

CITATION REPORT

List of articles citing

Conjugation of biomolecules with luminophore-doped silica nanoparticles for photostable biomarkers

DOI: 10.1021/ac010406+
Analytical Chemistry, 2001, 73, 4988-93.

Source: <https://exaly.com/paper-pdf/32313735/citation-report.pdf>

Version: 2024-04-25

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
703	A Single DNA Molecule Nanomotor. 2002 , 2, 315-318		233
702	Interaction of Anionic Superparamagnetic Nanoparticles with Cells: Kinetic Analyses of Membrane Adsorption and Subsequent Internalization. 2002 , 18, 8148-8155		230
701	Immobilization of oligonucleotides onto silica nanoparticles for DNA hybridization studies. 2002 , 470, 51-56		143
700	Catalytic and Biological Activity of Organic Complexes of Precious Metals (A Review). 2003 , 37, 573-577		1
699	Room-temperature preparation and characterization of poly (ethylene glycol)-coated silica nanoparticles for biomedical applications. 2003 , 66, 870-9		152
698	Improved separation of double-stranded DNA fragments by capillary electrophoresis using poly(ethylene oxide) solution containing colloids. 2003 , 24, 2896-902		51
697	Nanoparticles for bioanalysis. 2003 , 7, 609-15		455
696	Tris(2,2'-bipyridyl)cobalt(III)-doped silica nanoparticle DNA probe for the electrochemical detection of DNA hybridization. 2003 , 481, 181-189		62
695	Ultrasensitive DNA detection using highly fluorescent bioconjugated nanoparticles. 2003 , 125, 11474-5		487
694	Bioconjugated Luminescent Nanoparticles for Biological Applications. 2003 , 24, 453-464		50
693	. 2004 ,		250
692	Simultaneous assay of glucose, lactate, L-glutamate and hypoxanthine levels in a rat striatum using enzyme electrodes based on neutral red-doped silica nanoparticles. 2004 , 380, 637-42		51
691	Recent developments in the determination of urinary cancer biomarkers by capillary electrophoresis. 2004 , 25, 1473-84		52
690	Bionanotechnology based on silica nanoparticles. 2004 , 24, 621-38		386
689	Amperometric sensor based on ferrocene-doped silica nanoparticles as an electron transfer mediator for the determination of glucose in rat brain coupled to in vivo microdialysis. 2004 , 571, 133-138		56
688	Ultrasensitive detection of biomolecules with fluorescent dye-doped nanoparticles. 2004 , 334, 135-44		235
687	Novel immunoassay for <i>Toxoplasma gondii</i> -specific immunoglobulin G using a silica nanoparticle-based biomolecular immobilization method. 2004 , 501, 37-43		29

686	Novel fluorescent silica nanoparticle probe for ultrasensitive immunoassays. 2004 , 503, 163-169		89
685	Visualization of molecular activities inside living cells with fluorescent labels. 2004 , 237, 205-77		62
684	Water-soluble silica-overcoated CdS:Mn/ZnS semiconductor quantum dots. 2004 , 121, 7421-6		62
683	A rapid bioassay for single bacterial cell quantitation using bioconjugated nanoparticles. 2004 , 101, 15027-32		478
682	Novel fluorescent europium chelate-doped silica nanoparticles: preparation, characterization and time-resolved fluorometric application. 2004 , 14, 851		86
681	Improving the signal sensitivity and photostability of DNA hybridizations on microarrays by using dye-doped core-shell silica nanoparticles. <i>Analytical Chemistry</i> , 2004 , 76, 5302-12	7.8	158
680	Highly specific HER2-mediated cellular uptake of antibody-modified nanoparticles in tumour cells. 2004 , 12, 461-71		167
679	Adenosine-dependent assembly of aptazyme-functionalized gold nanoparticles and its application as a colorimetric biosensor. <i>Analytical Chemistry</i> , 2004 , 76, 1627-32	7.8	314
678	Optimization of dye-doped silica nanoparticles prepared using a reverse microemulsion method. 2004 , 20, 8336-42		438
677	Preparation, characterization, and time-resolved fluorometric application of silica-coated terbium(III) fluorescent nanoparticles. <i>Analytical Chemistry</i> , 2004 , 76, 513-8	7.8	187
676	Preparation and Time-Resolved Fluorometric Application of Luminescent Europium Nanoparticles. 2004 , 16, 2494-2498		90
675	Development of functionalized fluorescent europium nanoparticles for biolabeling and time-resolved fluorometric applications. 2004 , 14, 2896		90
674	Fluorescence quenching of bovine serum albumin. 2004 , 20, 441-4		28
673	Preparation and a time-resolved fluoroimmunoassay application of new europium fluorescent nanoparticles. 2004 , 20, 245-6		40
672	Molecular Beacon DNA Probes Based on Fluorescence Biosensing. 2005 , 67-92		
671	Microsphere optical ion sensors based on doped silica gel templates. 2005 , 537, 135-143		17
670	A novel fluorescence probe for cilnidipine assay. 2005 , 547, 215-220		8
669	A high performance glucose biosensor enhanced via nanosized SiO ₂ . 2005 , 554, 92-97		36

668	Cancer nanotechnology: opportunities and challenges. 2005 , 5, 161-71		3575
667	Functionalized Fluorescein-doped SiO ₂ Nanoparticles for Immunochromatographic Assay. 2005 , 23, 875-880	9	
666	Multifunctional nanoparticles possessing a "magnetic motor effect" for drug or gene delivery. 2005 , 44, 1068-1071		356
665	Multifunctional Nanoparticles Possessing A Magnetic Motor Effect For Drug or Gene Delivery. 2005 , 117, 1092-1095		70
664	An Ultraviolet Organic Thin-Film Solid-State Laser for Biomarker Applications. 2005 , 17, 31-34		76
663	Synthesis and Characterization of Fluorescent, Radio-Opaque, and Paramagnetic Silica Nanoparticles for Multimodal Bioimaging Applications. 2005 , 17, 2165-2169		193
662	Preparation of Fluorescent SiO ₂ Particles with Single CdTe Nanocrystal Cores by the Reverse Microemulsion Method. 2005 , 17, 2354-2357		244
661	A Novel Nano-Sensor Based on Rhodamine- β -Isothiocyanate Doped Silica Nanoparticle for pH Measurement. 2005 , 152, 131-135		41
660	Preparation, characterization and application of fluorescent terbium complex-doped zirconia nanoparticles. 2005 , 15, 499-505		35
659	Fluorescent nanoparticle probes for cancer imaging. 2005 , 4, 593-602		120
658	Detection of biomolecules using nanoparticle surface enhanced Raman scattering tags. 2005 , 5705, 114	9	
657	Controlled Growth of Silica Shell on Ba _{0.6} Sr _{0.4} TiO ₃ Nanoparticles Used As Precursors of Ferroelectric Composites. 2005 , 17, 4530-4536		52
656	Functional Dye-Doped Silica Nanoparticles for Bioimaging, Diagnostics and Therapeutics. 2005 , 83, 136-140		45
655	Stober synthesis of monodispersed luminescent silica nanoparticles for bioanalytical assays. 2005 , 21, 4277-80		246
654	Microarray immunoassay for phenoxybenzoic acid using polymer encapsulated Eu:Gd ₂ O ₃ nanoparticles as fluorescent labels. <i>Analytical Chemistry</i> , 2005 , 77, 6864-73	7.8	188
653	Photoactive Nanomaterials for Sensing Trace Analytes in Biological Samples. 2005 , 35, 661-668		10
652	Covalent decoration of multi-walled carbon nanotubes with silica nanoparticles. 2005 , 758-60		97
651	Dual-luminophore-doped silica nanoparticles for multiplexed signaling. 2005 , 5, 37-43		297

