanorods boosts their potential as SERS sensors. <i>Nanoscale</i> , 2022, 14, 5214-5226.	2.8	20
5	PLGA-Gold Nanocomposite: Preparation and Biomedical Applications. <i>Pharmaceutics</i> , 2022, 14, 660.	2.0	8
6	Isolation Methods Influence the Protein Corona Composition on Gold-Coated Iron Oxide Nanoparticles. <i>Analytical Chemistry</i> , 2022, 94, 4737-4746.	3.2	8
7	Dynamic aqueous transformations of lithium cobalt oxide nanoparticle induce distinct oxidative stress responses of <i>B. subtilis</i> . <i>Environmental Science: Nano</i> , 2021, 8, 1614-1627.	2.2	3
8	Nanoparticles Interfere with Chemotaxis: An Example of Nanoparticles as Molecular "Knockouts" at the Cellular Level. <i>ACS Nano</i> , 2021, 15, 8813-8825.	7.3	6
9	Size Effects in Gold Nanorod Light-to-Heat Conversion under Femtosecond Illumination. <i>Journal of Physical Chemistry C</i> , 2021, 125, 16268-16278.	1.5	18
10	How Do Proteins Associate with Nanoscale Metal-Organic Framework Surfaces?. <i>Langmuir</i> , 2021, 37, 9910-9919.	1.6	9
11	Ensemble effects in Cu/Au ultrasmall nanoparticles control the branching point for C1 selectivity during CO ₂ electroreduction. <i>Chemical Science</i> , 2021, 12, 9146-9152.	3.7	9
12	Controlling the Spatial and Momentum Distributions of Plasmonic Carriers: Volume vs Surface Effects. <i>ACS Nano</i> , 2021, 15, 1566-1578.	7.3	15
13	Network-based analysis implies critical roles of microRNAs in the long-term cellular responses to gold nanoparticles. <i>Nanoscale</i> , 2020, 12, 21172-21187.	2.8	7
14	Interaction of Alpha-Synuclein and Its Mutants with Rigid Lipid Vesicle Mimics of Varying Surface Curvature. <i>ACS Nano</i> , 2020, 14, 10153-10167.	7.3	16
15	Gold nanoparticles disrupt actin organization and pulmonary endothelial barriers. <i>Scientific Reports</i> , 2020, 10, 13320.	1.6	8
16	Effect of surface ligands on gold nanocatalysts for CO ₂ reduction. <i>Chemical Science</i> , 2020, 11, 12298-12306.	3.7	24
17	Anionic nanoparticle-induced perturbation to phospholipid membranes affects ion channel function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27854-27861.	3.3	24
18	Ligand Length and Surface Curvature Modulate Nanoparticle Surface Heterogeneity and Electrostatics. <i>Journal of Physical Chemistry C</i> , 2020, 124, 24513-24525.	1.5	8

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19	A golden time for nanotechnology. MRS Bulletin, 2020, 45, 387-393.	1.7	6
20	Gold nanorod impact on mechanical properties of stretchable hydrogels. Soft Matter, 2020, 16, 6582-6590.	1.2	7
21	Surface Coating Structure and Its Interaction with Cytochrome <i>c</i> in EG ₆ -Coated Nanoparticles Varies with Surface Curvature. Langmuir, 2020, 36, 5030-5039.	1.6	10
22	Facile Functionalization of Gold Nanoparticles with PLGA Polymer Brushes and Efficient Encapsulation into PLGA Nanoparticles: Toward Spatially Precise Bioimaging of Polymeric Nanoparticles. Particle and Particle Systems Characterization, 2019, 36, 1800414.	1.2	18
23	Quantitative Imaging of Organic Ligand Density on Anisotropic Inorganic Nanocrystals. Nano Letters, 2019, 19, 6308-6314.	4.5	50
24	Quantitative Chemical Mapping of Anisotropic Molecular Distributions on Gold Nanorods. Microscopy and Microanalysis, 2019, 25, 1772-1773.	0.2	0
25	Virus-Sized Gold Nanorods: Plasmonic Particles for Biology. Accounts of Chemical Research, 2019, 52, 2124-2135.	7.6	54
26	The <i>JPC</i> Periodic Table. Journal of Physical Chemistry Letters, 2019, 10, 4051-4062.	2.1	2
