

CITATION REPORT

List of articles citing

Bioconjugated silica nanoparticles: Development and applica

DOI: 10.1007/s12274-008-8018-3
Nano Research, 2008, 1, 99-115.

Source: <https://exaly.com/paper-pdf/43296603/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

| # | Paper | IF | Citations |
|-----|--|----|-----------|
| 326 | Assessment of adenoviral vector safety and toxicity: report of the National Institutes of Health Recombinant DNA Advisory Committee. 2002 , 13, 3-13 | | 149 |
| 325 | Bioconjugated silica nanoparticles: Development and applications. <i>Nano Research</i> , 2008 , 1, 99-115 | 10 | 307 |
| 324 | Multiplexed multicolor Raman imaging of live cells with isotopically modified single walled carbon nanotubes. 2008 , 130, 13540-1 | | 233 |
| 323 | Overview of the main methods used to combine proteins with nanosystems: absorption, bioconjugation, and encapsulation. 2009 , 37 | | 9 |
| 322 | Applications of nanomaterials in electrogenerated chemiluminescence biosensors. 2009 , 9, 674-95 | | 88 |
| 321 | Potential of silica bodies (phytoliths) for nanotechnology. 2009 , 27, 461-7 | | 109 |
| 320 | Carbon Nanotubes in Biology and Medicine: In vitro and in vivo Detection, Imaging and Drug Delivery. <i>Nano Research</i> , 2009 , 2, 85-120 | 10 | 1329 |
| 319 | Rattle-type silica colloidal particles prepared by a surface-protected etching process. <i>Nano Research</i> , 2009 , 2, 583-591 | 10 | 164 |
| 318 | Asymmetrical flow field-flow fractionation with multi-angle light scattering detection for the analysis of structured nanoparticles. 2009 , 1216, 9106-12 | | 61 |
| 317 | Hybrid CyanineSilica Nanoparticles: Homogeneous Photoemission Behavior of Entrapped Fluorophores and Consequent High Brightness Enhancement. 2009 , 113, 21048-21053 | | 35 |
| 316 | Multifunctional core-shell nanoparticles as highly efficient imaging and photosensitizing agents. 2009 , 25, 10153-8 | | 79 |
| 315 | Enhanced Fluorescence of Quantum Dots by Au Nanoparticles on Multi-Color Silica Spheres Labeled with Organic Dyes and Quantum Dots. 2009 , | | |
| 314 | PEG branched polymer for functionalization of nanomaterials with ultralong blood circulation. 2009 , 131, 4783-7 | | 488 |
| 313 | Structure and morphology of aminopropyltriethoxysilane-modified TiO ₂ nano-particles derived from sol-gel processing of tetraethylorthotitanate. 2009 , 117, 537-541 | | |
| 312 | Nanobioimaging and sensing of infectious diseases. 2010 , 62, 424-37 | | 189 |
| 311 | Single-walled carbon nanotube as an effective quencher. 2010 , 396, 73-83 | | 98 |
| 310 | Novel multicolor fluorescently labeled silica nanoparticles for interface fluorescence resonance energy transfer to and from labeled avidin. 2010 , 398, 1615-23 | | 15 |

| | | |
|-----|---|-----|
| 309 | Fabrication of fluorescent silica nanoparticles hybridized with AIE luminogens and exploration of their applications as nanobiosensors in intracellular imaging. 2010 , 16, 4266-72 | 118 |
| 308 | Surface-modified upconverting microparticles and nanoparticles for use in click chemistries. 2010 , 16, 5416-24 | 58 |
| 307 | A doubly signal-amplified DNA detection method based on pre-complexed [Ru(bpy) ₃] ²⁺ -doped silica nanoparticles. 2010 , 16, 11572-5 | 18 |
| 306 | A Facile Method To Encapsulate Proteins in Silica Nanoparticles: Encapsulated Green Fluorescent Protein as a Robust Fluorescence Probe. 2010 , 122, 3086-3089 | 2 |
| 305 | A facile method to encapsulate proteins in silica nanoparticles: encapsulated green fluorescent protein as a robust fluorescence probe. 2010 , 49, 3022-5 | 55 |
| 304 | Functional silica nanoparticles synthesized by water-in-oil microemulsion processes. 2010 , 341, 201-8 | 88 |
| 303 | Investigation of luminescent dye-doped or rare-earth-doped monodisperse silica nanospheres for DNA microarray labelling. 2010 , 32, 1652-1658 | 21 |
| 302 | Multifunctional nanoparticles: analytical prospects. 2010 , 666, 1-22 | 215 |
| 301 | Upconverting luminescent nanoparticles for use in bioconjugation and bioimaging. 2010 , 14, 582-96 | 400 |
| 300 | Highly bright and photostable cyanine dye-doped silica nanoparticles for optical imaging: Photophysical characterization and cell tests. 2010 , 84, 121-127 | 79 |
| 299 | Intracellular imaging with a graphene-based fluorescent probe. 2010 , 6, 1686-92 | 243 |
| 298 | Apoptotic cell imaging using phosphatidylserine-specific receptor-conjugated Ru(bpy) ₃ (³⁺)-doped silica nanoparticles. 2010 , 6, 1499-503 | 14 |
| 297 | XPS Characterization of Iron Oxide and Gold Nanoparticles for Tumor Care. 2010 , 76, 165-170 | 1 |
| 296 | Silica-based nanoparticle uptake and cellular response by primary microglia. 2010 , 118, 589-95 | 96 |
| 295 | Silica-Based Nanoparticles: Design and Properties. 2010 , 229-251 | 9 |
| 294 | A study of mesoporous silica-encapsulated gold nanorods as enhanced light scattering probes for cancer cell imaging. 2010 , 21, 055704 | 83 |
| 293 | Optically Active Helical Hybrid Organic-Inorganic Core/Shell Nanoparticles: Preparation and Application for Enantioselective Crystallization. 2010 , 43, 9613-9619 | 51 |
| 292 | Fluorescent silica nanoparticles for cancer imaging. 2010 , 624, 151-62 | 23 |