650	Bright and stable core-shell fluorescent silica nanoparticles. 2005 , 5, 113-7		799
649	Bioconjugated Silica Nanoparticles for Bioanalytical Applications. 2005 , 444-457		2
648	A Review: Electrochemical DNA Biosensors for Sequence Recognition. 2005 , 38, 2597-2623		51
647	Single molecule nanoparticles of the conjugated polymer MEH-PPV, preparation and characterization by near-field scanning optical microscopy. 2005 , 109, 8543-6		217
646	Nanoparticles for multiplex diagnostics and imaging. 2006 , 1, 413-26		80
645	Dispersion of SiO ₂ -based nanocomposites with high performance liquid chromatography. 2006 , 110, 4679-85		13
644	Preparation and encapsulation of highly fluorescent conjugated polymer nanoparticles. 2006 , 22, 2956-60		310
643	Dye-labeled silver nanoshell-bright particle. 2006 , 110, 8986-91		61
642	Multifunctional Nano-Architecture for Biomedical Applications. 2006 , 18, 1920-1927		152
641	Synthesis and properties of nanospheres copolymerised with luminescent europium(III) chelates. 2006 , 4, 1383		11
640	Surface modification of silica nanoparticles to reduce aggregation and nonspecific binding. 2006 , 22, 4357-62		667
639	Nanoparticle probes with surface enhanced Raman spectroscopic tags for cellular cancer targeting. <i>Analytical Chemistry</i> , 2006 , 78, 6967-73	7.8	243
638	Aptamer-conjugated nanoparticles for selective collection and detection of cancer cells. <i>Analytical Chemistry</i> , 2006 , 78, 2918-24	7.8	390
637	Design of a highly sensitive and specific nucleotide sensor based on photon upconverting particles. 2006 , 128, 12410-1		223
636	Construction of Three Single-Chain Antibody Fragment Variable Fusion Structures for Sensitive Detection of Nucleocapsid Protein of Hantaan Virus. 2006 , 39, 2153-2167		2
635	Synthesis and Characterization of Luminescent Conjugated Polymer/Silica Composite Spheres. 2006 , 18, 1213-1218		29
634	Electrogenerated chemiluminescence sensors using Ru(bpy) ₃ (2+) doped in silica nanoparticles. <i>Analytical Chemistry</i> , 2006 , 78, 5119-23	7.8	189
633	Multicolor FRET silica nanoparticles by single wavelength excitation. 2006 , 6, 84-8		402

632	Fluorescent intensity-based differential counting of FITC-doped silica nanoparticles: applications of CD4+ T-cell detection in microchip-type flowcytometers. 2006,	2
631	Specific targeting, cell sorting, and bioimaging with smart magnetic silica core-shell nanomaterials. 2006, 2, 209-15	278
630	Phantom nanoparticles as probes of biomolecular interactions. 2006, 2, 1060-7	18
629	Fluorescent gel particles in the nanometer range for detection of metabolites in living cells. 2006, 17, 790-793	14
628	Novel Terbium Chelate Doped Fluorescent Silica Nanoparticles. 2006, 24, 193-196	1
627	Evaluation of Dispersion Methods for Silica-Based Composite Nanoparticles. 2006, 89, 060613004617006-???	1
626	Fluorescent silica nanospheres for digital counting bioassay of the breast cancer marker HER2/neu [correction of HER2/nue]. 2006, 21, 1900-6	37
625	Development of quartz-crystal-microbalance-based immunosensor array for clinical immunophenotyping of acute leukemias. 2006, 351, 69-76	25
624	Preparation of a novel fluorescence probe based on covalent immobilization by emulsion polymerization and its application to the determination of metronidazole. 2006, 560, 191-196	33
623	A novel electrogenerated chemiluminescence sensor for pyrogallol with core-shell luminol-doped silica nanoparticles modified electrode by the self-assembled technique. 2006, 570, 207-13	39
622	Nanoparticles: potential biomarker harvesters. 2006, 10, 56-61	41
621	Nanoparticles for bioimaging. 2006, 123-126, 471-85	566
620	Electrogenerated chemiluminescence sensing platform using Ru(bpy) ₃ ²⁺ doped silica nanoparticles and carbon nanotubes. 2006, 8, 1687-1691	52
619	Preparation of methylene blue-doped silica nanoparticle and its application to electroanalysis heme proteins. 2006, 51, 6527-6532	30
618	Ru(bpy) ₃ ²⁺ -doped silica nanoparticle DNA probe for the electrogenerated chemiluminescence detection of DNA hybridization. 2006, 52, 575-580	88
617	Fluorescence lifetime measurements to determine the core-shell nanostructure of FITC-doped silica nanoparticles: An optical approach to evaluate nanoparticle photostability. 2006, 117, 75-82	83
616	An antisense oligonucleotide carrier based on amino silica nanoparticles for antisense inhibition of cancer cells. 2006, 2, 113-20	45
615	Lanthanide-based luminescence probes and time-resolved luminescence bioassays. 2006, 25, 490-500	167

