

Jesus M De La Fuente

List of Publications by Year in Descending Order

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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.

245
papers

12,050
citations

61
h-index

102
g-index

265
ext. papers

13,413
ext. citations

7.1
avg, IF

6.38
L-index

#	Paper	IF	Citations
245	Iron-Gold Nanoflowers: A Promising Tool for Multimodal Imaging and Hyperthermia Therapy.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	3
244	Dual-targeted lung cancer therapy inhalation delivery of UCNP-siRNA-AS1411 nanocages. <i>Cancer Biology and Medicine</i> , 2021 ,	5.2	1
243	Neodymium doped lanthanide fluoride nanoparticles as contrast agents for luminescent bioimaging and X-ray computed tomography. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2021 ,	1.9	1
242	FeO-Au Core-Shell Nanoparticles as a Multimodal Platform for In Vivo Imaging and Focused Photothermal Therapy. <i>Pharmaceutics</i> , 2021 , 13,	6.4	7
241	Perspectives for antimicrobial nanomaterials in cultural heritage conservation. <i>Chem</i> , 2021 , 7, 629-669	16.2	8
240	Critical Parameters to Improve Pancreatic Cancer Treatment Using Magnetic Hyperthermia: Field Conditions, Immune Response, and Particle Biodistribution. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 12982-12996	9.5	7
239	Interaction of Differently Sized, Shaped, and Functionalized Silver and Gold Nanoparticles with Glycosylated versus Nonglycosylated Transferrin. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 27533-27542	9.5	7
238	Coating an adenovirus with functionalized gold nanoparticles favors uptake, intracellular trafficking and anti-cancer therapeutic efficacy. <i>Acta Biomaterialia</i> , 2021 , 134, 593-604	10.8	1
237	Nanotechnology-Based Targeted Drug Delivery: An Emerging Tool to Overcome Tuberculosis. <i>Advanced Therapeutics</i> , 2021 , 4, 2000113	4.9	13
236	On-POM Ring-Opening Polymerisation of N-Carboxyanhydrides. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3449-3453	16.4	7
235	Dysprosium and Holmium Vanadate Nanoprobes as High-Performance Contrast Agents for High-Field Magnetic Resonance and Computed Tomography Imaging. <i>Inorganic Chemistry</i> , 2021 , 60, 152-160	5.1	4
234	On-POM Ring-Opening Polymerisation of N-Carboxyanhydrides. <i>Angewandte Chemie</i> , 2021 , 133, 3491-3495	16.4	2
233	Rücktitelbild: On-POM Ring-Opening Polymerisation of N-Carboxyanhydrides (Angew. Chem. 7/2021). <i>Angewandte Chemie</i> , 2021 , 133, 3868-3868	3.6	
232	Unveiling the role of surface, size, shape and defects of iron oxide nanoparticles for theranostic applications. <i>Nanoscale</i> , 2021 , 13, 14552-14571	7.7	7
231	Au-siRNA@ aptamer nanocages as a high-efficiency drug and gene delivery system for targeted lung cancer therapy. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 54	9.4	12
230	Highly Efficient T2 Cobalt Ferrite Nanoparticles Vectorized for Internalization in Cancer Cells. <i>Pharmaceutics</i> , 2021 , 14,	5.2	1
229	Nano-Second Laser Interference Photoembossed Microstructures for Enhanced Cell Alignment. <i>Polymers</i> , 2021 , 13,	4.5	1