| | | |
|-----|---|--------|
| 291 | Morphology and structure of organosilica hybrid particles derived from tetramethoxysilane and vinyltrimethoxysilane via a catalyst-free sol-gel route. 2010 , 20, 7337 | 9 |
| 290 | Cancer Nanotechnology. 2010 , | 23 |
| 289 | Hybrid nanomaterials for biomedical applications. 2010 , 46, 5832-49 | 237 |
| 288 | . 2011 , 10, 13-20 | 12 |
| 287 | Targeted luminescent near-infrared polymer-nanoprobes for in vivo imaging of tumor hypoxia. 2011 , 83, 9039-46 | 118 |
| 286 | Surface functionalization of silica nanoparticles with cysteine: a low-fouling zwitterionic surface. 2011 , 27, 10507-13 | 99 |
| 285 | Surface functionalization of silver nanoparticles: novel applications for insect vector control. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 3779-87 | 9.5 31 |
| 284 | Inorganic-organic hybrid nanomaterials for therapeutic and diagnostic imaging applications. 2011 , 12, 3888-927 | 78 |
| 283 | Optical oxygen sensing properties of Ru(II) complex and porous silica nanoparticles embedded in sol-gel matrix. 2011 , 50, E145 | 10 |
| 282 | Novel microwave-assisted solvothermal synthesis of NaYF ₄ :Yb,Er upconversion nanoparticles and their application in cancer cell imaging. 2011 , 27, 14632-7 | 94 |
| 281 | Synthesis of monodispersed ORMOSIL nanoparticles and conjugation with DNA for gene therapy. 2011 , | |
| 280 | Disordered Mesoporous Gadolinium Nanoparticles Prepared Using Gadolinium Based Ionic Liquid Emulsions: Potential as Magnetic Resonance Imaging Contrast Agents. 2011 , 64, 617 | 13 |
| 279 | Applications of diatoms and silica nanotechnology in biosensing, drug and gene delivery, and formation of complex metal nanostructures. 2011 , 30, 1538-1548 | 91 |
| 278 | Upconversion nanoparticles: synthesis, surface modification and biological applications. 2011 , 7, 710-29 | 359 |
| 277 | Nonlinear thermo-optical properties of two-layered spherical system of gold nanoparticle core and water vapor shell during initial stage of shell expansion. 2011 , 6, 448 | 7 |
| 276 | Synthesis and photophysical properties of colloids fabricated by the layer-by-layer polyelectrolyte assembly onto Eu(III) complex as a core. 2011 , 88, 490-6 | 23 |
| 275 | Silica nanodisks as platforms for fluorescence lifetime-based sensing of pH. 2011 , 123, 901-907 | 5 |
| 274 | Modeling of the processes of laser-nanoparticle interaction taking into account temperature dependences of parameters. 2011 , 21, 906-912 | 25 |

| | | |
|-----|---|---------|
| 273 | A new family of folate-decorated and carbon nanotube-mediated drug delivery system: synthesis and drug delivery response. 2011 , 63, 1332-9 | 139 |
| 272 | Characterisation of silica nanoparticles prior to in vitro studies: from primary particles to agglomerates. 2011 , 13, 1593-1604 | 79 |
| 271 | New silica and polystyrene nanoparticles labeled with longwave absorbing and fluorescent chameleon dyes. 2011 , 174, 429-434 | 9 |
| 270 | Nanotechnology: emerging tool for diagnostics and therapeutics. 2011 , 165, 1178-87 | 69 |
| 269 | Cell-SELEX-based aptamer-conjugated nanomaterials for enhanced targeting of cancer cells. 2011 , 54, 1218-1226 | 16 |
| 268 | Advances of multiplex and high throughput biomolecular detection technologies based on encoding microparticles. 2011 , 54, 1185 | 7 |
| 267 | Covalent immobilization of aggregation-induced emission luminogens in silica nanoparticles through click reaction. 2011 , 7, 1448-55 | 55 |
| 266 | Aptamer-assembled nanomaterials for biosensing and biomedical applications. 2011 , 7, 2428-36 | 62 |
| 265 | Bioconjugated fluorescent zeolite L nanocrystals as labels in protein microarrays. 2011 , 7, 3193-201 | 23 |
| 264 | Comparative study of the synthesis of silica nanoparticles in micromixer/microreactor and batch reactor systems. <i>Chemical Engineering Journal</i> , 2011 , 171, 674-683 | 14.7 62 |
| 263 | Signal enhancement in DNA microarray using dye doped silica nanoparticles: application to human papilloma virus (HPV) detection. 2011 , 26, 2761-5 | 22 |
| 262 | A novel immunoassay for residual bovine serum albumin (BSA) in vaccines using laser-induced fluorescence millimeter sensor array detection platform. 2011 , 26, 3958-61 | 14 |
| 261 | Silica nanoparticles with a substrate switchable luminescence. 2011 , 291, 012038 | 4 |
| 260 | Bio-inspired Silica Nanomaterials for Biomedical Applications. 2011 , 1-16 | 2 |
| 259 | Silica-Based Nanoparticles for Intracellular Drug Delivery. 2011 , 333-361 | 1 |
| 258 | Lanthanide-doped up-converting nanoparticles: Merits and challenges. 2012 , 7, 532-563 | 311 |
| 257 | FRET spectral unmixing: a ratiometric fluorescent nanoprobe for hypochlorite. 2012 , 48, 2949-51 | 132 |
| 256 | Intracellular sensing and cell diagnostics using fluorescent silica nanoparticles. 2012 , 8, 2579 | 35 |

| | | |
|-----|--|-----|
| 255 | Formation of SiO ₂ /polytetrafluoroethylene hybrid superhydrophobic coating. 2012 , 258, 9859-9863 | 28 |
| 254 | Fluorescent nanoparticles for intracellular sensing: a review. 2012 , 751, 1-23 | 238 |
| 253 | In situ synthesis of porous silica nanoparticles for covalent immobilization of enzymes. 2012 , 4, 414-6 | 38 |
| 252 | Encyclopedia of Nanotechnology. 2012 , 2126-2126 | |
| 251 | Nanomaterial Applications in Chemical Sensors. 2012 , 135-156 | 2 |
| 250 | Visible light-induced hole injection into rectifying molecular wires anchored on Co ₃ O ₄ and SiO ₂ nanoparticles. 2012 , 134, 17104-16 | 48 |
| 249 | Reversible electroswitchable luminescence in thin films of organic-inorganic hybrid assemblies. 2012 , 4, 7676-81 | 13 |
| 248 | Encyclopedia of Nanotechnology. 2012 , 2085-2099 | 1 |
| 247 | Encyclopedia of Nanotechnology. 2012 , 2180-2180 | |
| 246 | Encyclopedia of Nanotechnology. 2012 , 2167-2174 | 0 |
| 245 | Bioconjugated nanomaterials on devices for infectious disease diagnostics. 2012 , 4, 101-10 | |
| 244 | UV Light Effects on Proteins: From Photochemistry to Nanomedicine. 2012 , | 6 |
| 243 | Delivery of a transforming growth factor β 1 plasmid to mesenchymal stem cells via cationized Pleurotus eryngii polysaccharide nanoparticles. 2012 , 7, 1297-311 | 11 |
| 242 | Fluorescent silica nanoparticles improve optical imaging of stem cells allowing direct discrimination between live and early-stage apoptotic cells. 2012 , 8, 3192-200 | 33 |
| 241 | Bulk or surface grafted silylated Ru(II) complexes on silica as luminescent nanomaterials. 2012 , 36, 1355 | 10 |
| 240 | Multicolor core/shell silica nanoparticles for in vivo and ex vivo imaging. 2012 , 4, 824-30 | 49 |
| 239 | Silica-based nanoprobes for biomedical imaging and theranostic applications. 2012 , 41, 2673-85 | 317 |
| 238 | A new continuous fluorometric assay for acetylcholinesterase activity and inhibitor screening with emissive core-shell silica particles containing tetraphenylethylene fluorophore. 2012 , 137, 2119-23 | 30 |