27	Defects in Self-Assembled Monolayers on Nanoparticles Prompt Phospholipid Extraction and Bilayer-Curvature-Dependent Deformations. Journal of Physical Chemistry C, 2019, 123, 27951-27958.	1.5	11
28	Editorial for January 2019 for JPC A/B/C. Journal of Physical Chemistry B, 2019, 123, 1-9.	1.2	2
29	Two-Phase Synthesis of Gold-Copper Bimetallic Nanoparticles of Tunable Composition: Toward Optimized Catalytic CO ₂ Reduction. ACS Applied Nano Materials, 2019, 2, 3989-3998.	2.4	22
30	Preferential Binding of Cytochrome <i>c</i> to Anionic Ligand-Coated Gold Nanoparticles: A Complementary Computational and Experimental Approach. ACS Nano, 2019, 13, 6856-6866.	7.3	31
31	Implications of aspect ratio on the uptake and nanotoxicity of gold nanomaterials. NanoImpact, 2019, 14, 100153.	2.4	8
32	Ultrasonic Nebulization for TEM Sample Preparation on Single-Layer Graphene Grids. Nano Letters, 2019, 19, 1938-1943.	4.5	11
33	Solution NMR Analysis of Ligand Environment in Quaternary Ammonium-Terminated Self-Assembled Monolayers on Gold Nanoparticles: The Effect of Surface Curvature and Ligand Structure. Journal of the American Chemical Society, 2019, 141, 4316-4327.	6.6	66
34	Mini Gold Nanorods with Tunable Plasmonic Peaks beyond 1000 nm. Chemistry of Materials, 2018, 30, 1427-1435.	3.2	161
35	Using an environmentally-relevant panel of Gram-negative bacteria to assess the toxicity of polyallylamine hydrochloride-wrapped gold nanoparticles. Environmental Science: Nano, 2018, 5, 279-288.	2.2	32
36	Metagenomic analysis of microbial communities yields insight into impacts of nanoparticle design. Nature Nanotechnology, 2018, 13, 253-259.	15.6	51

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37	Density, Structure, and Stability of Citrate ³⁻ and H ₂ citrate ⁻ on Bare and Coated Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2018, 122, 28393-28404.	1.5	23
38	Quantification of Lipid Corona Formation on Colloidal Nanoparticles from Lipid Vesicles. <i>Analytical Chemistry</i> , 2018, 90, 14387-14394.	3.2	41
39	Lipid Corona Formation from Nanoparticle Interactions with Bilayers. <i>CheM</i> , 2018, 4, 2709-2723.	5.8	46
40	Layer-by-Layer Synthesis of Conformal Metal-Organic Framework Shells on Gold Nanorods. <i>Chemistry of Materials</i> , 2018, 30, 7255-7261.	3.2	34
41	Peripheral Membrane Proteins Facilitate Nanoparticle Binding at Lipid Bilayer Interfaces. <i>Langmuir</i> , 2018, 34, 10793-10805.	1.6	24
42	Plasmon-enhanced upconversion: engineering enhancement and quenching at nano and macro scales. <i>Optical Materials Express</i> , 2018, 8, 3787.	1.6	13
43	Growth-Based Bacterial Viability Assay for Interference-Free and High-Throughput Toxicity Screening of Nanomaterials. <i>Analytical Chemistry</i> , 2017, 89, 2057-2064.	3.2	45
44	Sulfate-Mediated End-to-End Assembly of Gold Nanorods. <i>Langmuir</i> , 2017, 33, 1486-1495.	1.6	31
45	Influence of gold nanoparticle surface chemistry and diameter upon Alzheimer's disease amyloid- β^2 protein aggregation. <i>Journal of Biological Engineering</i> , 2017, 11, 5.	2.0	63
46	Cascading Effects of Nanoparticle Coatings: Surface Functionalization Dictates the Assemblage of Complexed Proteins and Subsequent Interaction with Model Cell Membranes. <i>ACS Nano</i> , 2017, 11, 5489-5499.	7.3	57
47	Research highlights: investigating the role of nanoparticle surface charge in nano-bio interactions. <i>Environmental Science: Nano</i> , 2017, 4, 741-746.	2.2	17