228	Selective Magnetic Nanoheating: Combining Iron Oxide Nanoparticles for Multi-Hot-Spot Induction and Sequential Regulation. <i>Nano Letters</i> , 2021 , 21, 7213-7220	11.5	6
227	Nanoparticles and bioorthogonal chemistry joining forces for improved biomedical applications. <i>Nanoscale Advances</i> , 2021 , 3, 1261-1292	5.1	9
226	Smartphone-Based Colorimetric Method to Quantify Iron Concentration and to Determine the Nanoparticle Size from Suspensions of Magnetic Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 2000032	3.1	2
225	Human iPS Cells Loaded with MnO-Based Nanoprobes for Photodynamic and Simultaneous Enhanced Immunotherapy Against Cancer. <i>Nano-Micro Letters</i> , 2020 , 12, 127	19.5	18
224	Glycogen Synthase Kinase 3 Inhibitor Delivered by Chitosan Nanocapsules Promotes Safe, Fast, and Efficient Activation of Wnt Signaling. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 2893-2903	5.5	3
223	Nanoparticle-based biosensors for detection of extracellular vesicles in liquid biopsies. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 6710-6738	7.3	15
222	Surfactant-Free Synthesis and Scalable Purification of Triangular Gold Nanoprisms with Low Non-Specific Cellular Uptake. <i>Nanomaterials</i> , 2020 , 10,	5.4	5
221	Inkjet-Based Technology for Microencapsulation of Gold Nanoparticles within Biocompatible Hydrogels. <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 2000026	3.1	1
220	A plasmonic thermal sensing based portable device for lateral flow assay detection and quantification. <i>Nanoscale Research Letters</i> , 2020 , 15, 10	5	20
219	Long-Circulating Drug-Dye-Based Micelles with Ultrahigh pH-Sensitivity for Deep Tumor Penetration and Superior Chemo-Photothermal Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1906309	15.6	44
218	Design of a nanoprobe for high field magnetic resonance imaging, dual energy X-ray computed tomography and luminescent imaging. <i>Journal of Colloid and Interface Science</i> , 2020 , 573, 278-286	9.3	5
217	Bimodal Nd-Doped LuVO Nanoprobes Functionalized with Polyacrylic Acid for X-Ray Computed Tomography and NIR Luminescent Imaging. <i>Nanomaterials</i> , 2020 , 10,	5.4	9
216	Risk Governance of Emerging Technologies Demonstrated in Terms of its Applicability to Nanomaterials. <i>Small</i> , 2020 , 16, e2003303	11	14
215	Altering model cell membranes by means of localized magnetic heating. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 196, 111315	6	1
214	The Intracellular Number of Magnetic Nanoparticles Modulates the Apoptotic Death Pathway after Magnetic Hyperthermia Treatment. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 43474-43487	9.5	12
213	Biocompatible Microcapsules: Inkjet-Based Technology for Microencapsulation of Gold Nanoparticles within Biocompatible Hydrogels (Part. Part. Syst. Charact. 4/2020). <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 2070011	3.1	
212	Competitive hydrogen bonding in supramolecular polymerizations of tribenzylbenzene-1,3,5-tricarboxamides. <i>Molecular Systems Design and Engineering</i> , 2020 , 5, 820-828	4.6	4
211	Inhibition of p38 MAPK in the brain through nasal administration of p38 inhibitor loaded in chitosan nanocapsules. <i>Nanomedicine</i> , 2019 , 14, 2409-2422	5.6	7