| | | |
|-----|---|-----|
| 237 | Real-time monitoring of DNA hybridization and melting processes using a fiber optic sensor. 2012 , 23, 065503 | 34 |
| 236 | Tuning Interfacial Properties and Colloidal Behavior of Hybrid Nanoparticles by Controlling the Polymer Precursor. 2012 , 213, 2412-2419 | 9 |
| 235 | Magnetic Nanobeads as Support for Zinc(II)-Cyclen Complexes: Selective and Reversible Extraction of Riboflavin. 2012 , 1, 125-9 | 11 |
| 234 | Degradation of hollow mesoporous silica nanoparticles in human umbilical vein endothelial cells. 2012 , 100, 1397-403 | 51 |
| 233 | Metal-free highly luminescent silica nanoparticles. 2012 , 28, 8190-6 | 14 |
| 232 | Surface functionalization chemistries on highly sensitive silica-based sensor chips. 2012 , 137, 3520-7 | 37 |
| 231 | Fluorescent dye-doped silica nanoparticles: new tools for bioapplications. 2012 , 48, 2270-82 | 192 |
| 230 | The interfacial interactions of Tb-doped silica nanoparticles with surfactants and phospholipids revealed through the fluorescent response. 2012 , 92, 327-33 | 8 |
| 229 | Bright and stable Cy3-encapsulated fluorescent silica nanoparticles with a large Stokes shift. 2012 , 93, 1532-1537 | 27 |
| 228 | Patterned immobilisation of silicon dioxide nanoparticles on the surface of a photosensitive polymer. 2012 , 520, 1789-1793 | 1 |
| 227 | Health impact and toxicological effects of nanomaterials in the lung. 2012 , 17, 743-58 | 56 |
| 226 | Active targeting of HER2-positive breast cancer cells by Herceptin-functionalized organically modified silica nanoparticles. 2013 , 4, 27-37 | 16 |
| 225 | Silica nanoparticles grafted with phthalocyanines: photophysical properties and studies in artificial lysosomal fluid. 2013 , 37, 2800 | 17 |
| 224 | Highly efficient uptake of ultrafine mesoporous silica nanoparticles with excellent biocompatibility by Liriodendron hybrid suspension cells. 2013 , 56, 82-9 | 17 |
| 223 | Coupling of HPLC with electrospray ionization mass spectrometry for studying the aging of ultrasmall multifunctional gadolinium-based silica nanoparticles. 2013 , 85, 10440-7 | 24 |
| 222 | Polymorphism of CMONS Nanocrystals Grown in Silicate Particles through a Spray-Drying Process. 2013 , 13, 5241-5248 | 6 |
| 221 | Materials for FRET Analysis: Beyond Traditional DyeDye Combinations. 2013 , 165-268 | 4 |
| 220 | Nonviral cell labeling and differentiation agent for induced pluripotent stem cells based on mesoporous silica nanoparticles. 2013 , 7, 8423-40 | 69 |

| | | |
|-----|--|------|
| 219 | Synthesis of stable carboxy-terminated NaYF ₄ : Yb ³⁺ , Er ³⁺ @SiO ₂ nanoparticles with ultrathin shell for biolabeling applications. 2013 , 5, 1047-53 | 57 |
| 218 | Polyisoprenoyl gemcitabine conjugates self assemble as nanoparticles, useful for cancer therapy. 2013 , 334, 346-53 | 59 |
| 217 | Electrochemistry and current control in surface films based on silica-azure redox nanoparticles, carbon nanotubes, enzymes, and polyelectrolytes. 2013 , 85, 1208-14 | 24 |
| 216 | Fluorescent Nanosensors Based on Fluorescence Resonance Energy Transfer (FRET). 2013 , 52, 11228-11245 | 188 |
| 215 | Nanoparticles bearing a photoreactive shell: Interaction with polymers and polymer surfaces. 2013 , 49, 3114-3124 | 7 |
| 214 | Functionalizing nanoparticles with biological molecules: developing chemistries that facilitate nanotechnology. 2013 , 113, 1904-2074 | 1008 |
| 213 | Individual inorganic nanoparticles: preparation, functionalization and in vitro biomedical diagnostic applications. 2013 , 1, 1381-1396 | 91 |
| 212 | A top-down synthesis route to ultrasmall multifunctional Gd-based silica nanoparticles for theranostic applications. 2013 , 19, 6122-36 | 100 |
| 211 | Photocrosslinked nanocomposite hydrogels from PEG and silica nanospheres: structural, mechanical and cell adhesion characteristics. 2013 , 33, 1800-7 | 92 |
| 210 | Fluorescent spherical monodisperse silica core-shell nanoparticles with a protein-binding biofunctional shell. 2013 , 991, 293-306 | 1 |
| 209 | Nanoparticles and nanocomposites for fluorescence sensing and imaging. 2013 , 1, 022001 | 64 |
| 208 | High-relaxivity and luminescent silica nanoparticles as multimodal agents for molecular imaging. 2013 , 29, 3419-27 | 18 |
| 207 | Ratiometric sensing of mercury(II) based on a FRET process on silica core-shell nanoparticles acting as vehicles. 2013 , 180, 845-853 | 29 |
| 206 | Advances in nano-scaled biosensors for biomedical applications. 2013 , 138, 4427-35 | 42 |
| 205 | Interaction of inorganic nanoparticles with the skin barrier: current status and critical review. 2013 , 9, 39-54 | 119 |
| 204 | Nanomedicine as an innovative therapeutic strategy for pediatric lung diseases. 2013 , 48, 1098-111 | 9 |
| 203 | Preparation and Chemical Characterization of Eco-friendly ORMOSIL Nanoparticles of Potential Application in DNA Gene Therapy. 2013 , 9, 168-172 | 5 |
| 202 | Antibody-Conjugated Rubpy Dye-Doped Silica Nanoparticles as Signal Amplification for Microscopic Detection of <i>Vibrio cholerae</i> O1. 2013 , 2013, 1-7 | 5 |