614	Bioconjugated silica-coated nanoparticles for bioseparation and bioanalysis. 2006 , 25, 848-855	106
613	Silica nanotube multi-terminal junctions as a coating for carbon nanotube junctions. 2006 , 74,	12
612	Using bioconjugated nanoparticles to monitor E. coli in a flow channel. 2006 , 1, 384-90	16
611	Nanoparticles for cancer therapy and diagnosis. 2006 , 17, 1-28	127
610	Luminescent nanomaterials for biological labelling. 2006 , 17, R1-R13	474
609	Optical technologies for the read out and quality control of DNA and protein microarrays. 2006 , 385, 500-17	80
608	FloDots: luminescent nanoparticles. 2006 , 385, 518-24	138
607	Bioeffects of different functionalized silica nanoparticles on HaCaT cell line. 2006 , 51, 1939-1946	15
606	In vitro toxicity of silica nanoparticles in human lung cancer cells. 2006 , 217, 252-9	679
605	Multi-fluorescent dye-doped SiO ₂ /lanthanide complexes hybrid particles. 2006 , 60, 1629-1633	3
604	Formation of disperse nanoparticles at the oil/water interface in normal microemulsions. 2006 , 12, 6552-8	70
603	Preparation of Near-IR Fluorescent Nanoparticles for Fluorescence-Anisotropy-Based Immunoagglutination Assay in Whole Blood. 2006 , 16, 2147-2155	75
602	Immunosensors Based on Functional Nanoparticle Labels. 2006 , 2, 1-7	3
601	Rapid, simple, and sensitive immunoagglutination assay with SiO ₂ particles and quartz crystal microbalance for quantifying Schistosoma japonicum antibodies. 2006 , 52, 2065-71	18
600	Eu-Doped Silica Nanotubes: Synthesis and Optical Properties. 2006 , 922, 1	1
599	Bio-Applications of Nanoparticles. 2007 ,	13
598	Preparation and properties of a new multifunctional material composed of superparamagnetic core and rhodamine B doped silica shell. 2007 , 18, 345604	25
597	Nanoparticles for Optical Imaging of Cancer. 2007 ,	1

596	Selective separation of proteins with pH-dependent magnetic nanoadsorbents. 2007 , 18, 365604		21
595	Synthesis and characterization of europium(III) nanoparticles for time-resolved fluoroimmunoassay of prostate-specific antigen. 2007 , 18, 075604		13
594	Study on the Cytochrome C Separation Based on Silica Coated Magnetic Nanoparticles. 2007 ,		
593	Nanomaterial labels in electrochemical immunosensors and immunoassays. 2007 , 74, 308-17		252
592	Synthesis, characterization, and biological applications of multifluorescent silica nanoparticles. <i>Analytical Chemistry</i> , 2007 , 79, 6507-14	7.8	115
591	Synthesis and characterization of efficient near-infrared upconversion Yb and Tm codoped NaYF ₄ nanocrystal reporter. 2007 , 427, 333-340		92
590	Formation of silica nanoparticles in microemulsions. 2007 , 23, 3017-24		123
589	Biomedical Platforms Based on Composite Nanomaterials and Cellular Toxicity. 2007 , 61, 95-98		12
588	Synthesis and Characterization of Organosilica Nanoparticles Prepared from 3-Mercaptopropyltrimethoxysilane as the Single Silica Source. 2007 , 111, 18892-18898		74
587	Toxicity of luminescent silica nanoparticles to living cells. 2007 , 20, 1126-33		233
586	An optical sensor for reactive oxygen species: encapsulation of functionalised silica nanoparticles into silicate nanopores to reduce fluorophore leaching. 2008 , 133, 71-5		24
585	On the structural stability of dye-doped silica nanoparticles. 2007 ,		
584	Fluorescent nanoparticles for multiplexed bacteria monitoring. 2007 , 18, 297-301		150
583	Dual-Lanthanide-Chelated Silica Nanoparticles as Labels for Highly Sensitive Time-Resolved Fluorometry. 2007 , 19, 5875-5881		76
582	Non-destructive horseradish peroxidase immobilization in porous silica nanoparticles. 2007 , 17, 4854		27
581	Preparation and characterization of poly(lipid)-coated, fluorophore-doped silica nanoparticles for biolabeling and cellular imaging. 2007 , 23, 12624-33		52
580	Properties of Core-Shell Ni ₃ Au Nanoparticles Synthesized through a Redox-Transmetalation Method in Reverse Microemulsion. 2007 , 19, 3399-3405		95
579	Using luminescent nanoparticles as staining probes for Affymetrix GeneChips. 2007 , 18, 610-3		44

578	Luminescent silica nanobeads: characterization and evaluation as efficient cytoplasmatic transporters for T-lymphocytes. 2007 , 129, 7814-23		22
577	Peptide Nanoparticles. 2007 ,		
576	Cucurbit[7]uril induces superior probe performance for single-molecule detection. 2007 , 129, 10338-9		28
575	Silica nanoparticle crystals and ordered coatings using lys-sil and a novel coating device. 2007 , 23, 9924-8		75
574	Bifunctional nanostructure of magnetic core luminescent shell and its application as solid-state electrochemiluminescence sensor material. 2007 , 111, 10448-52		110
573	Up-Conversion in Yb,Er-Doped Y2O3 Nanoparticles for Cell Imaging. 2007 , 555, 383-388		6
572	Versatile photosensitizers for photodynamic therapy at infrared excitation. 2007 , 129, 4526-7		508
571	Sensitized luminescent terbium nanoparticles: preparation and time-resolved fluorescence assay for DNA. <i>Analytical Chemistry</i> , 2007 , 79, 960-5	7.8	105
570	Aptamer-conjugated nanoparticles for the collection and detection of multiple cancer cells. <i>Analytical Chemistry</i> , 2007 , 79, 3075-82	7.8	310
569	Fluorescent nanoparticle-based indirect immunofluorescence microscopy for detection of <i>Mycobacterium tuberculosis</i> . 2007 , 2007, 89364		31
568	One-Step Synthesis of Ru(2,2'-Bipyridine)3Cl2-Immobilized Silica Nanoparticles for Use in Electrogenerated Chemiluminescence Detection. 2007 , 17, 1353-1358		85
567	Nanomedicine for drug delivery and imaging: a promising avenue for cancer therapy and diagnosis using targeted functional nanoparticles. 2007 , 120, 2527-37		485
566	Optimization of the methods for introduction of amine groups onto the silica nanoparticle surface. 2007 , 80, 752-7		20
565	Nanovehicles Based Bioassay Labels. 2007 , 19, 777-785		35
564	A Novel Electrogenerated Chemiluminescence Reaction Scheme Using Core-Shell Luminol-Based SiO2 Nanoparticles as a Regulator and Its Analytical Application. 2007 , 25, 351-355		3
563	Amperometric Sensor Based on Neutral Red-Doped Silica Nanoparticles Coupled with Microdialysis for the Measurement of Glutamate in the Rat Striatum. 2007 , 25, 953-957		1
562	Synthesis, photoluminescence and bioconjugation of rare-earth (Eu) complexes-embedded silica nanoparticles. 2007 , 142, 689-693		13
561	Robust fluorescein-doped silica nanoparticles via dense-liquid treatment. 2007 , 303, 207-210		14