210	Co-delivery of free vancomycin and transcription factor decoy-nanostructured lipid carriers can enhance inhibition of methicillin resistant <i>Staphylococcus aureus</i> (MRSA). <i>PLoS ONE</i> , 2019 , 14, e0220684	3.7	6
209	Gold nanoparticle coatings as efficient adenovirus carriers to non-infectable stem cells.. <i>RSC Advances</i> , 2019 , 9, 1327-1334	3.7	8
208	Current status and future perspectives of gold nanoparticle vectors for siRNA delivery. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 876-896	7.3	35
207	Tri-mannose grafting of chitosan nanocarriers remodels the macrophage response to bacterial infection. <i>Journal of Nanobiotechnology</i> , 2019 , 17, 15	9.4	8
206	Preventing fungal growth on heritage paper with antifungal and cellulase inhibiting magnesium oxide nanoparticles. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6412-6419	7.3	11
205	Mn-Doping level dependence on the magnetic response of MnFeO ferrite nanoparticles. <i>Dalton Transactions</i> , 2019 , 48, 11480-11491	4.3	19
204	Photo-Fenton-like Metal-Protein Self-Assemblies as Multifunctional Tumor Theranostic Agent. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900192	10.1	35
203	Synthesis of Gold Nanoparticles for Gene Silencing. <i>Methods in Molecular Biology</i> , 2019 , 1974, 203-214	1.4	5
202	Intracellular Delivery of Biologically-Active Fungal Metabolite Gliotoxin Using Magnetic Nanoparticles. <i>Materials</i> , 2019 , 12,	3.5	1
201	Design of stable magnetic hybrid nanoparticles of Si-entrapped HRP. <i>PLoS ONE</i> , 2019 , 14, e0214004	3.7	8
200	Metal-Protein Nanotheranostics: Photo-Fenton-like Metal-Protein Self-Assemblies as Multifunctional Tumor Theranostic Agent (Adv. Healthcare Mater. 15/2019). <i>Advanced Healthcare Materials</i> , 2019 , 8, 1970060	10.1	
199	Natural Polysaccharides for siRNA Delivery: Nanocarriers Based on Chitosan, Hyaluronic Acid, and Their Derivatives. <i>Molecules</i> , 2019 , 24,	4.8	57
198	Synthesis, functionalization and properties of uniform europium-doped sodium lanthanum tungstate and molybdate (NaLa(XO), X = Mo,W) probes for luminescent and X-ray computed tomography bioimaging. <i>Journal of Colloid and Interface Science</i> , 2019 , 554, 520-530	9.3	14
197	A tumor microenvironment responsive biodegradable CaCO ₃ /MnO ₂ - based nanoplatfom for the enhanced photodynamic therapy and improved PD-L1 immunotherapy. <i>Theranostics</i> , 2019 , 9, 6867-6884	12.1	76
196	comparison of the biodistribution and long-term fate of colloids - gold nanoprisms and nanorods - with minimum surface modification. <i>Nanomedicine</i> , 2019 , 14, 3035-3055	5.6	4
195	A simple and universal enzyme-free approach for the detection of multiple microRNAs using a single nanostructured enhancer of surface plasmon resonance imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 1873-1885	4.4	23
194	Protection of 18th century paper using antimicrobial nano-magnesium oxide. <i>International Biodeterioration and Biodegradation</i> , 2019 , 141, 79-86	4.8	12
193	Enzyme activation by alternating magnetic field: Importance of the bioconjugation methodology. <i>Journal of Colloid and Interface Science</i> , 2019 , 537, 615-628	9.3	23

192	Aggregation effects on the magnetic properties of iron oxide colloids. <i>Nanotechnology</i> , 2019 , 30, 112001-4	3.4	75
191	Introduction to Hyperthermia 2019 , 1-10		2
190	Enhancing Luminescence and X-ray Absorption Capacity of Eu ³⁺ :LaF ₃ Nanoparticles by Bi ³⁺ Codoping. <i>ACS Omega</i> , 2019 , 4, 765-774	3.9	12
189	Polypeptidic Micelles Stabilized with Sodium Alginate Enhance the Activity of Encapsulated Bedaquiline. <i>Macromolecular Bioscience</i> , 2019 , 19, e1800397	5.5	10
188	Triggering antitumoural drug release and gene expression by magnetic hyperthermia. <i>Advanced Drug Delivery Reviews</i> , 2019 , 138, 326-343	18.5	54
187	Nanoparticles engineered to bind cellular motors for efficient delivery. <i>Journal of Nanobiotechnology</i> , 2018 , 16, 33	9.4	12
186	RGD-Functionalized FeO nanoparticles for magnetic hyperthermia. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 165, 315-324	6	32
185	pH-responsive gold nanoclusters-based nanoprobes for lung cancer targeted near-infrared fluorescence imaging and chemo-photodynamic therapy. <i>Acta Biomaterialia</i> , 2018 , 68, 308-319	10.8	62
184	New active formulations against M. tuberculosis: Bedaquiline encapsulation in lipid nanoparticles and chitosan nanocapsules. <i>Chemical Engineering Journal</i> , 2018 , 340, 181-191	14.7	29
183	Effect of Surface Chemistry and Associated Protein Corona on the Long-Term Biodegradation of Iron Oxide Nanoparticles In Vivo. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 4548-4560	9.5	77
182	Mimicking Pathogenic Invasion with the Complexes of Au(SG)-Engineered Assemblies and Folic Acid. <i>ACS Nano</i> , 2018 , 12, 4408-4418	16.7	34
181	Magnetic separation and high reusability of chloroperoxidase entrapped in multi polysaccharide micro-supports. <i>Applied Catalysis A: General</i> , 2018 , 560, 94-102	5.1	4
180	Cytokine induced killer cells-assisted delivery of chlorin e6 mediated self-assembled gold nanoclusters to tumors for imaging and immuno-photodynamic therapy. <i>Biomaterials</i> , 2018 , 170, 1-11	15.6	55
179	Beyond Traditional Hyperthermia: In Vivo Cancer Treatment with Magnetic-Responsive Mesoporous Silica Nanocarriers. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12518-12525	9.5	80
178	Effective Photokilling by Cell-Adhesive Gold Nanorods. <i>Frontiers in Chemistry</i> , 2018 , 6, 234	5	9
177	Heating at the Nanoscale through Drug-Delivery Devices: Fabrication and Synergic Effects in Cancer Treatment with Nanoparticles. <i>Small Methods</i> , 2018 , 2, 1800007	12.8	18
176	Salivary Analysis Based on Surface Enhanced Raman Scattering Sensors Distinguishes Early and Advanced Gastric Cancer Patients from Healthy Persons. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 1773-1784	4	30
175	Magnetic Nanoparticles for Cancer Treatment Using Magnetic Hyperthermia 2018 , 305-318		1