| | | |
|-----|--|---------|
| 201 | Nanotoxicology of common metal oxide based nanomaterials: their ROS-y and non-ROS-y consequences. 2013 , 8, 205-217 | 33 |
| 200 | Fluorescent Silica Nanoparticles in the Detection and Control of the Growth of Pathogen. 2013 , 2013, 1-7 | 24 |
| 199 | Rubpy Dye-Doped Silica Nanoparticles as Signal Reporter in a Dot Fluorescence Immunoassay Strip. 2014 , 2014, 1-6 | 5 |
| 198 | AHAPS-functionalized silica nanoparticles do not modulate allergic contact dermatitis in mice. 2014 , 9, 524 | 11 |
| 197 | Effect of surface treated silicon dioxide nanoparticles on some mechanical properties of maxillofacial silicone elastomer. 2014 , 2014, 750398 | 33 |
| 196 | Silica-Based Nanoparticles for Biomedical Imaging and Drug Delivery Applications. 2014 , 403-437 | 3 |
| 195 | Recent development of silica nanoparticles as delivery vectors for cancer imaging and therapy. 2014 , 10, 297-312 | 116 |
| 194 | Anatase-silica composite aerogels: a nanoparticle-based approach. 2014 , 70, 300-306 | 32 |
| 193 | Dye-doped silica nanoparticles as luminescent organized systems for nanomedicine. 2014 , 43, 4243-68 | 215 |
| 192 | Overcoming the blood-brain barrier in chemotherapy treatment of pediatric brain tumors. 2014 , 31, 531-40 | 17 |
| 191 | Nanomedicine and drug delivery: a mini review. 2014 , 4, 1 | 146 |
| 190 | Porous silica and carbon derived materials from rice husk pyrolysis char. 2014 , 188, 46-76 | 155 |
| 189 | Sulphated silica tungstic acid as a highly efficient and recyclable solid acid catalyst for the synthesis of tetrahydropyrimidines and dihydropyrimidines. 2014 , 387, 45-56 | 34 |
| 188 | Chemistry, biology, and medicine of fluorescent nanomaterials and related systems: new insights into biosensing, bioimaging, genomics, diagnostics, and therapy. 2014 , 114, 6130-78 | 561 |
| 187 | Gene therapy and DNA delivery systems. <i>International Journal of Pharmaceutics</i> , 2014 , 459, 70-83 | 6.5 311 |
| 186 | Practical aspects of wavelength ratiometry in the studies of intermolecular interactions. 2014 , 1077, 51-67 | 40 |
| 185 | Folic acid functionalized surface highlights 5-methylcytosine-genomic content within circulating tumor cells. 2014 , 10, 4324-31 | 6 |
| 184 | Towards Si@SiO ₂ core-shell, yolk-shell, and SiO ₂ hollow structures from Si nanoparticles through a self-templated etching-deposition process. 2014 , 4, 29435-29438 | 7 |

| | | |
|-----|---|------|
| 183 | Small-angle neutron scattering study of differences in phase behavior of silica nanoparticles in the presence of lysozyme and bovine serum albumin proteins. 2014 , 89, 032304 | 31 |
| 182 | Polymer-encapsulated organic nanoparticles for fluorescence and photoacoustic imaging. 2014 , 43, 6570-97 | 762 |
| 181 | Renewable itaconic acid based cross-linked fluorescent polymeric nanoparticles for cell imaging. 2014 , 5, 5885-5889 | 35 |
| 180 | Cationic versus anionic surfactant in tuning the structure and interaction of nanoparticle, protein, and surfactant complexes. 2014 , 30, 9941-50 | 23 |
| 179 | Chemische Sensorik mit Nanoteilchen. 2014 , 62, 157-160 | |
| 178 | Gradual Growth of Gold Nanoseeds on Silica for Silica@Gold CoreShell Nano Applications by Two Different Methods: A Comparison on Structural Properties. 2014 , 25, 1307-1317 | 3 |
| 177 | Versatile synthesis of thiol- and amine-bifunctionalized silica nanoparticles based on the ouzo effect. 2014 , 30, 7676-86 | 23 |
| 176 | Multistage porous silicon for cancer therapy. 2014 , 374-402 | 1 |
| 175 | Silica Nanoparticle Platform. 2014 , 363-391 | 3 |
| 174 | Upconversion-Luminescent Core/Mesoporous-Silica-Shell-Structured ErNaYF ₄ :Yb ³⁺ ,Er ³⁺ @SiO ₂ @mSiO ₂ Composite Nanospheres: Fabrication and Drug-Storage/Release Properties. 2014 , 2014, 1906-1913 | 30 |
| 173 | Monodisperse magnetofluorescent nanoplatforms for local heating and temperature sensing. 2014 , 6, 13463-9 | 12 |
| 172 | Synthesis and drug detection performance of nitrogen-doped carbon dots. 2014 , 149, 159-162 | 73 |
| 171 | Skin barrier disruptions in tape stripped and allergic dermatitis models have no effect on dermal penetration and systemic distribution of AHAPS-functionalized silica nanoparticles. 2014 , 10, 1571-81 | 41 |
| 170 | Upconversion nanoparticles: design, nanochemistry, and applications in theranostics. 2014 , 114, 5161-214 | 1742 |
| 169 | Octahedral faceted Si nanoparticles as optical traps with enormous yield amplification. 2015 , 5, 8354 | 9 |
| 168 | CoreShell superparamagnetic nanoparticles with interesting properties as contrast agents for MRI. 2015 , 168, 42-49 | 11 |
| 167 | Anti-cMet antibody conjugated hollow gold nanospheres as a new nano-material for enhancing the effect of photothermal therapy. 2015 , 143, 226-229 | 2 |
| 166 | Short-term effects of ultrahigh concentration cationic silica nanoparticles on cell internalization, cytotoxicity, and cell integrity with human breast cancer cell line (MCF-7). 2015 , 17, 1 | 5 |