48	Quantification of Free Polyelectrolytes Present in Colloidal Suspension, Revealing a Source of Toxic Responses for Polyelectrolyte-Wrapped Gold Nanoparticles. <i>Analytical Chemistry</i> , 2017, 89, 1823-1830.	3.2	29
49	Understanding the Seed-Mediated Growth of Gold Nanorods through a Fractional Factorial Design of Experiments. <i>Langmuir</i> , 2017, 33, 1891-1907.	1.6	154
50	New Advances in Nanotechnology-Based Diagnosis and Therapeutics for Breast Cancer: An Assessment of Active-Targeting Inorganic Nanoplatforms. <i>Bioconjugate Chemistry</i> , 2017, 28, 135-152.	1.8	95
51	Nanomaterial Probes in the Environment: Gold Nanoparticle Soil Retention and Environmental Stability as a Function of Surface Chemistry. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11451-11458.	3.2	22
52	A Demonstration of Le Chatelier's Principle on the Nanoscale. <i>ACS Central Science</i> , 2017, 3, 1096-1102.	5.3	28
53	Oxidation State of Capping Agent Affects Spatial Reactivity on Gold Nanorods. <i>Journal of the American Chemical Society</i> , 2017, 139, 9851-9854.	6.6	49
54	Protein Adsorption to Charged Gold Nanospheres as a Function of Protein Deformability. <i>Langmuir</i> , 2017, 33, 7751-7761.	1.6	45

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55	In solution SERS sensing using mesoporous silica-coated gold nanorods. <i>Analyst</i> , The, 2016, 141, 5088-5095.	1.7	49
56	Co-transport of gold nanospheres with single-walled carbon nanotubes in saturated porous media. <i>Water Research</i> , 2016, 99, 7-15.	5.3	36
57	Considerations of Environmentally Relevant Test Conditions for Improved Evaluation of Ecological Hazards of Engineered Nanomaterials. <i>Environmental Science & Technology</i> , 2016, 50, 6124-6145.	4.6	191
58	Surface Chemistry of Gold Nanorods. <i>Langmuir</i> , 2016, 32, 9905-9921.	1.6	156
59	One low-dose exposure of gold nanoparticles induces long-term changes in human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13318-13323.	3.3	124
60	On Electronic and Charge Interference in Second Harmonic Generation Responses from Gold Metal Nanoparticles at Supported Lipid Bilayers. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20659-20667.	1.5	29
61	Seed mediated growth of gold nanorods: towards nanorod matryoshkas. <i>Faraday Discussions</i> , 2016, 191, 9-33.	1.6	45
62	Anisotropic Nanoparticles and Anisotropic Surface Chemistry. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 632-641.	2.1	162
63	Identification of Nanoparticles with a Colorimetric Sensor Array. <i>ACS Sensors</i> , 2016, 1, 17-21.	4.0	55
64	Recent Progress in Cancer Thermal Therapy Using Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2016, 120, 4691-4716.	1.5	778
65	Thermal Transport across Surfactant Layers on Gold Nanorods in Aqueous Solution. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 10581-10589.	4.0	50
66	NanoEHS – defining fundamental science needs: no easy feat when the simple itself is complex. <i>Environmental Science: Nano</i> , 2016, 3, 15-27.	2.2	53
67	Formation of supported lipid bilayers containing phase-segregated domains and their interaction with gold nanoparticles. <i>Environmental Science: Nano</i> , 2016, 3, 45-55.	2.2	68
68	Biological Responses to Engineered Nanomaterials: Needs for the Next Decade. <i>ACS Central Science</i> , 2015, 1, 117-123.	5.3	121
69	Best Practices for the Reporting of Colloidal Inorganic Nanomaterials. <i>Chemistry of Materials</i> , 2015, 27, 4911-4913.	3.2	64