560	A perspective on bioconjugated nanoparticles and quantum dots. 2007 , 59, 1-10	71
559	Functionalized fluorescent core-shell nanoparticles used as a fluorescent labels in fluoroimmunoassay for IL-6. 2007 , 22, 2743-8	80
558	A novel sensitive staphylococcal enterotoxin C1 fluoroimmunoassay based on functionalized fluorescent core-shell nanoparticle labels. 2007 , 105, 1623-1629	26
557	Dye sensitized luminescent europium nanoparticles and its time-resolved fluorometric assay for DNA. 2007 , 587, 180-6	31
556	Detection of thrombin using electrogenerated chemiluminescence based on Ru(bpy) ₃ (2+)-doped silica nanoparticle aptasensor via target protein-induced strand displacement. 2007 , 598, 242-8	135
555	Rhodamine B isothiocyanate doped silica-coated fluorescent nanoparticles (RBITC-DSFNPs)-based bioprobes conjugated to Annexin V for apoptosis detection and imaging. 2007 , 3, 266-72	34
554	Red and blue ferritin nanomagnets by dye-labeling to the protein shell. 2007 , 360, 3951-3954	10
553	Using silica nanoparticles as a catalyst carrier to the highly sensitive determination of thiamine. 2007 , 86, 42-47	22
552	Synthesis and green up-conversion fluorescence of colloidal La _{0.78} Yb _{0.20} Er _{0.02} F ₃ /SiO ₂ core/shell nanocrystals. 2007 , 180, 2268-2272	24
551	A fluorescence ratiometric nano-pH sensor based on dual-fluorophore-doped silica nanoparticles. 2007 , 67, 517-21	74
550	Dye-doped nanoparticles for bioanalysis. 2007 , 2, 44-50	307
549	Morphology of ferromagnetic sol-gel submicron silica powders doped with iron and nickel particles. 2007 , 61, 3171-3173	6
548	Quantum dots and other fluorescent nanoparticles: quo vadis in the cell?. 2007 , 620, 156-67	22
547	Gd nanoparticulates: from magnetic resonance imaging to neutron capture therapy. 2007 , 18, 663-698	56
546	Noninvasive monitoring of intracellular pH change induced by drug stimulation using silica nanoparticle sensors. 2007 , 388, 645-54	120
545	Preparation of a novel fluorescence nanosensor based on calcein-doped silica nanoparticles, and its application to the determination of calcium in blood serum. 2007 , 159, 255-261	29
544	A study of using luminophore-doped silica nanoparticles as fluorescent probe in protein microarray assay. 2007 , 2, 199-203	
543	Ultrasensitive detection of biomolecules using functionalized multi-walled carbon nanotubes. 2007 , 124, 161-166	14

542	Silica-coated quantum dots fluorescent spheres synthesized using a quaternary [water-in-oil] microemulsion system. 2008 , 10, 613-624	19
541	Bioconjugated silica nanoparticles: Development and applications. 2008 , 1, 99-115	307
540	Synthesis of Organic Dye-Impregnated Silica Shell-Coated Iron Oxide Nanoparticles by a New Method. 2008 , 3, 496-501	24
539	Synthesis of colloidal LaF ₃ : 0.04Yb ³⁺ , 0.01Er ³⁺ nanocrystals with green upconversion luminescence. 2008 , 26, 40-43	13
538	Synthesis and characterization of photoswitchable fluorescent silica nanoparticles. 2008 , 4, 134-42	159
537	Repairing the damaged spinal cord and brain with nanomedicine. 2008 , 4, 1676-81	33
536	The role of peptides in blood-brain barrier nanotechnology. 2008 , 14, 163-73	27
535	[Ru(bpy) ₃] ²⁺ -doped silica nanoparticles within layer-by-layer biomolecular coatings and their application as a biocompatible electrochemiluminescent tag material. 2008 , 14, 3687-93	50
534	Ru(bpy) ₃ ²⁺ -doped Silica Nanoparticle Aptasensor for Detection of Thrombin Based on Electrogenerated Chemiluminescence. 2008 , 26, 315-320	20
533	Photothermal detection of individual gold nanoparticles: perspectives for high-throughput screening. 2008 , 9, 1761-6	17
532	Effect of surface chemistry modification of functional gold nanoparticles on the drug accumulation of cancer cells. 2008 , 86, 942-6	18
531	A Novel Electrogenerated Chemiluminescence (ECL) Sensor Based on Ru(bpy) ₃ ²⁺ -Doped Titania Nanoparticles Dispersed in Nafion on Glassy Carbon Electrode. 2008 , 20, 874-880	13
530	Preparation of aminated core-shell fluorescent nanoparticles and their application to the synchronous fluorescence determination of gamma-globulin. 2008 , 23, 392-6	19
529	Designed Fabrication of Silica-Based Nanostructured Particle Systems for Nanomedicine Applications. 2008 , 18, 3745-3758	355
528	Electrochemical and electrochemiluminescence study of Ru(bpy) ₃ ²⁺ -doped silica nanoparticles with covalently grafted biomacromolecules. 2008 , 321, 310-4	31
527	Multifunctional Particles: Magnetic Nanocrystals and Gold Nanorods Coated with Fluorescent Dye-Doped Silica Shells. 2008 , 181, 1590-1599	56
526	Electrogenerated chemiluminescence sensor for metoclopramide determination based on Ru(bpy) ₃ ²⁺ -doped silica nanoparticles dispersed in Nafion on glassy carbon electrode. 2008 , 47, 670-6	26
525	Interaction of water-soluble thiol capped CdTe quantum dots and bovine serum albumin. 2008 , 198, 7-12	102

524	Synthesis and properties of magnetic and luminescent Fe ₃ O ₄ /SiO ₂ /Dye/SiO ₂ nanoparticles. 2008 , 128, 1890-1895	74
523	Apo ferritin as a nanoreactor for preparing metallic nanoparticles. 2008 , 11, 1207-1212	32
522	Interaction of colloidal TiO ₂ with bovine serum albumin: A fluorescence quenching study. 2008 , 324, 176-180	47
521	The preparation of multi-walled carbon nanotubes encapsulated by poly(3-acrylamino propyl siloxane) with silica nanospheres on the polymer surface. 2008 , 46, 1670-1677	20
520	Anti-Her-2 monoclonal antibody conjugated polymer fluorescent nanoparticles probe for ovarian cancer imaging. 2008 , 625, 201-6	25
519	Glucose biosensor based on gold nanoparticle-catalyzed luminol electrochemiluminescence on a three-dimensional sol-gel network. 2008 , 10, 1250-1253	88
518	Layer-by-layer assembly of functional silica and Au nanoparticles for fabricating electrogenerated chemiluminescence sensor. 2008 , 53, 6423-6427	23
517	Silica-based multimodal/multifunctional nanoparticles for bioimaging and biosensing applications. 2008 , 3, 579-92	116
516	One-pot synthesis and characterization of three kinds of thiol-organosilica nanoparticles. 2008 , 24, 5099-108	89
515	Silica Nanoparticles with Continuously Tunable Sizes: Synthesis and Size Effects on Cellular Contrast Imaging. 2008 , 20, 4411-4419	87
514	Surfactant-Mediated Fabrication of Optical Nanoprobes. 2008 , 189-233	4
513	Aspects of recent development of immunosensors. 2008 , 237-260	7
512	Functionalization of luminescent aminated particles for facile bioconjugation. 2008 , 2, 2273-82	33
511	Molecular Imaging I. 2008 ,	4
510	Interfacial Processes and Molecular Aggregation of Surfactants. 2008 ,	10
509	Cyanine Dye-Based Compounds for Tumor Imaging With and Without Photodynamic Therapy. 2008 , 41-74	25
508	Charge Modification of Pharmaceutical Nanocarriers: Biological Implications. 2008 , 337-362	3
507	Bioactive materials for biomedical applications using sol-gel technology. 2008 , 3, 034005	161

