

Erdene-Ochir Ganbold

List of Publications by Year in descending order

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36
papers

921
citations

516215

16
h-index

454577

30
g-index

37
all docs

37
docs citations

37
times ranked

1927
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Monitoring of Glutathione-Triggered Thiopurine Anticancer Drug Release in Live Cells Investigated by Surface-Enhanced Raman Scattering. <i>Analytical Chemistry</i> , 2012, 84, 2172-2178.	3.2	120
2	Gold Nanoparticle Silica Nanopeapods. <i>Journal of the American Chemical Society</i> , 2014, 136, 3833-3841.	6.6	95
3	A spatiotemporal anticancer drug release platform of PEGylated graphene oxide triggered by glutathione in vitro and in vivo. <i>Journal of Materials Chemistry</i> , 2012, 22, 23845.	6.7	91
4	Gold Nanorod-Assembled PEGylated Graphene Oxide Nanocomposites for Photothermal Cancer Therapy. <i>Photochemistry and Photobiology</i> , 2014, 90, 659-666.	1.3	72
5	Detection of the mycotoxin citrinin using silver substrates and Raman spectroscopy. <i>Journal of Hazardous Materials</i> , 2014, 265, 89-95.	6.5	43
6	Charge-dependent adsorption of rhodamine 6G on gold nanoparticle surfaces: fluorescence and Raman study. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1614-1619.	1.2	38
7	Adsorption and desorption of tyrosine kinase inhibitor erlotinib on gold nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2014, 425, 96-101.	5.0	35
8	Colloidal gold nanoparticle conjugates of gefitinib. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 61-67.	2.5	35
9	Subnanomolar detection of ochratoxin A using aptamer-attached silver nanoparticles and surface-enhanced Raman scattering. <i>Analytical Methods</i> , 2014, 6, 3573.	1.3	34
10	Conformational changes of proteins adsorbed onto ZnO nanoparticle surfaces investigated by concentration-dependent infrared spectroscopy. <i>Vibrational Spectroscopy</i> , 2012, 59, 23-28.	1.2	30
11	Infrared spectroscopy characterization of normal and lung cancer cells originated from epithelium. <i>Journal of Veterinary Science</i> , 2009, 10, 299.	0.5	28
12	Detection of Melamine in Powdered Milk Using Surface-Enhanced Raman Scattering with No Pretreatment. <i>Analytical Letters</i> , 2010, 43, 2135-2141.	1.0	28
13	Tautomerism of a thiabendazole fungicide on Ag and Au nanoparticles investigated by Raman spectroscopy and density functional theory calculations. <i>Journal of Molecular Structure</i> , 2013, 1049, 464-472.	1.8	28
14	Label-free Raman spectroscopy for accessing intracellular anticancer drug release on gold nanoparticles. <i>Analyst</i> , 2012, 137, 2852.	1.7	27
15	Aggregation effects of gold nanoparticles for single-base mismatch detection in influenza A (H1N1) DNA sequences using fluorescence and Raman measurements. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 93, 148-153.	2.5	21
16	Preferential adsorption of fetal bovine serum on bare and aromatic thiol-functionalized gold surfaces in cell culture media. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 105-113.	5.0	20
17	Interfacial Behavior of Benzoic Acid and Phenylphosphonic Acid on Nanocrystalline TiO ₂ Surfaces. <i>Chemistry - an Asian Journal</i> , 2010, 5, 852-858.	1.7	16
18	Reduction of 2,4-Dinitrophenol to 2,4-Diaminophenol Using AuNPs and AgNPs as Catalyst. <i>Solid State Phenomena</i> , 0, 271, 76-84.	0.3	16

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19	Gold Nanoparticle-Based Detection of Hg(II) in an Aqueous Solution: Fluorescence Quenching and Surface-Enhanced Raman Scattering Study. Bulletin of the Korean Chemical Society, 2011, 32, 519-523.	1.0	15
20	Adsorption changes of cyclohexyl isothiocyanate on gold surfaces. Journal of Colloid and Interface Science, 2009, 336, 648-653.	5.0	14
21	Nonidentical intracellular drug release rates in Raman and fluorescence spectroscopic determination. Physical Chemistry Chemical Physics, 2015, 17, 3019-3023.	1.3	13
22	Hydrogen bonding-induced color recovery of gold nanoparticles upon conjugation of amino acids. Chemical Communications, 2009, , 7354.	2.2	12
23	PEGylation density-modulated anticancer drug release on gold nanoparticles in live cells. Journal of Industrial and Engineering Chemistry, 2016, 33, 345-354.	2.9	11
24	Temperature-dependent structural change of d-penicillamine-capped chiral gold nanoparticles investigated by infrared spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 102, 419-424.	2.0	9
25	Raman spectroscopy of gold nanoparticle conjugates of cosmetic ingredient kinetin. Vibrational Spectroscopy, 2014, 73, 15-18.	1.2	9
26	Interactions between the Antifungal Drug Myclobutanil and Gold and Silver Nanoparticles in <i>Penicillium digitatum</i> Investigated by Surface-Enhanced Raman Scattering. Applied Spectroscopy, 2014, 68, 307-314.	1.2	8
27	CdS Nanoparticles as Efficient Fluorescence Resonance Energy Transfer Donors for Various Organic Dyes in an Aqueous Solution. Bulletin of the Korean Chemical Society, 2011, 32, 3610-3613.	1.0	8
28	Raman Spectroscopy and Density Functional Theory Calculations of β -Glucans and Chitins in Fungal Cell Walls. Bulletin of the Korean Chemical Society, 2013, 34, 943-945.	1.0	8
29	Confocal Raman microspectroscopic study of folate receptor-targeted delivery of 6-mercaptopurine-embedded gold nanoparticles in a single cell. Journal of Biomedical Materials Research - Part A, 2012, 100A, 1221-1228.	2.1	7
30	Raman spectroscopic study of 6-amino-7-deazapurine. Vibrational Spectroscopy, 2015, 80, 6-10.	1.2	7
31	Raman spectroscopy of combinatory anticancer drug release from gold nanoparticles inside a single leukemia cell. Journal of Raman Spectroscopy, 2013, 44, 675-679.	1.2	6
32	Energetic stabilities of thiolated pyrimidines on gold nanoparticles investigated by Raman spectroscopy and density functional theory calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 104-110.	2.0	4
33	Physicochemical characterization of the structure and desorption relationship of tioconazole-assembled gold nanoparticles investigated by density functional theory and Raman spectroscopy. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 486, 45-52.	2.3	3
34	Raman spectroscopy and density functional theory study of energetically closely separated $C_{2\prime}$ -endo and $C_{3\prime}$ -endo pentose forms in purine nucleoside analogue drug-gold conjugates. Journal of Raman Spectroscopy, 2018, 49, 424-430.		2
35	Comparison Study on Antimicrobial and Photocatalytic Activity of Different Shaped ZnO Nanoparticles. Solid State Phenomena, 2019, 288, 87-97.	0.3	1
36	Solubility Property of Baganuur Coal: Performance Assessment by FTIR Spectroscopic Analysis. Solid State Phenomena, 0, 323, 28-41.	0.3	1