70	Impacts of gold nanoparticle charge and ligand type on surface binding and toxicity to Gram-negative and Gram-positive bacteria. <i>Chemical Science</i> , 2015, 6, 5186-5196.	3.7	203
71	Lipopolysaccharide Density and Structure Govern the Extent and Distance of Nanoparticle Interaction with Actual and Model Bacterial Outer Membranes. <i>Environmental Science & Technology</i> , 2015, 49, 10642-10650.	4.6	103
72	Gold Nanorods Indirectly Promote Migration of Metastatic Human Breast Cancer Cells in Three-Dimensional Cultures. <i>ACS Nano</i> , 2015, 9, 6801-6816.	7.3	22

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73	Measuring binding kinetics of aromatic thiolated molecules with nanoparticles via surface-enhanced Raman spectroscopy. <i>Nanoscale</i> , 2015, 7, 8766-8775.	2.8	30
74	A Possible Oriented Attachment Growth Mechanism for Silver Nanowire Formation. <i>Crystal Growth and Design</i> , 2015, 15, 1968-1974.	1.4	52
75	Effects of charge and surface ligand properties of nanoparticles on oxidative stress and gene expression within the gut of <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2015, 162, 1-9.	1.9	77
76	Magnetic, Fluorescent, and Copolymeric Silicone Microspheres. <i>Advanced Science</i> , 2015, 2, 1500114.	5.6	10
77	Interactions of Bacterial Lipopolysaccharides with Gold Nanorod Surfaces Investigated by Refractometric Sensing. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24915-24925.	4.0	31
78	Control of Protein Orientation on Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 21035-21043.	1.5	75
79	Quantitative Determination of Ligand Densities on Nanomaterials by X-ray Photoelectron Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 1720-1725.	4.0	79
80	Direct Probes of 4 nm Diameter Gold Nanoparticles Interacting with Supported Lipid Bilayers. <i>Journal of Physical Chemistry C</i> , 2015, 119, 534-546.	1.5	77
81	Variation of Protein Corona Composition of Gold Nanoparticles Following Plasmonic Heating. <i>Nano Letters</i> , 2014, 14, 6-12.	4.5	184
82	Nanoparticles for Imaging, Sensing, and Therapeutic Intervention. <i>ACS Nano</i> , 2014, 8, 3107-3122.	7.3	255
83	Anisotropic Noble Metal Nanocrystal Growth: The Role of Halides. <i>Chemistry of Materials</i> , 2014, 26, 34-43.	3.2	340
84	Resonant secondary light emission from plasmonic Au nanostructures at high electron temperatures created by pulsed-laser excitation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 906-911.	3.3	96
85	Microfluidic-SERS devices for one shot limit-of-detection. <i>Analyst</i> , The, 2014, 139, 3227-3234.	1.7	37
86	Surface chemistry, charge and ligand type impact the toxicity of gold nanoparticles to <i>Daphnia magna</i> . <i>Environmental Science: Nano</i> , 2014, 1, 260-270.	2.2	143
87	Observation of Molecular Diffusion in Polyelectrolyte-Wrapped SERS Nanoprobes. <i>Langmuir</i> , 2014, 30, 8931-8937.	1.6	14
88	Computational Study of the Surface-Enhanced Raman Scattering from Silica-Coated Silver Nanowires. <i>Photochemistry and Photobiology</i> , 2014, 90, 415-418.	1.3	8
89	Distance and Plasmon Wavelength Dependent Fluorescence of Molecules Bound to Silica-Coated Gold Nanorods. <i>ACS Nano</i> , 2014, 8, 8392-8406.	7.3	356
90	Î±-Synuclein Adsorption, Conformation, and Orientation on Cationic Gold Nanoparticle Surfaces Seeds Global Conformation Change. <i>Journal of Physical Chemistry B</i> , 2014, 118, 3559-3571.	1.2	38