506	Fluorescence resonance energy transfer based MCM-EDTA-Tb3+-MES sensor. 2008 , 62, 604-10		3
505	One-pot synthesis of silica-coated magnetic plasmonic tracer nanoparticles. 2008 , 6140-2		29
504	Luminescent europium nanoparticles with a wide excitation range from UV to visible light for biolabeling and time-gated luminescence bioimaging. 2008 , 365-7		56
503	Europium(III) complexes containing organosilyldipyridine ligands grafted on silica nanoparticles. 2008 , 24, 6208-14		27
502	Controlling silica nanoparticle properties for biomedical applications through surface modification. 2008 , 32, 588		15
501	Ruthenium polypyridyl peptide conjugates: membrane permeable probes for cellular imaging. 2008 , 5307-9		121
500	In vivo study of biodistribution and urinary excretion of surface-modified silica nanoparticles. <i>Analytical Chemistry</i> , 2008 , 80, 9597-603	7.8	295
499	Antibody-Conjugated CdTe Quantum Dots for Escherichia coli Detection. 2008 , 112, 4818-4824		75
498	Synthesis and Characterization of Fluorescently Doped Mesoporous Nanoparticles for Two-Photon Excitation. 2008 , 20, 2174-2183		45
497	Size-controlled, one-pot synthesis, characterization, and biological applications of epoxy-organosilica particles possessing positive zeta potential. 2008 , 24, 12228-34		40
496	Enhance effect of surfactants on the photoluminescence and photostability of water-soluble poly(phenylene ethynylene). 2008 , 112, 12681-5		20
495	Synthesis and characterization of ultra-small superparamagnetic iron oxide nanoparticles thinly coated with silica. 2008 , 19, 335601		110
494	Optical agents. 2008 , 203-22		3
493	Using Aptamer Nanoparticle Conjugates for Cancer Cells Detection. 2008 , 4, 400-409		27
492	Nanomaterials and Analytical Chemistry. 2008 , 41, 479-520		45
491	Synthesis and characterization of a new trifunctional magnetic-photoluminescent-oxygen-sensing nanomaterial. 2008 , 19, 495709		13
490	Nanoprobes for Medical Diagnosis: Current Status of Nanotechnology in Molecular Imaging. 2008 , 4, 17-29		26
489	NANOPARTICLES FOR BIOSENSORS. 2008 , 583-621		5

488	Nanosensors. 2009 , 412-443	1
487	Antibody-coated magnetic nanoparticles: Targeting and treating cancer. 2009 , 2, 33	1
486	Safety and Efficacy of Nano/Micro Materials. 2009 , 63-88	2
485	Ru(bpy) ₃ covalently doped silica nanoparticles as multicenter tunable structures for electrochemiluminescence amplification. 2009 , 131, 2260-7	142
484	[Mesoporous silica nanoparticles for two-photon fluorescence]. 2009 , 25, 744-6	
483	Applications of nanomaterials in electrogenerated chemiluminescence biosensors. 2009 , 9, 674-95	88
482	In vitro developmental toxicity test detects inhibition of stem cell differentiation by silica nanoparticles. 2009 , 240, 108-16	118
481	Generic Method of Preparing Multifunctional Fluorescent Nanoparticles Using Flash NanoPrecipitation. 2009 , 19, 718-725	122
480	A non-enzyme hydrogen peroxide sensor based on core/shell silica nanoparticles using synchronous fluorescence spectroscopy. 2009 , 165, 23-28	38
479	Review: bioanalytical applications of biomolecule-functionalized nanometer-sized doped silica particles. 2009 , 647, 14-30	331
478	Study on the binding of colloidal zinc oxide nanoparticles with bovine serum albumin. 2009 , 934, 129-137	79
477	Sensing abilities of materials prepared by sol-gel technology. 2009 , 50, 201-215	39
476	Novel functionalized ternary copolymer fluorescent nanoparticles: synthesis, fluorescent characteristics and protein immobilization. 2009 , 20, 563-72	6
475	Fluorescent biological label for recognizing human ovarian tumor cells based on fluorescent nanoparticles. 2009 , 19, 1095-101	12
474	Experimental and theoretical studies of the optimisation of fluorescence from near-infrared dye-doped silica nanoparticles. 2009 , 393, 1143-9	43
473	The influence of the shell on magnetic properties of CdS: Mn/SiO ₂ composite nanoparticles. 2009 , 97, 277-280	2
472	Photoreversible fluorescent modulation of nanoparticles via one-step miniemulsion polymerization. 2009 , 5, 970-8	71
471	Virus-templated silica nanoparticles. 2009 , 5, 813-6	64

- 470 Synthesis and characterization of functionalized rhodamine B-doped silica nanoparticles. **2009**, 31, 1715-1719 50
- 469 Highly sensitive and selective oligonucleotide sensor for sickle cell disease gene using photon upconverting nanoparticles. **2009**, 24, 1522-6 64
- 468 Interaction of colloidal TiO₂ with human serum albumin: A fluorescence quenching study. **2009**, 333, 91-95 38
- 467 Preparation and size optimisation of silica nanoparticles using statistical analyses. **2009**, 468, 239-244 27
- 466 Conjugated polymer as a signal amplifier for novel silica nanoparticle-based fluoroimmunoassay. **2009**, 24, 3293-8 52
- 465 Electrogenerated chemiluminescence ethanol biosensor based on alcohol dehydrogenase functionalized Ru(bpy)₃(2+) doped silica nanoparticles. **2009**, 25, 263-7 41
- 464 Photophysics of Cy3-encapsulated calcium phosphate nanoparticles. **2009**, 9, 1559-66 131
- 463 Hybrid Cyanine/Silica Nanoparticles: Homogeneous Photoemission Behavior of Entrapped Fluorophores and Consequent High Brightness Enhancement. **2009**, 113, 21048-21053 35
- 462 Photoactive hybrid nanomaterials: indocyanine immobilized in mesoporous MCM-41 for "in-cell" bioimaging. **2009**, 1, 678-87 28
- 461 Carbon Nanotubes Toxicity. **2009**, 47-67 5
- 460 Surface-enhanced Raman scattering inside metal nanoshells. **2009**, 131, 3808-9 79
- 459 Synthesis of 1,4-Bis(o-cyanostyryl)benzene/Silica Nanoparticles with Core/Shell Structures and Effects of Reaction Conditions. **2009**, 113, 12033-12039 10
- 458 Time-resolved fluorescence based DNA detection using novel europium ternary complex doped silica nanoparticles. **2009**, 80, 991-5 29
- 457 Oxidative stress of silica nanoparticles in human bronchial epithelial cell, Beas-2B. **2009**, 23, 1326-32 160
- 456 Nanometre Ni and core/shell Ni/Au nanoparticles with controllable dimensions synthesized in reverse microemulsion. **2009**, 475, 494-500 36
- 455 New method to prepare very stable and biocompatible fluorescent silica nanoparticles. **2009**, 2881-3 77
- 454 Novel highly charged silica-coated Tb(III) nanoparticles with fluorescent properties sensitive to ion exchange and energy transfer processes in aqueous dispersions. **2009**, 25, 3146-51 43
- 453 Conjugation of biomolecules with magnetic protein microspheres for the assay of early biomarkers associated with acute myocardial infarction. *Analytical Chemistry*, **2009**, 81, 6210-7 7.8 31