174	Nanotechnology in Personalized Medicine: A Promising Tool for Alzheimer's Disease Treatment. <i>Current Medicinal Chemistry</i> , 2018 , 25, 4602-4615	4.3	12
173	Dual Role of Magnetic Nanoparticles as Intracellular Hotspots and Extracellular Matrix Disruptors Triggered by Magnetic Hyperthermia in 3D Cell Culture Models. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 44301-44313	9.5	24
172	Polyoxometallat-ionische Flüssigkeiten (POM-ILs) als Antikorrosions- und antibakterielle Beschichtung für Natursteine. <i>Angewandte Chemie</i> , 2018 , 130, 15142-15147	3.6	8
171	Polyoxometalate-Ionic Liquids (POM-ILs) as Anticorrosion and Antibacterial Coatings for Natural Stones. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14926-14931	16.4	64
170	Gold nanocluster fluorescence as an indicator for optical enzymatic nanobiosensors: choline and acetylcholine determination. <i>Sensors and Actuators B: Chemical</i> , 2018 , 277, 261-270	8.5	14
169	Entfernung von organischen, anorganischen und mikrobiellen Schadstoffen aus Wasser durch immobilisierte Polyoxometallat-basierte ionische Flüssigkeiten (POM-SILPs). <i>Angewandte Chemie</i> , 2017 , 129, 1689-1692	3.6	13
168	Removal of Multiple Contaminants from Water by Polyoxometalate Supported Ionic Liquid Phases (POM-SILPs). <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1667-1670	16.4	82
167	Glucose oxidase immobilized on magnetic nanoparticles: Nanobiosensors for fluorescent glucose monitoring. <i>Mikrochimica Acta</i> , 2017 , 184, 1325-1333	5.8	7
166	Highly sensitive ratiometric quantification of cyanide in water with gold nanoparticles via Resonance Rayleigh Scattering. <i>Talanta</i> , 2017 , 167, 51-58	6.2	10
165	Photopolymers based on ethynyl-functionalized degradable polylactides by thiol-yne Click Chemistry. <i>Polymer</i> , 2017 , 117, 259-267	3.9	6
164	Nanoparticles for multi-modality cancer diagnosis: Simple protocol for self-assembly of gold nanoclusters mediated by gadolinium ions. <i>Biomaterials</i> , 2017 , 120, 103-114	15.6	83
163	Multiparametric analysis of anti-proliferative and apoptotic effects of gold nanoprisms on mouse and human primary and transformed cells, biodistribution and toxicity in vivo. <i>Particle and Fibre Toxicology</i> , 2017 , 14, 41	8.4	16
162	Reversible Monolayer-Bilayer Transition in Supported Phospholipid LB Films under the Presence of Water: Morphological and Nanomechanical Behavior. <i>Langmuir</i> , 2017 , 33, 7538-7547	4	4
161	HoF3 and DyF3 Nanoparticles as Contrast Agents for High-Field Magnetic Resonance Imaging. <i>Particle and Particle Systems Characterization</i> , 2017 , 34, 1700116	3.1	22
160	Covalent immobilisation of magnetic nanoparticles on surfaces via strain-promoted azide-alkyne click chemistry. <i>New Journal of Chemistry</i> , 2017 , 41, 10835-10840	3.6	9
159	Mitochondria-targeting near-infrared light-triggered thermosensitive liposomes for localized photothermal and photodynamic ablation of tumors combined with chemotherapy. <i>Nanoscale</i> , 2017 , 9, 11103-11118	7.7	59
158	Gold-nanoparticles coated with the antimicrobial peptide esculentin-1a(1-21)NH ₂ as a reliable strategy for antipseudomonal drugs. <i>Acta Biomaterialia</i> , 2017 , 47, 170-181	10.8	97
157	Tumor-triggered drug release from calcium carbonate-encapsulated gold nanostars for near-infrared photodynamic/photothermal combination antitumor therapy. <i>Theranostics</i> , 2017 , 7, 1650-1662	12.1	75

