

# Nanoparticle $\hat{\eta}$ -Potentials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Polyelectrolyte complex nanoparticles from chitosan and poly(acrylic acid) and Polystyrene- <i>block</i> -poly(acrylic acid). <i>Journal of Polymer Science Part A</i> , 2012, 50, 4484-4493.	2.5	17
2	Au-thymine, thymidine and thymidine 5'-monophosphate nanoparticles: chemical characterisation and cellular uptake studies into U87 cancer cells. <i>RSC Advances</i> , 2012, 2, 3658.	1.7	9
3	Three-Dimensional Real-Time Tracking of Nanoparticles at an Oil-Water Interface. <i>Langmuir</i> , 2012, 28, 9181-9188.	1.6	38
4	Essential parameters to consider for the characterization of optical imaging probes. <i>Nanomedicine</i> , 2012, 7, 1101-1107.	1.7	8
5	Influence of particle size on the in vitro digestibility of protein-coated lipid nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2012, 382, 110-116.	5.0	57
6	Immobilization of Enzymes and Cells. <i>Methods in Molecular Biology</i> , 2013, , .	0.4	54
7	Design and Characterization of Functional Nanoparticles for Enhanced Bio-performance. <i>Methods in Molecular Biology</i> , 2013, 1051, 165-207.	0.4	1
8	Synthesis of nanoparticles, their biocompatibility, and toxicity behavior for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5186.	2.9	80
9	Diverse applications of fibers surface-functionalized with nano- and microparticles. <i>Composites Science and Technology</i> , 2013, 79, 77-86.	3.8	6
10	Electrophoretic deposition and electrochemical behavior of novel graphene oxide-hyaluronic acid-hydroxyapatite nanocomposite coatings. <i>Applied Surface Science</i> , 2013, 284, 804-810.	3.1	82
11	Transverse ionic mobility measured in a dynamic light scattering device. <i>Journal of Colloid and Interface Science</i> , 2013, 406, 263-272.	5.0	1
12	Nanoparticle gel electrophoresis: Bare charged spheres in polyelectrolyte hydrogels. <i>Journal of Colloid and Interface Science</i> , 2013, 394, 1-12.	5.0	26
13	Manipulating the self assembly of colloids in electric fields. <i>European Physical Journal: Special Topics</i> , 2013, 222, 2895-2909.	1.2	69
14	Correlation between the Charge of Polymer Particles in Solution and in the Gas Phase Investigated by Zeta-Potential Measurements and Electrospray Ionization Mass Spectrometry.. <i>Langmuir</i> , 2013, 29, 14074-14081.	1.6	22
15	The Toxicity of Silver Nanoparticles Depends on Their Uptake by Cells and Thus on Their Surface Chemistry. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 1079-1085.	1.2	131
16	Nanoparticle mediated non-covalent drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 607-621.	6.6	145
17	Immune system targeting by biodegradable nanoparticles for cancer vaccines. <i>Journal of Controlled Release</i> , 2013, 168, 179-199.	4.8	212
18	Coexistence of plasmonic and magnetic properties in Au <sub>89</sub> Fe <sub>11</sub> nanoalloys. <i>Nanoscale</i> , 2013, 5, 5611.	2.8	92

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19	Edible lipid nanoparticles: Digestion, absorption, and potential toxicity. <i>Progress in Lipid Research</i> , 2013, 52, 409-423.	5.3	177
20	Nucleic acid-directed self-assembly of multifunctional gold nanoparticle imaging agents. <i>Biomaterials Science</i> , 2013, 1, 1055.	2.6	23
21	Channel Blocking of MspA Revisited. <i>Langmuir</i> , 2013, 29, 308-315.	1.6	8
22	Comparative method evaluation for size and size distribution analysis of gold nanoparticles. <i>Journal of Separation Science</i> , 2013, 36, 2952-2961.	1.3	87
23	Nanosopic surfactant behavior of the porin MspA in aqueous media. <i>Beilstein Journal of Nanotechnology</i> , 2013, 4, 278-284.	1.5	5
24	Endocytic Trafficking of Nanoparticles Delivered by Cell-penetrating Peptides Comprised of Nona-arginine and a Penetration Accelerating Sequence. <i>PLoS ONE</i> , 2013, 8, e67100.	1.1	50