452	Photophysical Properties of Dye-Doped Silica Nanoparticles Bearing Different Types of Dye-Silica Interactions. 2009 , 113, 15974-15981		48
451	Direct Room Temperature Synthesis of Valence State Engineered Ultra-Small Ceria Nanoparticles: Investigation on the Role of Ethylenediamine as a Capping Agent. 2009 , 113, 4862-4867		52
450	Membranes from Polymerizable Lipids. 2009 , 1-42		12
449	Electrochemiluminescent immunosensor for detection of protein cancer biomarkers using carbon nanotube forests and [Ru-(bpy)(3)](2+)-doped silica nanoparticles. 2009 , 4968-70		99
448	Synthesis, Characterization and Biosensing Application of Photon Upconverting Nanoparticles. 2009 , 7188,		2
447	Rapid and ultra-sensitive detection of AMP using a fluorescent and magnetic nano-silica sandwich complex. 2009 , 1975-7		43
446	Fluorescent avidin-bound silver particle: a strategy for single target molecule detection on a cell membrane. <i>Analytical Chemistry</i> , 2009 , 81, 883-9	7.8	33
445	Synthesis of Folate Conjugated Fluorescent Nanoparticle Probe and Its Application in Cervical Cancer Cell Imaging. 2009 , 42, 2280-2292		2
444	Twisted perylene dyes enable highly fluorescent and photostable nanoparticles. 2009 , 180-2		46
443	Homogenous, far-reaching tuning and highly emissive QD-silica core-shell nanocomposite synthesized via a delay photoactive procedure; their applications in two-photon imaging of human mesenchymal stem cells. 2009 , 19, 8314		21
442	Fluorescence Silica Nanoprobe as a Biomarker for Rapid Detection of Plant Pathogens. 2009 , 79-82, 513-516		104
441	The impact of size on tissue distribution and elimination by single intravenous injection of silica nanoparticles. 2009 , 189, 177-83		234
440	Visible-light-sensitized highly luminescent europium nanoparticles: preparation and application for time-gated luminescence bioimaging. 2009 , 19, 1258		83
439	Nanoparticle strategies for enhancing the sensitivity of fluorescence-based biochips. 2009 , 4, 645-56		30
438	Nanotechnologies for Water Environment Applications. 2009 ,		25
437	TECHNEAU: Safe Drinking Water from Source to Tap State of the art & Perspectives. 2009 , 8,		0
436	Direct Imaging of Apoptosis Process of Neural Stem Cells Exposed to Porous Silica Nanoparticles. 2010 , 6, 292-297		2
435	Exposure to nanoparticles and hormesis. 2010 , 8, 501-17		70

434	Effects of surfactant/water ratio and dye amount on the fluorescent silica nanoparticles. 2010 , 72, 723-729	5
433	Fluorescence lifetime analysis and fluorescence correlation spectroscopy elucidate the internal architecture of fluorescent silica nanoparticles. 2010 , 26, 13741-6	24
432	A rapid and universal bacteria-counting approach using CdSe/ZnS/SiO ₂ composite nanoparticles as fluorescence probe. 2010 , 396, 1397-404	21
431	Novel multicolor fluorescently labeled silica nanoparticles for interface fluorescence resonance energy transfer to and from labeled avidin. 2010 , 398, 1615-23	15
430	Multivalent interaction-based carbohydrate biosensors for signal amplification. 2010 , 26, 996-1001	18
429	Polymer nanoparticles as fluorescent labels in a fluoroimmunoassay for human chorionic gonadotropin. 2010 , 171, 393-398	13
428	Protein analysis based on molecular beacon probes and biofunctionalized nanoparticles. 2010 , 53, 704-719	5
427	A nanoencapsulated hypocrellin A prepared by an improved microemulsion method for photodynamic treatment. 2010 , 21, 2095-101	9
426	In Situ Monitoring of the Generation of Monodisperse Silica Particles during the Hydrolysis of Tetraethyl Orthosilicate with Piezoelectric Quartz Crystal Impedance Analyzer. 2010 , 21, 162-169	
425	Synthesis and characterization of oriented glyco-capturing macroligand. 2010 , 11, 2018-25	9
424	Bionanoprobes with excellent two-photon-sensitized Eu ³⁺ luminescence properties for live cell imaging. 2010 , 16, 8647-51	41
423	Molecular biomimetics: GEPI-based biological routes to technology. 2010 , 94, 78-94	81
422	Functional silica nanoparticle-mediated neuronal membrane sealing following traumatic spinal cord injury. 2010 , 88, 1433-44	34
421	Electrospun novel bifunctional magnetic-photoluminescent nanofibers based on Fe ₂ O ₃ nanoparticles and europium complex. 2010 , 350, 396-401	55
420	Fluorescent magnetic nanoprobes: design and application for cell imaging. 2010 , 351, 128-33	20
419	Tandem conjugation of enzyme and antibody on silica nanoparticle for enzyme immunoassay. 2010 , 406, 8-13	29
418	Influence of silica particle internalization on adhesion and migration of human dermal fibroblasts. 2010 , 31, 8465-74	95
417	Synthesis structure and stability of amino functionalized PEGylated silica nanoparticles. 2010 , 367, 12-16	26