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91	Tuning Cellular Response to Nanoparticles via Surface Chemistry and Aggregation. <i>Small</i> , 2014, 10, 1642-1651.	5.2	52
92	Homing Peptide-Conjugated Gold Nanorods: The Effect of Amino Acid Sequence Display on Nanorod Uptake and Cellular Proliferation. <i>Bioconjugate Chemistry</i> , 2014, 25, 1162-1171.	1.8	29
93	Adsorption of Cellular Proteins to Polyelectrolyte-Functionalized Gold Nanorods: A Mechanism for Nanoparticle Regulation of Cell Phenotype?. <i>PLoS ONE</i> , 2014, 9, e86670.	1.1	27
94	Patchy silica-coated silver nanowires as SERS substrates. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	23
95	Study of Wild-Type α -Synuclein Binding and Orientation on Gold Nanoparticles. <i>Langmuir</i> , 2013, 29, 4603-4615.	1.6	91
96	Surface Charge Controls the Fate of Au Nanorods in Saline Estuaries. <i>Environmental Science & Technology</i> , 2013, 47, 12844-12851.	4.6	31
97	Nanoparticle-Protein Interactions: A Thermodynamic and Kinetic Study of the Adsorption of Bovine Serum Albumin to Gold Nanoparticle Surfaces. <i>Langmuir</i> , 2013, 29, 14984-14996.	1.6	216
98	Future Plasmonic Nanomaterials. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3152-3152.	2.1	0
99	The Gold Standard: Gold Nanoparticle Libraries To Understand the Nano-Bio Interface. <i>Accounts of Chemical Research</i> , 2013, 46, 650-661.	7.6	293
100	Off-Resonant Two-Photon Absorption Cross-Section Enhancement of an Organic Chromophore on Gold Nanorods. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 749-752.	2.1	18
101	The Quest for Shape Control: A History of Gold Nanorod Synthesis. <i>Chemistry of Materials</i> , 2013, 25, 1250-1261.	3.2	578
102	High-Index Facets in Gold Nanocrystals Elucidated by Coherent Electron Diffraction. <i>Nano Letters</i> , 2013, 13, 1840-1846.	4.5	26
103	Spheres vs. rods: The shape of gold nanoparticles influences aggregation and deposition behavior. <i>Chemosphere</i> , 2013, 91, 93-98.	4.2	49
104	Toxicity of Engineered Nanoparticles in the Environment. <i>Analytical Chemistry</i> , 2013, 85, 3036-3049.	3.2	604
105	Off-Resonance Surface-Enhanced Raman Spectroscopy from Gold Nanorod Suspensions as a Function of Aspect Ratio: Not What We Thought. <i>ACS Nano</i> , 2013, 7, 2099-2105.	7.3	126
106	Nanovacuum: Nanoparticle Uptake and Differential Cellular Migration on a Carpet of Nanoparticles. <i>Nano Letters</i> , 2013, 13, 2295-2302.	4.5	62
107	A Simple Millifluidic Benchtop Reactor System for the High-Throughput Synthesis and Functionalization of Gold Nanoparticles with Different Sizes and Shapes. <i>ACS Nano</i> , 2013, 7, 4135-4150.	7.3	210
108	Surface-Enhanced Raman Spectroscopy of Polyelectrolyte-Wrapped Gold Nanoparticles in Colloidal Suspension. <i>Journal of Physical Chemistry C</i> , 2013, 117, 10677-10682.	1.5	23

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109	Competition Between Extinction and Enhancement in Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1193-1196.	2.1	28
110	Ultrafast Thermal Analysis of Surface Functionalized Gold Nanorods in Aqueous Solution. <i>ACS Nano</i> , 2013, 7, 589-597.	7.3	69
111	The Gold Nanorod-Biology Interface: From Proteins to Cells to Tissue. <i>Current Physical Chemistry</i> , 2013, 3, 128-135.	0.1	5
112	High-Aspect-Ratio Gold Nanorods: Their Synthesis and Application to Image Cell-Induced Strain Fields in Collagen Films. <i>Methods in Molecular Biology</i> , 2013, 1026, 1-20.	0.4	4