156	Targeted Nanoparticles for the Treatment of Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2017 , 23, 1927-1952	3.3	17
155	Breath Analysis Based on Surface-Enhanced Raman Scattering Sensors Distinguishes Early and Advanced Gastric Cancer Patients from Healthy Persons. <i>ACS Nano</i> , 2016 , 10, 8169-79	16.7	137
154	Gold nanoprism-nanorod face off: comparing the heating efficiency, cellular internalization and thermoablation capacity. <i>Nanomedicine</i> , 2016 , 11, 2903-2916	5.6	29
153	Chemical Synthesis and Magnetic Properties of Monodisperse Nickel Ferrite Nanoparticles for Biomedical Applications. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 3492-3500	3.8	55
152	In vitro cell cytotoxicity profile and morphological response to polyoxometalate-stabilised gold nanoparticles. <i>New Journal of Chemistry</i> , 2016 , 40, 1039-1047	3.6	11
151	Mechanistic insights into the activation process in electrocatalytic ethanol oxidation by phosphomolybdic acid-stabilised palladium(0) nanoparticles (PdNPs@PMo12). <i>RSC Advances</i> , 2016 , 6, 5359-5366	3.7	15
150	Glucose-functionalized Au nanoprisms for optoacoustic imaging and near-infrared photothermal therapy. <i>Nanoscale</i> , 2016 , 8, 492-9	7.7	36
149	On the formation of gold nanoparticles from [AuIIICl4] and a non-classical reduced polyoxomolybdate as an electron source: a quantum mechanical modelling and experimental study. <i>New Journal of Chemistry</i> , 2016 , 40, 1029-1038	3.6	6
148	Surface engineered magnetic nanoparticles for specific immunotargeting of cadherin expressing cells. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 054003	3	3
147	Recent advances in biosensing using magnetic glyconanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 1783-803	4.4	18
146	pH-Sensitive self-assembling nanoparticles for tumor near-infrared fluorescence imaging and chemo-photodynamic combination therapy. <i>Nanoscale</i> , 2016 , 8, 104-16	7.7	113
145	Human CIK Cells Loaded with Gold Nanoprisms as Theranostic Platform for Targeted Photoacoustic Imaging and Enhanced Immuno-Photothermal Combined Therapy. <i>Nano Biomedicine and Engineering</i> , 2016 , 8,	2.9	6
144	EGFR Antibody Conjugated Bimetallic Au@Ag Nanorods for Enhanced SERS-Based Tumor Boundary Identification, Targeted Photoacoustic Imaging and Photothermal Therapy. <i>Nano Biomedicine and Engineering</i> , 2016 , 8,	2.9	14
143	Ligand-Free Synthesis of Tunable Size Ln:BaGdF ₄ (Ln = Eu ³⁺ and Nd ³⁺) Nanoparticles: Luminescence, Magnetic Properties, and Biocompatibility. <i>Langmuir</i> , 2016 , 32, 411-20	4	29
142	Controlling Properties and Cytotoxicity of Chitosan Nanocapsules by Chemical Grafting. <i>Marine Drugs</i> , 2016 , 14,	6	18
141	ROS-Responsive Mitochondria-Targeting Blended Nanoparticles: Chemo- and Photodynamic Synergistic Therapy for Lung Cancer with On-Demand Drug Release upon Irradiation with a Single Light Source. <i>Theranostics</i> , 2016 , 6, 2352-2366	12.1	107
140	Intestinal anti-inflammatory effects of RGD-functionalized silk fibroin nanoparticles in trinitrobenzenesulfonic acid-induced experimental colitis in rats. <i>International Journal of Nanomedicine</i> , 2016 , 11, 5945-5958	7.3	28
139	Near-Infrared Light Triggered ROS-activated Theranostic Platform based on Ce6-CPT-UCNPs for Simultaneous Fluorescence Imaging and Chemo-Photodynamic Combined Therapy. <i>Theranostics</i> , 2016 , 6, 456-69	12.1	133