25	Current state of laser synthesis of metal and alloy nanoparticles as ligand-free reference materials for nano-toxicological assays. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 1523-1541.	1.5	130
26	Targeted therapy with <i>MXD3</i> siRNA, anti- <i>CD22</i> antibody and nanoparticles for precursor <i>B</i> cell acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2014, 167, 487-499.	1.2	23
27	Mobility Reversal of Polyelectrolyte-Grafted Colloids in Monovalent Salt Solutions. <i>Physical Review Letters</i> , 2014, 113, 238301.	2.9	29
28	Gold nanoparticles functionalization notably decreases radiosensitization through hydroxyl radical production under ionizing radiation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 770-777.	2.5	49
29	Effects of Biomolecules on the Selectivity of Biosynthesized Pd/MgO Catalyst toward Selective Oxidation of Benzyl Alcohol. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 19128-19135.	1.8	11
30	On the stability of nanoparticles coated with polyelectrolytes in high salinity solutions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 1689-1699.	2.4	21
31	Electrophoretic mobility of weakly-charged (dipolar) hydrogels in water: Contribution of hydrogen-bonding in the solvent dipole layer. <i>Journal of Colloid and Interface Science</i> , 2014, 416, 294-305.	5.0	2
32	Near-Infrared Quantum Dots and Their Delicate Synthesis, Challenging Characterization, and Exciting Potential Applications. <i>Chemistry of Materials</i> , 2014, 26, 111-122.	3.2	79
33	ICP-MS-based characterization of inorganic nanoparticles—sample preparation and off-line fractionation strategies. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 467-479.	1.9	117
34	Curcumin nanoformulations: A review of pharmaceutical properties and preclinical studies and clinical data related to cancer treatment. <i>Biomaterials</i> , 2014, 35, 3365-3383.	5.7	698
35	Techniques for physicochemical characterization of nanomaterials. <i>Biotechnology Advances</i> , 2014, 32, 711-726.	6.0	497
36	CD44-tropic polymeric nanocarrier for breast cancer targeted rapamycin chemotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1221-1230.	1.7	32

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37	Graphene oxide/hydroxyapatite composite coatings fabricated by electrophoretic nanotechnology for biological applications. <i>Carbon</i> , 2014, 67, 185-197.	5.4	267
38	Reprotoxicity of gold, silver, and gold-silver alloy nanoparticles on mammalian gametes. <i>Analyst</i> , The, 2014, 139, 931-942.	1.7	149
39	Rapid Optimization of Metal Nanoparticle Surface Modification with High-Throughput Gel Electrophoresis. <i>ACS Nano</i> , 2014, 8, 1449-1456.	7.3	12
40	A New Mechanism for Hydroxyl Radical Production in Irradiated Nanoparticle Solutions. <i>Small</i> , 2014, 10, 3338-3346.	5.2	120
42	Transformations of Nanomaterials in the Environment. <i>Frontiers of Nanoscience</i> , 2014, 7, 55-87.	0.3	41
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44	Binding of a cyclic organoselenium compound with gold nanoparticles (GNP) and its effect on electron transfer properties. <i>Journal of Colloid and Interface Science</i> , 2014, 436, 179-185.	5.0	6
45	The cellular and genomic response of rat dopaminergic neurons (N27) to coated nanosilver. <i>NeuroToxicology</i> , 2014, 45, 12-21.	1.4	10
46	Role of Casting Solvent on Nanoparticle Dispersion in Polymer Nanocomposites. <i>Macromolecules</i> , 2014, 47, 5246-5255.	2.2	109
47	Interaction of colloidal nanoparticles with their local environment: the (ionic) nanoenvironment around nanoparticles is different from bulk and determines the physico-chemical properties of the nanoparticles. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20130931.	1.5	308
48	Analysis of the Field-Assisted Permanent Assembly of Oppositely Charged Particles. <i>Langmuir</i> , 2014, 30, 6577-6587.	1.6	19