113	Plasmonic Enhancement of the Two Photon Absorption Cross Section of an Organic Chromophore Using Polyelectrolyte-Coated Gold Nanorods. <i>Langmuir</i> , 2012, 28, 9147-9154.	1.6	50
114	Applications of Colloidal Inorganic Nanoparticles: From Medicine to Energy. <i>Journal of the American Chemical Society</i> , 2012, 134, 15607-15620.	6.6	388
115	The Early Life of Gold Nanorods: Temporal Separation of Anisotropic and Isotropic Growth Modes. <i>Journal of Cluster Science</i> , 2012, 23, 799-809.	1.7	15
116	Heat Transport between Au Nanorods, Surrounding Liquids, and Solid Supports. <i>Journal of Physical Chemistry C</i> , 2012, 116, 26335-26341.	1.5	47
117	Evidence for Patchy Lipid Layers on Gold Nanoparticle Surfaces. <i>Langmuir</i> , 2012, 28, 5404-5416.	1.6	44
118	The golden age: gold nanoparticles for biomedicine. <i>Chemical Society Reviews</i> , 2012, 41, 2740-2779.	18.7	2,900
119	Uptake, distribution and toxicity of gold nanoparticles in tobacco (<i>Nicotiana xanthi</i>) seedlings. <i>Nanotoxicology</i> , 2012, 6, 353-360.	1.6	192
120	Polyelectrolyte Wrapping Layers Control Rates of Photothermal Molecular Release from Gold Nanorods. <i>Nano Letters</i> , 2012, 12, 2982-2987.	4.5	68
121	Gold nanorods: Their potential for photothermal therapeutics and drug delivery, tempered by the complexity of their biological interactions. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 190-199.	6.6	721
122	Age-Dependent Expression of Collagen Receptors and Deformation of Type I Collagen Substrates by Rat Cardiac Fibroblasts. <i>Microscopy and Microanalysis</i> , 2011, 17, 555-562.	0.2	16
123	Metallic Nanoantennae and their Use in Organic-Polymer Photovoltaics. <i>Journal of Cluster Science</i> , 2011, 22, 59-64.	1.7	3
124	Tuning of size and shape of Au-Pt nanocatalysts for direct methanol fuel cells. <i>Journal of Nanoparticle Research</i> , 2011, 13, 6347-6364.	0.8	26
125	Gold nanorod crystal growth: From seed-mediated synthesis to nanoscale sculpting. <i>Current Opinion in Colloid and Interface Science</i> , 2011, 16, 128-134.	3.4	219
126	The Many Faces of Gold Nanorods. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2867-2875.	2.1	247

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127	Toxicity and cellular uptake of gold nanoparticles: what we have learned so far?. Journal of Nanoparticle Research, 2010, 12, 2313-2333.	0.8	1,300
128	Cation Exchange on the Surface of Gold Nanorods with a Polymerizable Surfactant: Polymerization, Stability, and Toxicity Evaluation. Langmuir, 2010, 26, 9328-9333.	1.6	87
129	Polyelectrolyte Coating Provides a Facile Route to Suspend Gold Nanorods in Polar Organic Solvents and Hydrophobic Polymers. ACS Applied Materials & Interfaces, 2010, 2, 3417-3421.	4.0	53
130	Synthesis and Characterization of Silver-Platinum Bimetallic Nanowires and Platinum Nanotubes. Journal of Cluster Science, 2009, 20, 319-330.	1.7	26
131	Cellular Uptake and Cytotoxicity of Gold Nanorods: Molecular Origin of Cytotoxicity and Surface Effects. Small, 2009, 5, 701-708.	5.2	927
132	Transfer of gold nanoparticles from the water column to the estuarine food web. Nature Nanotechnology, 2009, 4, 441-444.	15.6	307
133	Polyelectrolyte-coated gold nanorods and their interactions with type I collagen. Biomaterials, 2009, 30, 5639-5648.	5.7	51
134	Spatial Control of Chemistry on the Inside and Outside of Inorganic Nanocrystals. ACS Nano, 2009, 3, 770-774.	7.3	15