138	A Lectin Purified from Blood Red Bracket Mushroom, <i>Pycnoporus sanguineus</i> (Agaricomycetidae), Mycelium Displayed Affinity Toward Bovine Transferrin. <i>International Journal of Medicinal Mushrooms</i> , 2016 , 18, 67-74	1.3	3
137	Sterilization Case Study 1: Effects of Different Sterilization Techniques on Gold Nanoparticles. <i>Frontiers in Nanobiomedical Research</i> , 2016 , 77-92		
136	Gold nanoprisms as a hybrid in vivo cancer theranostic platform for in situ photoacoustic imaging, angiography, and localized hyperthermia. <i>Nano Research</i> , 2016 , 9, 1043-1056	10	56
135	Multifunctional Eu-doped NaGd(MoO) nanoparticles functionalized with poly(L-lysine) for optical and MRI imaging. <i>Dalton Transactions</i> , 2016 , 45, 16354-16365	4.3	17
134	Protein-templated biomimetic silica nanoparticles. <i>Langmuir</i> , 2015 , 31, 3687-95	4	36
133	A polyoxometalate-assisted approach for synthesis of Pd nanoparticles on graphene nanosheets: synergistic behaviour for enhanced electrocatalytic activity. <i>RSC Advances</i> , 2015 , 5, 24319-24326	3.7	28
132	Surface Functionalization of Nanoparticles with Polyethylene Glycol: Effects on Protein Adsorption and Cellular Uptake. <i>ACS Nano</i> , 2015 , 9, 6996-7008	16.7	587
131	Applying the Retro-Enantio Approach To Obtain a Peptide Capable of Overcoming the BloodBrain Barrier. <i>Angewandte Chemie</i> , 2015 , 127, 4039-4044	3.6	7
130	Shape matters: synthesis and biomedical applications of high aspect ratio magnetic nanomaterials. <i>Nanoscale</i> , 2015 , 7, 8233-60	7.7	71
129	RNAi-based glyconanoparticles trigger apoptotic pathways for in vitro and in vivo enhanced cancer-cell killing. <i>Nanoscale</i> , 2015 , 7, 9083-91	7.7	28
128	Deciphering intracellular events triggered by mild magnetic hyperthermia in vitro and in vivo. <i>Nanomedicine</i> , 2015 , 10, 2167-83	5.6	30
127	High Specific Absorption Rate and Transverse Relaxivity Effects in Manganese Ferrite Nanoparticles Obtained by an Electrochemical Route. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 6828-6834	3.8	45
126	15 years on siRNA delivery: Beyond the State-of-the-Art on inorganic nanoparticles for RNAi therapeutics. <i>Nano Today</i> , 2015 , 10, 421-450	17.9	63
125	Gold nanoparticle-siRNA mediated oncogene knockdown at RNA and protein level, with associated gene effects. <i>Nanomedicine</i> , 2015 , 10, 2513-25	5.6	10
124	Investigating the role of shape on the biological impact of gold nanoparticles in vitro. <i>Nanomedicine</i> , 2015 , 10, 2643-57	5.6	24
123	Significance of the balance between intracellular glutathione and polyethylene glycol for successful release of small interfering RNA from gold nanoparticles. <i>Nano Research</i> , 2015 , 8, 3281-3292	10	15
122	Citrate-capped gold nanoparticles for the label-free detection of ubiquitin C-terminal hydrolase-1. <i>Analyst, The</i> , 2015 , 140, 1166-73	5	14
121	Long-circulating PEGylated manganese ferrite nanoparticles for MRI-based molecular imaging. <i>Nanoscale</i> , 2015 , 7, 2050-9	7.7	83