| | | | |
|-----|--|----|-----|
| 165 | Towards Si@SiO ₂ Core-shell, Yolk-shell, and SiO ₂ Hollow Structures from Si Nanoparticles through a Self-templated Etching-deposition Process. 2015 , 102, 1903-1907 | | 1 |
| 164 | Synthesis and functionalization of silica-based nanoparticles with fluorescent biocompounds extracted from <i>Eysenhardtia polystachya</i> for biological applications. 2015 , 57, 49-57 | | 16 |
| 163 | Energy Landscape of Water and Ethanol on Silica Surfaces. 2015 , 119, 15428-15433 | | 27 |
| 162 | Controlled size synthesis and application of nanosphere MCM-41 as potent adsorber of drugs: A novel approach to new antidote agent for intoxication. 2015 , 213, 30-39 | | 25 |
| 161 | Synthesis and characterization of nanostructured europium(III) complexes containing gold nanoparticles. 2015 , 166, 67-70 | | 12 |
| 160 | Overview about the localization of nanoparticles in tissue and cellular context by different imaging techniques. 2015 , 6, 263-80 | | 65 |
| 159 | Multivalent linkers for improved covalent binding of oligonucleotides to dye-doped silica nanoparticles. 2015 , 26, 365703 | | 5 |
| 158 | Mesoporous silica nanorods intrinsically doped with photosensitizers as a multifunctional drug carrier for combination therapy of cancer. <i>Nano Research</i> , 2015 , 8, 751-764 | 10 | 98 |
| 157 | Solid silica nanoparticles: applications in molecular imaging. 2015 , 10, 1-17 | | 31 |
| 156 | Silica-based nanoparticles: a versatile tool for the development of efficient imaging agents. 2015 , 44, 4645-71 | | 103 |
| 155 | Electrochemical immunosensor for prostate-specific antigens using a label-free second antibody based on silica nanoparticles and polymer brush. 2015 , 101, 75-83 | | 35 |
| 154 | Biodegradable, Biocompatible, and Bioconjugate Materials as Delivery Agents in Dermatology. 2016 , 73-87 | | 2 |
| 153 | The Development of a Highly Sensitive Fiber-Optic Oxygen Sensor. 2016 , 1, 9 | | 1 |
| 152 | Dye-Doped Fluorescent Silica Nanoparticles for Live Cell and In Vivo Bioimaging. 2016 , 6, | | 45 |
| 151 | Lanthanide Ions Doped Upconversion Nanomaterials: Synthesis, Surface Engineering, and Application in Drug Delivery. 2016 , 227-260 | | 1 |
| 150 | Silica@zirconia@poly(malic acid) nanoparticles: promising nanocarriers for theranostic applications. 2016 , 4, 4420-4429 | | 7 |
| 149 | Smart Stimuli-Responsive Nano-sized Hosts for Drug Delivery. 2016 , 1-26 | | 10 |
| 148 | Loading of silicon nanoparticle labels with redox mediators for detection of multiple DNA targets within a single voltammetric sweep. 2016 , 779, 61-66 | | 8 |

| | | |
|-----|--|-----|
| 147 | Detection of Salmonella typhi utilizing bioconjugated fluorescent polymeric nanoparticles. 2016 , 18, 1 | 6 |
| 146 | Depolarization of Light Scattered in Water Dispersions of Nanoparticles of Different Shapes. 2016 , 49, 394-397 | 9 |
| 145 | Nonlinear machine learning and design of reconfigurable digital colloids. 2016 , 12, 7119-35 | 18 |
| 144 | AlEgens-Functionalized Inorganic-Organic Hybrid Materials: Fabrications and Applications. 2016 , 12, 6478-6494 | 71 |
| 143 | Staphylococcus aureus Detection by Fluorescent Silica Nanoparticles Modified with Metal Dipicolylamine Complexes. 2016 , 45, 749-751 | 9 |
| 142 | Cantilever-Based Sensors. 2016 , 119-148 | |
| 141 | Synthesis and Characterization of Chlorpyrifos/Copper(II) Schiff Base Mesoporous Silica with pH Sensitivity for Pesticide Sustained Release. 2016 , 64, 8095-8102 | 58 |
| 140 | Controlled synthesis of a dual-emission hierarchical quantum dot hybrid nanostructure as a robust ratiometric fluorescent sensor. 2016 , 6, 15716-15723 | 4 |
| 139 | Robust glucose oxidase with a FeO@C-silica nanohybrid structure. 2016 , 4, 4726-4731 | 27 |
| 138 | Fabrication of photoactive heterostructures based on quantum dots decorated with Au nanoparticles. 2016 , 17, 98-108 | 20 |
| 137 | Silica nanoparticle based techniques for extraction, detection, and degradation of pesticides. 2016 , 237, 1-14 | 66 |
| 136 | Silica Bonded N-(Propylcarbamoyl)sulfamic acid (SBPCSA) Mediated Expedient Approach to C≡C Bond Formation: An Innovative Pathway for Acrylonitrile Derivatives. 2016 , 146, 1687-1705 | 9 |
| 135 | Micro-extraction of Xenobiotics and Biomolecules from Different Matrices on Nanostructures. 2016 , 45, 28-49 | 6 |
| 134 | ORMOPLEXEs for gene therapy: In vitro and in vivo assays. 2016 , 63, 546-53 | 5 |
| 133 | An overview of chitin or chitosan/nano ceramic composite scaffolds for bone tissue engineering. 2016 , 93, 1338-1353 | 177 |
| 132 | Breakable mesoporous silica nanoparticles for targeted drug delivery. 2016 , 8, 7240-7 | 156 |
| 131 | Preparation and characterization of dual-responsive spiropyran-based random copolymer brushes via surface-initiated atom transfer radical polymerization. 2016 , 19, 193-204 | 12 |
| 130 | Nanoparticle-based immunosensors and immunoassays for aflatoxins. 2016 , 912, 10-23 | 100 |