416	Highly bright and photostable cyanine dye-doped silica nanoparticles for optical imaging: Photophysical characterization and cell tests. 2010 , 84, 121-127	79
415	Preparation of A Novel Type of Fluorescein Isothiocyanate-Doped Fluorescent Silica Nanoparticle and Its Application as pH Probe. 2010 , 38, 488-492	21
414	Retraction: Controllable Fabricate Intrinsic Fluorescent Polymer Nanoparticles Array by Atmospheric Pressure Plasma Polymerization. 2010 , 7, NA-NA	
413	In vivo near-infrared fluorescence imaging of cancer with nanoparticle-based probes. 2010 , 2, 349-66	163
412	Electrochemiluminescent Array for Protein Cancer Biomarkers Using Single-Wall Carbon Nanotube Forests and [Ru-(bpy) ₃] ²⁺ -Doped Silica Nanoparticles. 2010 ,	
411	Preparation of luminescent dye doped core-shell nanoparticles and their application in cell recognition. 2010 ,	
410	Preparation, Characterization and Fluorescent Immunoassay Application of Rubpy-Doped Silica Nanoparticles. 2010 ,	
409	Toxicity of Spherical and Anisotropic Nanosilica. 2010 ,	
408	Preparation and characterization of a novel silica fluorescent nanoparticles with DPPDA-Eu ³⁺ doped. 2010 ,	
407	Silica-Based Nanoparticles: Design and Properties. 2010 , 229-251	9
406	Simultaneous counting of two subsets of leukocytes using fluorescent silica nanoparticles in a sheathless microchip flow cytometer. 2010 , 10, 3243-54	37
405	Optical imaging-guided cancer therapy with fluorescent nanoparticles. 2010 , 7, 3-18	171
404	Core-shell nanoarchitectures: a strategy to improve the efficiency of luminescence resonance energy transfer. 2010 , 4, 5389-97	26
403	Nanostructured Materials Use in Sensors: Their Benefits and Drawbacks. 2010 , 307-354	2
402	Approaches to the Biofunctionalization of Spherical Silica Nanomaterials. 2010 ,	2
401	Preparation and characterization of a magnetic and optical dual-modality molecular probe. 2010 , 21, 175704	23
400	Nanomaterial enabled biosensors for pathogen monitoring - a review. 2010 , 44, 3656-69	208
399	A highly sensitive and selective "signal-on" electrochemiluminescent biosensor for mercury. 2010 , 46, 3149-51	98

398	Nanoparticle-based biocompatible and long-life marker for lysosome labeling and tracking. <i>Analytical Chemistry</i> , 2010 , 82, 2213-20	7.8	76
397	Excellent photostability of phosphorescent nanoparticles and their application as a color converter in light emitting diodes. 2010 , 4, 3397-405		27
396	Hyper-efficient quenching of a conjugated polyelectrolyte by dye-doped silica nanoparticles: better quenching in the nonaggregated state. 2010 , 26, 1528-32		4
395	In vitro and In vivo Optical Imaging Using Water-Dispersible, Noncytotoxic, Luminescent, Silica-Coated Quantum Rods. 2010 , 22, 2261-2267		41
394	Metal Nanoshell - Capsule for Light-Driven Release of Small Molecule. 2010 , 114, 7635-7659		12
393	Identification of single fluorescent labels using spectroscopic microscopy. 2010 , 64, 37-45		11
392	Preparation of europium-quantum dots and europium-fluorescein composite nanoparticles available for ratiometric luminescent detection of metal ions. 2010 , 21, 395504		20
391	Sandwich-type electrochemiluminescence immunosensor based on Ru-silica@Au composite nanoparticles labeled anti-AFP. 2010 , 82, 1468-71		78
390	Photo- and biophysical studies of lectin-conjugated fluorescent nanoparticles: reduced sensitivity in high density assays. 2010 , 114, 14487-94		12
389	Synthesis and characterization of gold-deposited red, green and blue fluorescent silica nanoparticles for biosensor application. 2010 , 46, 6374-6		18
388	Fluorescent silica nanoparticles for cancer imaging. 2010 , 624, 151-62		23
387	Advanced Fluorescence Reporters in Chemistry and Biology II. 2010 ,		11
386	A new CoFe(2)O(4)-Cr(2)O(3)-SiO(2) fluorescent magnetic nanocomposite. 2010 , 2, 2250-6		36
385	Cancer Nanotechnology. 2010 ,		23
384	Current molecular and emerging nanobiotechnology approaches for the detection of microbial pathogens. 2010 , 36, 318-39		49
383	Dual Visible and Near-Infrared Luminescent Silica Nanoparticles. Synthesis and Aggregation Stability. 2010 , 114, 6350-6355		21
382	Hybrid nanomaterials for biomedical applications. 2010 , 46, 5832-49		237
381	Amplified energy transfer in conjugated polymer nanoparticle tags and sensors. 2010 , 2, 1999-2011		175

380	Determination of ranitidine, nizatidine, and cimetidine by a sensitive fluorescent probe. 2011 , 136, 4168-73	42
379	QD-Dye@Silica Multicolor silica nanospheres with remarkable stability as pH sensors. 2011 , 21, 17673	17
378	Increasing surface area of silica nanoparticles with a rough surface. 2011 , 3, 1865-72	53
377	Systematic Tuning the Hydrodynamic Diameter of Uniformed Fluorescent Silica Nanoparticles. 2011 , 115, 16322-16332	15
376	Silver-coated dye-embedded silica beads: a core material of dual tagging sensors based on fluorescence and Raman scattering. 2011 , 3, 324-30	19
375	The effect of coating of Fe ₃ O ₄ /silica core/shell nanoparticles on T ₂ relaxation time at 9.4T. 2011 , 55, 10401	2
374	Silica-coated gold nanostars for combined surface-enhanced Raman scattering (SERS) detection and singlet-oxygen generation: a potential nanoplatform for theranostics. 2011 , 27, 12186-12190	182
373	Enriching PMMA nanospheres with adjustable charges as novel templates for multicolored dye@PMMA nanocomposites. 2011 , 22, 275608	8
372	Quantum-dot-embedded silica nanotubes as nanoprobe for simple and sensitive DNA detection. 2011 , 22, 155102	6
371	Protein microarrays and novel detection platforms. 2011 , 8, 61-79	118
370	Aqueous synthesis of CdTe nanocrystals: progresses and perspectives. 2011 , 47, 9293-311	96
369	DNA-Conjugated Nanomaterials for Bioanalysis. 2011 , 105-126	0
368	A DNA hybridization detection based on fluorescence resonance energy transfer between dye-doped core-shell silica nanoparticles and gold nanoparticles. 2011 , 136, 3973-80	37
367	Fluorescent Nanoparticles for Biological Imaging. 2011 , 393-405	
366	Carbon and Oxide Nanostructures. 2011 ,	14
365	Development of ultra-high sensitive and selective electrochemiluminescent sensor for copper(II) ions: a novel strategy for modification of gold electrode using click chemistry. 2011 , 136, 1580-5	40
364	An ultrasensitive immunosensor array for determination of staphylococcal enterotoxin B. 2011 , 85, 1070-4	10
363	Highly Stable, Water-Soluble, Intrinsic Fluorescent Hybrid Scaffolds for Imaging and Biosensing. 2011 , 115, 1674-1681	18

