

Zeljka Krpetic

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

1,818
citations

22
h-index

32
g-index

32
ext. papers

1,970
ext. citations

9.3
avg, IF

4.42
L-index

#	Paper	IF	Citations
30	Mapping protein binding sites on the biomolecular corona of nanoparticles. <i>Nature Nanotechnology</i> , 2015 , 10, 472-9	28.7	268
29	Negotiation of intracellular membrane barriers by TAT-modified gold nanoparticles. <i>ACS Nano</i> , 2011 , 5, 5195-201	16.7	131
28	Direct surface-enhanced Raman scattering analysis of DNA duplexes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1144-8	16.4	124
27	Mercaptocarborane-capped gold nanoparticles: electron pools and ion traps with switchable hydrophilicity. <i>Journal of the American Chemical Society</i> , 2012 , 134, 212-21	16.4	117
26	Intracellular mapping with SERS-encoded gold nanostars. <i>Integrative Biology (United Kingdom)</i> , 2011 , 3, 922-6	3.7	116
25	Influence of Size and Shape on the Anatomical Distribution of Endotoxin-Free Gold Nanoparticles. <i>ACS Nano</i> , 2017 , 11, 5519-5529	16.7	99
24	Importance of nanoparticle size in colorimetric and SERS-based multimodal trace detection of Ni(II) ions with functional gold nanoparticles. <i>Small</i> , 2012 , 8, 707-14	11	99
23	Inflicting controlled nonthermal damage to subcellular structures by laser-activated gold nanoparticles. <i>Nano Letters</i> , 2010 , 10, 4549-54	11.5	91
22	Revealing DNA interactions with exogenous agents by surface-enhanced Raman scattering. <i>Journal of the American Chemical Society</i> , 2015 , 137, 469-76	16.4	77
21	A multidentate peptide for stabilization and facile bioconjugation of gold nanoparticles. <i>Bioconjugate Chemistry</i> , 2009 , 20, 619-24	6.3	67
20	Positively charged silver nanoparticles and their effect on surface-enhanced Raman scattering of dye-labelled oligonucleotides. <i>Chemical Communications</i> , 2012 , 48, 8192-4	5.8	66
19	High-resolution sizing of monolayer-protected gold clusters by differential centrifugal sedimentation. <i>ACS Nano</i> , 2013 , 7, 8881-90	16.7	60
18	Phagocytosis of biocompatible gold nanoparticles. <i>Langmuir</i> , 2010 , 26, 14799-805	4	54
17	Gold nanoparticles capped by peptides. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2007 , 140, 187-194	3.1	51
16	Energy Dependence of Gold Nanoparticle Radiosensitization in Plasmid DNA. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 20160-20167	3.8	43
15	Directed assembly of DNA-functionalized gold nanoparticles using pyrrole-imidazole polyamides. <i>Journal of the American Chemical Society</i> , 2012 , 134, 8356-9	16.4	42
14	Electroreductions on Silver-Based Electrocatalysts: The Use of Ag Nanoparticles for CHCl ₃ to CH ₄ Conversion. <i>Fuel Cells</i> , 2009 , 9, 253-263	2.9	39

13	Direct Surface-Enhanced Raman Scattering Analysis of DNA Duplexes. <i>Angewandte Chemie</i> , 2015 , 127, 1160-1164	3.6	37
12	Gold-ligand interaction studies of water-soluble aminoalcohol capped gold nanoparticles by NMR. <i>Langmuir</i> , 2008 , 24, 7061-4	4	37
11	Towards a classification strategy for complex nanostructures. <i>Nanoscale Horizons</i> , 2017 , 2, 187-198	10.8	32
10	Gold nanoparticles prepared using cape aloe active components. <i>Langmuir</i> , 2009 , 25, 7217-21	4	32
9	Nanomaterials: impact on cells and cell organelles. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 811, 135-56	3.6	28
8	Preparation and characterization of Au nanoparticles capped with mercaptocarboranyl clusters. <i>Dalton Transactions</i> , 2014 , 43, 5054-61	4.3	21
7	Detecting the shape of anisotropic gold nanoparticles in dispersion with single particle extinction and scattering. <i>Nanoscale</i> , 2017 , 9, 2778-2784	7.7	20
6	Selective entrance of gold nanoparticles into cancer cells 2006 , 39, 66-68		18
5	Interactions of gold nanoparticles with a phospholipid monolayer membrane on mercury. <i>ACS Nano</i> , 2014 , 8, 6074-80	16.7	17
4	Acrylate-facilitated cellular uptake of gold nanoparticles. <i>Small</i> , 2011 , 7, 1982-6	11	15
3	Conjugation of PEG and gold nanoparticles to increase the accessibility and valency of tethered RNA splicing enhancers. <i>Chemical Science</i> , 2013 , 4, 257-265	9.4	6
2	In depth characterisation of the biomolecular coronas of polymer coated inorganic nanoparticles with differential centrifugal sedimentation. <i>Scientific Reports</i> , 2021 , 11, 6443	4.9	5
1	Single-phase bimetallic system for the selective oxidation of glycerol to glycerate. <i>Studies in Surface Science and Catalysis</i> , 2006 , 162, 553-560	1.8	3