| | | |
|-----|---|-----|
| 129 | Zwitterionic ceramics for biomedical applications. 2016 , 40, 201-211 | 42 |
| 128 | Unambiguous and Controlled One-Pot Synthesis of Multifunctional Silica Nanoparticles. 2016 , 28, 885-889 | 25 |
| 127 | Efficient synthesis of polyoxazoline-silica hybrid nanoparticles by using the "grafting-onto" approach. 2016 , 7, 1271-1280 | 21 |
| 126 | Quercetin conjugated silica particles as novel biofunctional hybrid materials for biological applications. 2016 , 466, 44-55 | 15 |
| 125 | Electrochemical genosensing of Salmonella, Listeria and Escherichia coli on silica magnetic particles. 2016 , 904, 1-9 | 27 |
| 124 | Fluorescent nanoparticles based on AIE fluorogens for bioimaging. 2016 , 8, 2471-87 | 199 |
| 123 | Promising gene delivery system based on polyethylenimine-modified silica nanoparticles. 2017 , 24, 156-164 | 31 |
| 122 | Evaluation of a chloroaluminium phthalocyanine-loaded magnetic nanoemulsion as a drug delivery device to treat glioblastoma using hyperthermia and photodynamic therapy. 2017 , 7, 9115-9122 | 28 |
| 121 | Nanoparticle Bioconjugates: Materials that Benefit from Chemoselective and Bioorthogonal Ligation Chemistries. 2017 , 543-629 | 2 |
| 120 | Determination of the Composition of Liquid Polydispersions of Cylinder-like Microorganisms from the Laser Depolarization Degree. 2017 , 50, 385-389 | 5 |
| 119 | Photoluminescent carbon quantum dot grafted silica nanoparticles directly synthesized from rice husk biomass. 2017 , 5, 4679-4689 | 49 |
| 118 | Multicomponent nanocrystals with anti-Stokes luminescence as contrast agents for modern imaging techniques. 2017 , 245, 1-19 | 40 |
| 117 | Nanomaterials for cancer therapies. 2017 , 6, 473-496 | 37 |
| 116 | Pectin-conjugated silica microcapsules as dual-responsive carriers for increasing the stability and antimicrobial efficacy of kasugamycin. 2017 , 172, 322-331 | 50 |
| 115 | Amine-Functionalized Silica Nanoparticles Incorporating Covalently Linked Visible-Light-Excitable Eu ³⁺ Complexes: Synthesis, Characterization, and Cell-Uptake Studies. 2017 , 2017, 3205-3213 | 7 |
| 114 | A convenient, bio-inspired approach to the synthesis of multi-functional, stable fluorescent silica nanoparticles using poly(ethylene-imine). 2017 , 9, 6509-6520 | 5 |
| 113 | Fluorescent proteins as efficient tools for evaluating the surface PEGylation of silica nanoparticles. 2017 , 5, 024003 | 1 |
| 112 | New Perspectives on Mineral Nucleation and Growth. 2017 , | 29 |

| | | |
|-----|---|-------|
| 111 | Silica Nanoparticles for Intracellular Protein Delivery: a Novel Synthesis Approach Using Green Fluorescent Protein. 2017 , 12, 545 | 5 |
| 110 | Photon upconversion towards applications in energy conversion and bioimaging. 2017 , 92, 281-316 | 25 |
| 109 | Fluorescent nanobiosensors for the targeted detection of foodborne bacteria. 2017 , 97, 120-135 | 56 |
| 108 | Silicon-Based Nanoparticles for Drug Delivery. 2017 , 379-402 | |
| 107 | Carbon-Based Nanobiomaterials. 2017 , 85-104 | 1 |
| 106 | Fast detection of <i>Listeria monocytogenes</i> through a nanohybrid quantum dot complex. 2017 , 409, 5359-5371 | 9 |
| 105 | Anti-c-Met antibody bioconjugated with hollow gold nanospheres as a novel nanomaterial for targeted radiation ablation of human cervical cancer cell. 2017 , 14, 2254-2260 | 15 |
| 104 | Colorimetric determination of Cu ²⁺ ions with a desktop scanner using silica nanoparticles via formation of a quinonediimine dye. 2017 , 252, 537-543 | 13 |
| 103 | Surface Engineered Ho Incorporated Fluorescent Dye-Doped Bifunctional Silica Nanoparticles for Receptor Targeted Fluorescence Imaging and Potential Magnetic Resonance Imaging. 2017 , 27, 1897-1908 | 3 |
| 102 | Electrocatalytic and new electrochemical properties of chlorpromazine in to silicaNPs/chlorpromazine/Nafion nanocomposite: Application to nitrite detection at low potential. <i>Microchemical Journal</i> , 2017 , 131, 43-50 | 4.8 7 |
| 101 | Biosynthesis of nanoparticles of metals and metalloids by basidiomycetes. Preparation of gold nanoparticles by using purified fungal phenol oxidases. 2017 , 101, 1047-1062 | 28 |
| 100 | Synthesis and stability of IR-820 and FITC doped silica nanoparticles. 2017 , 490, 294-302 | 5 |
| 99 | Biological reference materials for extracellular vesicle studies. 2017 , 98, 4-16 | 48 |
| 98 | Analytical Nanoscience and Nanotechnology. 2017 , 1-28 | |
| 97 | 2.1 Bio-Inspired Silica Nanomaterials for Biomedical Applications. 2017 , 1-17 | |
| 96 | Biopebbles: DNA-Functionalized CoreShell Silica Nanospheres for Cellular Uptake and Cell Guidance Studies. 2018 , 28, 1707572 | 29 |
| 95 | Conformational properties of intrinsically disordered proteins bound to the surface of silica nanoparticles. 2018 , 1862, 1556-1564 | 24 |
| 94 | Organic nanoparticles with ultrahigh quantum yield and aggregation-induced emission characteristics for cellular imaging and real-time two-photon lung vasculature imaging. 2018 , 6, 2630-2636 | 16 |