120	Dissecting the molecular mechanism of apoptosis during photothermal therapy using gold nanoprisms. <i>ACS Nano</i> , 2015 , 9, 52-61	16.7	260
119	Uniform Poly(acrylic acid)-Functionalized Lanthanide-Doped LaVO ₄ Nanophosphors with High Colloidal Stability and Biocompatibility. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4546-4554	2.3	14
118	Rescuing compound bioactivity in a secondary cell-based screening by using β -cyclodextrin as a molecular carrier. <i>International Journal of Nanomedicine</i> , 2015 , 10, 2249-59	7.3	4
117	Presentation of a nano-based tag for immunoassay, based on amine-modified bovine serum albumin nanoparticles. <i>IET Nanobiotechnology</i> , 2015 , 9, 43-51	2	1
116	Magnetic-Responsive Release Controlled by Hot Spot Effect. <i>Langmuir</i> , 2015 , 31, 12777-82	4	76
115	Applying the retro-entio approach to obtain a peptide capable of overcoming the blood-brain barrier. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3967-72	16.4	79
114	New Ionic bis-MPA and PAMAM Dendrimers: A Study of Their Biocompatibility and DNA-Complexation. <i>Macromolecular Bioscience</i> , 2015 , 15, 657-67	5.5	9
113	The impact of a specific blend of essential oil components and sodium butyrate in feed on growth performance and Salmonella counts in experimentally challenged broilers. <i>Poultry Science</i> , 2014 , 93, 599-606	3.9	44
112	Alkyl cysteine-coated gold nanoparticles: effect of C ₆ tetrasubstitution on colloidal stability. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	4
111	Study of neuron survival on polypyrrole-embedded single-walled carbon nanotube substrates for long-term growth conditions. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 4443-54	5.4	10
110	Quantum dot and superparamagnetic nanoparticle interaction with pathogenic fungi: internalization and toxicity profile. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 9100-10	9.5	61
109	Supramolecular antimicrobial capsules assembled from polyoxometalates and chitosan. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 7114-7117	7.3	21
108	Multifunctional Gold Nanocarriers for Cancer Theranostics: From Bench to Bedside and Back Again?. <i>Advances in Delivery Science and Technology</i> , 2014 , 295-328		1
107	Amphiphilic dendritic derivatives as nanocarriers for the targeted delivery of antimalarial drugs. <i>Biomaterials</i> , 2014 , 35, 7940-50	15.6	65
106	Influence of a silica interlayer on the structural and magnetic properties of sol-gel TiO ₂ -coated magnetic nanoparticles. <i>Langmuir</i> , 2014 , 30, 5238-47	4	12
105	Gold nanoprisms for photothermal cell ablation in vivo. <i>Nanomedicine</i> , 2014 , 9, 1913-22	5.6	32
104	Strategies for the biofunctionalization of gold and iron oxide nanoparticles. <i>Langmuir</i> , 2014 , 30, 15057-74		57
103	Triangular gold nanoparticles conjugated with peptide ligands: a new class of inhibitor for <i>Candida albicans</i> secreted aspartyl proteinase. <i>Biochemical Pharmacology</i> , 2014 , 90, 349-55	6	20

102	One-Step Synthesis and Polyacrylic Acid Functionalization of Multifunctional Europium-Doped NaGdF ₄ Nanoparticles with Selected Size for Optical and MRI Imaging. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 6075-6084	2.3	15
101	Silk fibroin nanoparticles constitute a vector for controlled release of resveratrol in an experimental model of inflammatory bowel disease in rats. <i>International Journal of Nanomedicine</i> , 2014 , 9, 4507-20	7.3	51
100	A promising road with challenges: where are gold nanoparticles in translational research?. <i>Nanomedicine</i> , 2014 , 9, 2353-70	5.6	50
99	Nanoparticle-mediated monitoring of carbohydrate-lectin interactions using Transient Magnetic Birefringence. <i>Analytical Chemistry</i> , 2014 , 86, 12159-65	7.8	11
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