135	Surface-Coverage Dependence of Surface-Enhanced Raman Scattering from Gold Nanocubes on Self-Assembled Monolayers of Analyte. Journal of Physical Chemistry A, 2009, 113, 3973-3978.	1.1	85
136	Gold Nanoparticles with a Polymerizable Surfactant Bilayer: Synthesis, Polymerization, and Stability Evaluation. Langmuir, 2009, 25, 13874-13879.	1.6	59
137	Glycosaminoglycan-functionalized gold nanorods: interactions with cardiac cells and type I collagen. Journal of Materials Chemistry, 2009, 19, 6332.	6.7	28
138	Diffusion Linked Solidification Model of Axisymmetric Growth of Gold Nanorods. Solid Mechanics and Its Applications, 2009, , 199-210.	0.1	0
139	Iron Oxide Coated Gold Nanorods: Synthesis, Characterization, and Magnetic Manipulation. Langmuir, 2008, 24, 6232-6237.	1.6	77
140	Sustainability as an emerging design criterion in nanoparticle synthesis and applications. Journal of Materials Chemistry, 2008, 18, 2173.	6.7	193
141	Azide-Derivatized Gold Nanorods: Functional Materials for Click-Chemistry. Langmuir, 2008, 24, 266-272.	1.6	163
142	Chemical sensing and imaging with metallic nanorods. Chemical Communications, 2008, , 544-557.	2.2	496
143	Gold Nanoparticles in Biology: Beyond Toxicity to Cellular Imaging. Accounts of Chemical Research, 2008, 41, 1721-1730.	7.6	1,637
144	Gold Nanorods as Nanoadmicelles: 1-Naphthol Partitioning into a Nanorod-Bound Surfactant Bilayer. Langmuir, 2008, 24, 10235-10239.	1.6	76

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145	Nanoscale structure and dynamics of DNA. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 1229-1242.	1.3	47
146	One-pot synthesis of silica-coated magnetic plasmonic tracer nanoparticles. <i>Chemical Communications</i> , 2008, , 6140.	2.2	29
147	Targeted Photothermal Lysis of the Pathogenic Bacteria, <i>Pseudomonas aeruginosa</i> , with Gold Nanorods. <i>Nano Letters</i> , 2008, 8, 302-306.	4.5	467
148	The Effect of Gold Nanorods on Cell-Mediated Collagen Remodeling. <i>Nano Letters</i> , 2008, 8, 3409-3412.	4.5	45
149	Plastic deformation of pentagonal silver nanowires: Comparison between AFM nanoindentation and atomistic simulations. <i>Physical Review B</i> , 2008, 77, .	1.1	57
150	Using Gold Nanorods to Probe Cell-Induced Collagen Deformation. <i>Nano Letters</i> , 2007, 7, 116-119.	4.5	102
151	Photophysical Probes of DNA Sequence-Directed Structure and Dynamics. <i>Advances in Photochemistry</i> , 2007, , 145-217.	0.4	17
152	Coumarin base-pair replacement as a fluorescent probe of ultrafast DNA dynamics. <i>Tetrahedron</i> , 2007, 63, 3450-3456.	1.0	42
153	Influence of the nature of quantum dot surface cations on interactions with DNA. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 559-564.	1.5	26
154	Bimetallic silver-gold nanowires: fabrication and use in surface-enhanced Raman scattering. <i>Journal of Materials Chemistry</i> , 2006, 16, 3929-3935.	6.7	168
155	One-Dimensional Colloidal Gold and Silver Nanostructures. <i>Inorganic Chemistry</i> , 2006, 45, 7544-7554.	1.9	361
156	Role of Monovalent Counterions in the Ultrafast Dynamics of DNA. <i>Journal of Physical Chemistry B</i> , 2006, 110, 13248-13255.	1.2	30
157	Ultrafast Dynamics in DNA: "Fraying" at the End of the Helix. <i>Journal of the American Chemical Society</i> , 2006, 128, 6885-6892.	6.6	130
158	Tunable One-Dimensional Silver-Silica Nanopeapod Architectures. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7226-7231.	1.2	51
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