49	<i>In Situ</i> Non-DLVO Stabilization of Surfactant-Free, Plasmonic Gold Nanoparticles: Effect of Hofmeister's Anions. <i>Langmuir</i> , 2014, 30, 4213-4222.	1.6	135
50	Engineered Nanoscale Food Ingredients: Evaluation of Current Knowledge on Material Characteristics Relevant to Uptake from the Gastrointestinal Tract. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2014, 13, 730-744.	5.9	85
51	Nanoparticle core properties affect attachment of macromolecule-coated nanoparticles to silica surfaces. <i>Environmental Chemistry</i> , 2014, 11, 257.	0.7	15
52	Nanoparticle-Mediated Target Delivery of TRAIL as Gene Therapy for Glioblastoma. <i>Advanced Healthcare Materials</i> , 2015, 4, 2719-2726.	3.9	69
53	Improved Antioxidant Capacity of Optimization of a Self-Microemulsifying Drug Delivery System for Resveratrol. <i>Molecules</i> , 2015, 20, 21167-21177.	1.7	31
54	A manufacturing perspective on graphene dispersions. <i>Current Opinion in Colloid and Interface Science</i> , 2015, 20, 367-382.	3.4	329
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60	Influence of ligands in metal nanoparticle electrophoresis for the fabrication of biofunctional coatings. <i>Applied Surface Science</i> , 2015, 348, 92-99.	3.1	45
61	Multiple and Co-Nanoprecipitation Studies of Branched Hydrophobic Copolymers and A $\beta$ Amphiphilic Block Copolymers, Allowing Rapid Formation of Sterically Stabilized Nanoparticles in Aqueous Media. <i>Macromolecules</i> , 2015, 48, 1883-1893.	2.2	8
62	The contribution of capping layer dielectric properties to nanoparticle stability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 483, 239-247.	2.3	2
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64	Comprehensive Multispectroscopic Analysis on the Interaction and Corona Formation of Human Serum Albumin with Gold/Silver Alloy Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2015, 119, 9461-9476.	1.2	111
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69	Conjugates of gold nanoparticles and poly(ethylene glycol): Formation in hydrosol, direct transfer to organic medium, and stability of organosols. <i>Colloid Journal</i> , 2015, 77, 511-519.	0.5	4
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71	Computer simulations of single particles in external electric fields. <i>Soft Matter</i> , 2015, 11, 6728-6739.	1.2	7
72	Characterization of Magnetic Nanoparticles in Biological Matrices. <i>Analytical Chemistry</i> , 2015, 87, 11611-11619.	3.2	30
73	Control of Surface Ligand Density on PEGylated Gold Nanoparticles for Optimized Cancer Cell Uptake. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 197-204.	1.2	38
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77	Versatile procedure for site-specific grafting of polymer brushes on patchy particles via atom transfer radical polymerization (ATRP). <i>Polymer Chemistry</i> , 2016, 7, 2858-2869.	1.9	12
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83	Gold nanoparticles (GNP) induced redox modulation in organoselenium compounds: distinction between cyclic vs. linear structures. <i>RSC Advances</i> , 2016, 6, 69501-69508.	1.7	1
84	Iron-Oxide-Based Nanovector for Tumor Targeted siRNA Delivery in an Orthotopic Hepatocellular Carcinoma Xenograft Mouse Model. <i>Small</i> , 2016, 12, 477-487.	5.2	58
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86	Gallic Acid Is an Antagonist of Semen Amyloid Fibrils That Enhance HIV-1 Infection. <i>Journal of Biological Chemistry</i> , 2016, 291, 14045-14055.	1.6	12
87	Critical review: impacts of macromolecular coatings on critical physicochemical processes controlling environmental fate of nanomaterials. <i>Environmental Science: Nano</i> , 2016, 3, 283-310.	2.2	130
88	Manipulating the Monolayer: Responsive and Reversible Control of Colloidal Inorganic Nanoparticle Properties. <i>ChemNanoMat</i> , 2016, 2, 87-98.	1.5	13