| | | | |
|----|--|----|----|
| 93 | Novel Schiff base (DBDDP) selective detection of Fe (III): Dispersed in aqueous solution and encapsulated in silica cross-linked micellar nanoparticles in living cell. 2018 , 514, 357-363 | | 6 |
| 92 | Synthesis of highly stable cyanine-dye-doped silica nanoparticle for biological applications. 2018 , 6, 034002 | | 6 |
| 91 | The potential of aptamers for cancer research. 2018 , 549, 91-95 | | 25 |
| 90 | Anticancer drug delivery systems based on inorganic nanocarriers with fluorescent tracers. 2018 , 64, 835-859 | | 18 |
| 89 | Silica nanoparticle with a single His-tag for addressable functionalization, reversible assembly, and recycling. <i>Nano Research</i> , 2018 , 11, 2512-2522 | 10 | 1 |
| 88 | Introduction Fluorescence in Organic Nanoparticles. 2018 , 1-8 | | 1 |
| 87 | Preparation of novel optically active polyamide@silica hybrid core-shell nanoparticles and application for enantioselective crystallization. 2018 , 131, 326-332 | | 3 |
| 86 | Silica Nanoparticle Applications in the Biomedical Field. 2018 , 115-129 | | 6 |
| 85 | Microwave-assisted expeditious approach towards benzimidazole acrylonitrile derivatives exploring a new silica supported SBPTS catalyst. 2018 , 42, 14602-14611 | | 6 |
| 84 | Recent Trends in Biomedical and Pharmaceutical Industry Due to Engineered Nanomaterials. 2018 , 499-519 | | 1 |
| 83 | Formation of organosilica nanoparticles with dual functional groups and simultaneous payload entrapment. 2018 , 35, 381-391 | | 2 |
| 82 | Controlling the Size of Thiolated Organosilica Nanoparticles. 2018 , 34, 8347-8354 | | 12 |
| 81 | Nanomaterials for Healthcare, Energy and Environment. 2019 , | | 1 |
| 80 | Nanotechnology and nanomaterials. 2019 , 1-93 | | 2 |
| 79 | Janus particles: recent advances in the biomedical applications. 2019 , 14, 6749-6777 | | 27 |
| 78 | One-step synthesis of methyl eugenol/Schiff base mesoporous silica nanoparticles sustained-release performance with high lure efficiency. 2019 , 92, 723-735 | | 3 |
| 77 | Multicolor emitting N/S-doped carbon dots as a fluorescent probe for imaging pathogenic bacteria and human buccal epithelial cells. 2019 , 186, 157 | | 22 |
| 76 | The miniaturised process for lead removal from water samples using novel bioconjugated sorbents. 2019 , 99, 1397-1414 | | 3 |

| | | |
|----|--|-------|
| 75 | Effect of Substituents on the Photophysical Properties and Bioimaging Application of BODIPY Derivatives with Triphenylamine Substituents. 2019 , 123, 5601-5607 | 16 |
| 74 | Rational vaccinology with spherical nucleic acids. 2019 , 116, 10473-10481 | 52 |
| 73 | Luminescent and magnetic properties of multifunctional europium(III) complex based nanocomposite. 2019 , 37, 1237-1241 | 6 |
| 72 | Biological Responses to Nanoscale Particles. 2019 , | 3 |
| 71 | Synthesis of Metallic and Metal Oxide Particles. 2019 , 3-27 | 2 |
| 70 | Interactions of Nanoparticles with Skin. 2019 , 329-339 | 5 |
| 69 | Clinical Translation of Nanomaterials. 2019 , 75-111 | |
| 68 | Immobilization of Protein A on Monodisperse Magnetic Nanoparticles for Biomedical Applications. 2019 , 2019, 1-9 | 13 |
| 67 | Molecular mechanisms of mesoporous silica formation from colloid solution: Ripening-reactions arrest hollow network structures. 2019 , 14, e0212731 | 4 |
| 66 | Biopebble Containers: DNA-Directed Surface Assembly of Mesoporous Silica Nanoparticles for Cell Studies. 2019 , 15, e1900083 | 13 |
| 65 | Green synthesis and characterization of amorphous silica nanoparticles from fly ash. 2019 , 18, 4351-4359 | 15 |
| 64 | Study on electrochromic-fluorescence switching performance of film based on silicomolybdotungstate and silica nanoparticles doped with negative charged dye. 2019 , 855, 113623 | 1 |
| 63 | Oriented immobilization of a delicate glucose-sensing protein on silica nanoparticles. 2019 , 190-191, 76-85 | 11 |
| 62 | Advanced Near-Infrared Light-Responsive Nanomaterials as Therapeutic Platforms for Cancer Therapy. 2019 , 2, 1800090 | 20 |
| 61 | Sustainable synthesis of luminescent CdTe quantum dots coated with modified silica mesoporous nanoparticles: Towards new protein scavengers and smart drug delivery carriers. 2019 , 161, 360-369 | 28 |
| 60 | Multifaceted Application of Silica Nanoparticles. A Review. 2020 , 12, 1337-1354 | 140 |
| 59 | Advanced Intelligent Systems for Sustainable Development (AI2SD2019). <i>Lecture Notes in Electrical Engineering</i> , 2020 , | 0.2 0 |
| 58 | Advances in Methods for Recovery of Ferrous, Alumina, and Silica Nanoparticles from Fly Ash Waste. 2020 , 3, 384-420 | 15 |

| | | |
|----|--|----|
| 57 | Silica-Based Gene Delivery Systems: From Design to Therapeutic Applications. 2020 , 12, | 14 |
| 56 | Degree of -Methylation of Nucleosides and Metabolites Controls Binding Affinity to Pristine Silica Surfaces. 2020 , 11, 10401-10407 | 2 |
| 55 | Magnetic hyperthermia efficiency of Mn doped Fe oxides particles loaded into PLGA. 2020 , 63, S123-S129 | |
| 54 | Fabrication of Double Emission Enhancement Fluorescent Nanoparticles with Combined PET and AIEE Effects. 2020 , 25, | |
| 53 | Versatile and High-Throughput Strategy for the Quantification of Proteins Bound to Nanoparticles. 2020 , 3, 10497-10507 | 3 |
| 52 | Nanomaterials and nanocomposite applications in veterinary medicine. 2020 , 583-638 | 2 |
| 51 | Detection methods of wastewater contaminants. 2020 , 47-68 | 2 |
| 50 | Preparation and characterisations of magnetic nanofluid of zinc ferrite for hyperthermia. 2020 , 9, 8-13 | 22 |
| 49 | Dye-doped silica nanoparticles: synthesis, surface chemistry and bioapplications. 2020 , 11, | 47 |
| 48 | Capture and detection of rare cancer cells in blood by intrinsic fluorescence of a novel functionalized diatom. 2020 , 30, 101753 | 16 |
| 47 | Nanoparticles loading porphyrin sensitizers in improvement of photodynamic therapy for ovarian cancer. 2021 , 33, 102156 | 4 |
| 46 | Silica Nanoparticles. 2021 , 1309, 41-65 | 1 |
| 45 | Development of Non-Porous Silica Nanoparticles towards Cancer Photo-Theranostics. 2021 , 9, | 13 |
| 44 | Molecular Interactions of Silica Nanoparticles and Biomolecule-Functionalized Silica Nanoparticles with Bixa orellana L. Plant DNA. 1 | 2 |
| 43 | Nanomaterials for bioimaging studies. 2021 , 19-34 | |
| 42 | Synthesis of High-purity Solid SiO ₂ Nanodumbbells Via Induced Aggregation for Levitated Optomechanics. 1 | 1 |
| 41 | Biomedical applications of polysaccharide-based nanocomposites from fungal origin. 2021 , 233-272 | 1 |
| 40 | Role of Nanostructured Materials in Health and Medicine. 2021 , 310-329 | 1 |

