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**Cellular uptake and cytotoxicity of gold nanorods:  
molecular origin of cytotoxicity and surface effects**

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889	Assessing cytotoxicity of (iron oxide-based) nanoparticles: an overview of different methods exemplified with cationic magnetoliposomes. <b>2009</b> , 4, 207-19		101
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336	Bulk Surfaces Coated with Triangular Silver Nanoplates: Antibacterial Action Based on Silver Release and Photo-Thermal Effect. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	65
335	Synthesis and Surface Engineering of Gold Nanoparticles, and Their Potential Applications in Bionanotechnology. <b>2017</b> ,		



334	Protein-Mediated Shape Control of Silver Nanoparticles. <b>2018</b> , 29, 1261-1265		36
333	A new route to gold nanoflowers. <b>2018</b> , 29, 185603		15
332	Bacteria-like mesoporous silica-coated gold nanorods for positron emission tomography and photoacoustic imaging-guided chemo-photothermal combined therapy. <b>2018</b> , 165, 56-65		90
331	Hydroxyapatite/mesoporous silica coated gold nanorods with improved degradability as a multi-responsive drug delivery platform. <b>2018</b> , 83, 90-98		57
330	Protein Corona in Response to Flow: Effect on Protein Concentration and Structure. <b>2018</b> , 115, 209-216		28
329	The Role of Onium Salts in the Pro-Oxidant Effect of Gold Nanoparticles in Lipophilic Environments. <b>2018</b> , 24, 9113-9119		5
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325	In Vitro and In Vivo Photothermal Cancer Therapeutic Effects of Gold Nanorods Modified with Mushroom $\beta$ Glucan. <b>2018</b> , 66, 4091-4098		25
324	Synchrotron-based X-ray fluorescence study of gold nanorods and skin elements distribution into excised human skin layers. <b>2018</b> , 165, 118-126		12
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322	Metagenomic analysis of microbial communities yields insight into impacts of nanoparticle design. <b>2018</b> , 13, 253-259		36
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320	Nanoparticles considered as mixtures for toxicological research. <b>2018</b> , 36, 1-20		9
319	Dependence of Nanoparticle Toxicity on Their Physical and Chemical Properties. <i>Nanoscale Research Letters</i> , <b>2018</b> , 13, 44	5	421
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317	Surfactant-free synthesis of extremely small stimuli-responsive colloidal gels using a confined impinging jet reactor. <b>2018</b> , 344, 375-379		10

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315	Near-Infrared-Light-Activatable Nanomaterial-Mediated Phototheranostic Nanomedicines: An Emerging Paradigm for Cancer Treatment. <b>2018</b> , 30, e1706320		287
314	Debugging Nano-Bio Interfaces: Systematic Strategies to Accelerate Clinical Translation of Nanotechnologies. <b>2018</b> , 36, 755-769		120
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310	Characterization and application of porous gold nanoparticles as 2-photon luminescence imaging agents: 20-fold brighter than gold nanorods. <b>2018</b> , 11, e201700174		3
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286	A Novel Fast Photothermal Therapy Using Hot Spots of Gold Nanorods for Malignant Melanoma Cells. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	6
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242	Engineering State-of-the-Art Plasmonic Nanomaterials for SERS-Based Clinical Liquid Biopsy Applications. <b>2019</b> , 6, 1900730		64
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177	Engineering Plasmonic Nanoparticles for Enhanced Photoacoustic Imaging. <b>2020</b> , 14, 9408-9422		69
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