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96	Microelectrophoresis of Silica Rods Using Confocal Microscopy. <i>Langmuir</i> , 2017, 33, 881-890.	1.6	17
98	Techniques for the experimental investigation of the protein corona. <i>Current Opinion in Biotechnology</i> , 2017, 46, 106-113.	3.3	126
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106	Surface coating and matrix effect on the electrophoretic mobility of gold nanoparticles: a capillary electrophoresis-inductively coupled plasma mass spectrometry study. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 979-988.	1.9	33
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109	Sustained Release of Green Tea Polyphenols from Liposomal Nanoparticles; Release Kinetics and Mathematical Modelling. <i>Iranian Journal of Biotechnology</i> , 2017, 15, 277-283.	0.3	18
110	Simple and Sensitive Method for Determination of Protein Kinase Activity Based on Surface Charge Change of Peptide-Modified Gold Nanoparticles As Substrates. <i>Analytical Chemistry</i> , 2018, 90, 3871-3877.	3.2	19
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113	In Vivo Self-Assembly Nanotechnology for Biomedical Applications. <i>Nanomedicine and Nanotoxicology</i> , 2018, , .	0.1	1

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115	Minimum information reporting in bio-nano experimental literature. <i>Nature Nanotechnology</i> , 2018, 13, 777-785.	15.6	455
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119	Capillary electrophoresis and asymmetric flow field-flow fractionation for size-based separation of engineered metallic nanoparticles: A critical comparative review. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 106, 202-212.	5.8	37
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133	Polyphenols-enriched Hibiscus sabdariffa extract-loaded nanostructured lipid carriers (NLC): Optimization by multi-response surface methodology. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 660-667.	1.4	36
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137	The Stimulatory Effects of Nanochitin Whisker on Carbon and Nitrogen Metabolism and on the Enhancement of Grain Yield and Crude Protein of Winter Wheat. <i>Molecules</i> , 2019, 24, 1752.	1.7	19
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139	Synergism between Specific Halide Anions and pH Effects during Nanosecond Laser Fragmentation of Ligand-Free Gold Nanoparticles. <i>Langmuir</i> , 2019, 35, 6630-6639.	1.6	23
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144	Rapid Structural, Kinetic, and Immunochemical Analysis of Alpha-Synuclein Oligomers in Solution. <i>Nano Letters</i> , 2020, 20, 8163-8169.	4.5	24
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147	Interfacial water and ion distribution determine $\zeta$ potential and binding affinity of nanoparticles to biomolecules. <i>Nanoscale</i> , 2020, 12, 18106-18123.	2.8	14
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152	Transition metal complex/gold nanoparticle hybrid materials. <i>Chemical Society Reviews</i> , 2020, 49, 2316-2341.	18.7	37
153	Surface charge (zeta-potential) of nanoencapsulated food ingredients. , 2020, , 213-241.		11
154	Surface Potential/Charge Sensing Techniques and Applications. <i>Sensors</i> , 2020, 20, 1690.	2.1	19
155	Microflow Nanoprecipitation of Positively Charged Gastroresistant Polymer Nanoparticles of Eudragit® RS100: A Study of Fluid Dynamics and Chemical Parameters. <i>Materials</i> , 2020, 13, 2925.	1.3	5
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157	Nanoparticles Based on Hydrophobic Polysaccharide Derivativesâ€™ Formation Principles, Characterization Techniques, and Biomedical Applications. <i>Macromolecular Bioscience</i> , 2020, 20, e1900415.	2.1	69
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