| | | | |
|----|--|-----|----|
| 39 | Review of the Mechanism of Nanocarriers and Technological Developments in the Field of Nanoparticles for Applications in Cancer Theragnostics.. 2021 , 4, 2307-2334 | | 11 |
| 38 | Versatile Mesoporous Nanoparticles for Cell Applications. 2021 , 21, 2824-2833 | | 1 |
| 37 | On Concept of Hybrid in Colloid Sciences. 2021 , 5, 33 | | 1 |
| 36 | A New Application of Hollow Nanosilica Added to Modified Polypropylene to Prepare Nanocomposite Films. 2150117 | | 4 |
| 35 | Assessment of recombinant glutathione-S-transferase (HaGST-8) silica nanoconjugates for effective removal of pesticides. 2021 , 204, 112052 | | 2 |
| 34 | Lightweight porous silica foams with extreme-low dielectric permittivity and loss for future 6G wireless communication technologies. <i>Nano Research</i> , 2021 , 14, 1450-1456 | 10 | 5 |
| 33 | The Role of Nanomedicine in the Treatment of Neurodegenerative Disorders. 2019 , 49-63 | | 1 |
| 32 | Silica and Alumina Nanophases: Natural Processes and Industrial Applications. 2017 , 293-316 | | 10 |
| 31 | Nanoparticles for Drug Delivery. 2019 , 175-197 | | 1 |
| 30 | Antioxidant flavone analog functionalized fluorescent silica nanoparticles: Synthesis and exploration of their possible use as biomolecule sensor. 2017 , 157, 286-296 | | 11 |
| 29 | Dye-Doped Fluorescent Nanoparticles in Molecular Imaging: A Review of Recent Advances and Future Opportunities. 2014 , 11, 102-113 | | 8 |
| 28 | Nanomedicine and Early Cancer Diagnosis: Molecular Imaging using Fluorescence Nanoparticles. 2020 , 20, 2737-2761 | | 5 |
| 27 | Aptamer-Based Extraction of Ergot Alkaloids from Ergot Contaminated Rye Feed. 2014 , 05, 692-698 | | 10 |
| 26 | Investigation of chemical modification on tosyl-activated polystyrene microsphere magnetic particle surface by infrared microscopy. <i>Analytical Science and Technology</i> , 2016 , 29, 225-233 | | 2 |
| 25 | Green synthesis of nanoparticles with extracellular and intracellular extracts of basidiomycetes. <i>PeerJ</i> , 2018 , 6, e5237 | 3.1 | 30 |
| 24 | Using Cell-Specific Aptamer-Nanomaterial Conjugates for Cancer Cell Detection. 2015 , 215-237 | | |
| 23 | Encyclopedia of Nanotechnology. 2015 , 1-8 | | |
| 22 | Encyclopedia of Nanotechnology. 2016 , 3341-3349 | | |

| | | | |
|----|--|------|---|
| 21 | Electronic setup for fluorescence emission measurements and long-time constant-temperature maintenance of Single-Walled Carbon Nano-Tubes in water solutions. <i>Acta Scientifica Naturalis</i> , 2017 , 4, 61-69 | 0.3 | 2 |
| 20 | Enhancement of Biogas Production from Plant Biomass Using Iron Nanoparticles. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 110-126 | 0.2 | 1 |
| 19 | Fluorescent Organic Dyes and Conjugated Polymers in Nanoscale Ensembles. 2020 , 307-355 | | |
| 18 | Metal-bridged DNA-functionalized silica nanoparticles for multifacet biological applications. <i>Microchemical Journal</i> , 2022 , 173, 107017 | 4.8 | |
| 17 | Therapeutic nanoparticles in the brain: A review of types, physicochemical properties and challenges.. <i>International Journal of Pharmaceutics</i> , 2021 , 612, 121367 | 6.5 | 2 |
| 16 | Recent advances in understanding the effects of nanomaterials on gut microbiota. <i>Chemical Engineering Journal</i> , 2022 , 435, 134976 | 14.7 | 1 |
| 15 | (Bio)Analytical Nanoscience & Nanotechnology. 1-31 | | |
| 14 | Nanotechnology Applications in Biomedical Systems. <i>Current Nanomaterials</i> , 2022 , 07, | 1.3 | 0 |
| 13 | Partitional Behavior of Janus Dumbbell Microparticles in a Polyethylene Glycol (PEG)-Dextran (DEX) Aqueous Two-Phase System (ATPS). <i>Coatings</i> , 2022 , 12, 415 | 2.9 | |
| 12 | Investigation of transport properties, flux pinning mechanisms and fluctuations induced conductivity of SiO ₂ nanoparticles doped YBa ₂ Cu ₃ O _{7-d} thick films on silver substrates. <i>Ceramics International</i> , 2022 , 48, 10721-10732 | 5.1 | 0 |
| 11 | Smart Material Surface Science and application (SMASSA): A most awaited journey in smart technology. <i>Applied Surface Science Advances</i> , 2022 , 9, 100242 | 2.6 | 0 |
| 10 | Improving the functionality of a nanomaterial by biological probes. 2022 , 379-418 | | 0 |
| 9 | Preparation of Non-Toxic Fluorescent Peptide-Coated Silica/PEG Nanoparticles from Peptide-Block Copolymer Conjugates. <i>Micro</i> , 2022 , 2, 240-256 | | 0 |
| 8 | Optoelectronic Neural Interfaces Based on Quantum Dots.. <i>ACS Applied Materials & Interfaces</i> , 2022 , | 9.5 | 2 |
| 7 | Biological synthesis of metal nanoparticles by microorganisms. 2022 , 269-288 | | |
| 6 | Synthesis of thiolated chlorogenic acid-capped silver nanoparticles for the effective dual action towards antimicrobial and anticancer therapy. <i>Colloid and Polymer Science</i> , | 2.4 | 0 |
| 5 | Nanoparticle-based drug delivery systems for the treatment of cardiovascular diseases. 13, | | 0 |
| 4 | Immunoaffinity silica nanoparticles as efficient nanoprobos for selectively capturing transferrin molecules. 2023 , 296, 127239 | | 0 |

- 3 Metallic nanoparticles for theranostic application. **2023**, 351-387 0
- 2 New approaches for enhancing the photosensitivity, antibacterial activity, and controlled release behavior of non-porous silica-titania nanoplatforms. **2023**, 148, 213365 0
- 1 Nanomaterials for Point-of-Care Biosensors. **2022**, 55-77 1