362	Orientated glyco-macroligand formation based on site-specific immobilization of O-cyanate chain-end functionalized glycopolymer. 2011 , 9, 845-50	22
361	Nanoparticles in molecular diagnostics. 2011 , 104, 427-88	36
360	Energy transfer cassettes in silica nanoparticles target intracellular organelles. 2011 , 9, 3871-7	4
359	Direct Evaluation of Ligand-Receptor Interaction by a Novel Imaging Model Based on Fluorescent Silica Nanoparticle as Ligand Probe and Molecular Imprinting Polymer as Artificial Receptor. 2011 , 44, 687-697	6
358	Luminescent mesoporous LaVO ₄ :Eu ³⁺ core-shell nanoparticles: synthesis, characterization, biocompatibility and their cytotoxicity. 2011 , 21, 19310	89
357	SiO ₂ Nanoparticles Induced Cytotoxicity by Oxidative Stress in Human Bronchial Epithelial Cell, Beas-2B. 2011 , 26, e2011013	28
356	Nanotechnology advances in brain tumors: the state of the art. 2011 , 6, 58-69	25
355	Validity of bioconjugated silica nanoparticles in comparison with direct smear, culture, and polymerase chain reaction for detection of Mycobacterium tuberculosis in sputum specimens. 2011 , 6, 2729-35	9
354	In vitro cytotoxicity and induction of apoptosis by silica nanoparticles in human HepG2 hepatoma cells. 2011 , 6, 1889-901	85
353	Alkali Metal Ion Sensing Using Absorbance Changes Based on Aggregation of Silica Nanoparticles Modified Chemically with Crown Ethers. 2011 , 40, 348-350	5
352	Toxicology and clinical potential of nanoparticles. 2011 , 6, 585-607	462
351	An electrochemiluminescence aptasensor for tumor cells assay based on signal amplification of Ru(II) covalently doped silica nanoparticles. 2011 , 13, 1244-1247	18
350	Cytotoxicity of silica nanoparticles through exocytosis of von Willebrand factor and necrotic cell death in primary human endothelial cells. 2011 , 32, 8385-93	76
349	The synthesis and bio-applications of magnetic and fluorescent bifunctional composite nanoparticles. 2011 , 136, 1783-98	60
348	Synthesis and applications of fluorescent-magnetic-bifunctional dansylated Fe ₃ O ₄ @SiO ₂ nanoparticles. 2011 , 46, 5959-5968	16
347	Photoactive Ru complex embedded in mesostructured MCM-41 nanoparticles. 2011 , 21, 901-9	7
346	Encapsulation of three different hydrophobic dyes in functionalized silica particles. 2011 , 59, 48-56	7
345	One-pot synthesis and characterization of rhodamine derivative-loaded magnetic core-shell nanoparticles. 2011 , 13, 1909-1916	8

344	Synthesis of Eu(III): naphthyltrifluoroacetone:trioctylphosphineoxide complex-doped silica fluorescent nanoparticles through a new approach. 2011 , 13, 7271-7276	6
343	Core-shell fluorescent silica nanoparticles for sensing near-neutral pH values. 2011 , 172, 327-333	25
342	New silica and polystyrene nanoparticles labeled with longwave absorbing and fluorescent chameleon dyes. 2011 , 174, 429-434	9
341	Determination of cocaine on banknotes through an aptamer-based electrochemiluminescence biosensor. 2011 , 400, 289-94	46
340	Highly sensitive electrochemiluminescent biosensor for adenosine based on structure-switching of aptamer. 2011 , 684, 121-5	27
339	A facile and general approach for the synthesis of fluorescent silica nanoparticles doped with inert dyes. 2011 , 56, 3242	11
338	A comparative study of non-covalent encapsulation methods for organic dyes into silica nanoparticles. 2011 , 6, 328	58
337	Quantitative ¹ H NMR analysis of reacted silanol groups in silica nanoparticles chemically modified with monochlorosilanes. 2011 , 43, 809-815	9
336	Highly fluorescent silica-coated bismuth-doped aluminosilicate nanoparticles for near-infrared bioimaging. 2011 , 7, 199-203	56
335	Fluorescent nanoparticle probes for imaging of cancer. 2011 , 3, 501-510	33
334	Electrochemiluminescence DNA Sensor Based on Hairpin Structure DNA as recognition element and Ru(bpy) ₃ ²⁺ -doped silica Nanoparticles as Signal-Producing Compound. 2011 , 23, 2693-2698	11
333	Silica-Nanoparticle Coatings by Adsorption from Lysine/Silica-Nanoparticle Sols on Inorganic and Biological Surfaces. 2011 , 123, 1655-1659	4
332	Silica-nanoparticle coatings by adsorption from lysine-silica-nanoparticle Sols on inorganic and biological surfaces. 2011 , 50, 1617-21	25
331	Synthesis and characterization of red-luminescent graphene oxide functionalized with silica-coated Eu ³⁺ complex nanoparticles. 2011 , 17, 7007-12	23
330	Signal enhancement in DNA microarray using dye doped silica nanoparticles: application to human papilloma virus (HPV) detection. 2011 , 26, 2761-5	22
329	Magnetic protein microbead-aided indirect fluoroimmunoassay for the determination of canine virus specific antibodies. 2011 , 26, 3353-60	17
328	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
327	A novel electrochemiluminescence glucose biosensor based on alcohol-free mesoporous molecular sieve silica modified electrode. 2011 , 158, 124-129	16

326	Synthesis, Functionalization, Characterization, and Application of Controlled Shape Nanoparticles in Energy Production. 2011 , 127-163	13
325	Sol-gel based optical chemical sensors. 2011 ,	4
324	Time-Resolved Fluorescence Immunoassay of Mouse IgG using Europium(III) Chelate-doped Silica Nanoparticles. 2011 , 3,	2
323	Therapeutic Nanoparticles and Associated Toxicity. 2011 , 7, 389-395	8
322	Evaluation of brain tumor vessels specific contrast agents for glioblastoma imaging. 2012 , 14, 53-63	59
321	Synthesis of Antibodies-Conjugated Fluorescent Dye-Doped Silica Nanoparticles for a Rapid Single Step Detection of <i>Campylobacter jejuni</i> in Live Poultry. 2012 , 2012, 1-7	18
320	Biomedical applications of organosilica nanoparticles toward theranostics. 2012 , 1, 469-491	22
319	Efficient fluorescence energy transfer system between CdTe-doped silica nanoparticles and gold nanoparticles for turn-on fluorescence detection of melamine. 2012 , 60, 4550-8	82
318	Colloidal Quantum Dots: The Opportunities and the Pitfalls for DNA Analysis Applications. 2012 , 323-363	
317	Silica nanoparticles as a carrier for signal amplification. 2012 , 31,	8
316	Structural and Luminescence Properties of Silica-Based Hybrids Containing New Silylated-Diketonato Europium(III) Complex. 2012 , 116, 505-515	59
315	Confeito-like assembly of organosilicate-caged fluorophores: ultrabright suprananoparticles for fluorescence imaging. 2012 , 23, 175601	8
314	One-step immobilization of Ru(bpy) ₃ (2+) in a silica matrix for the construction of a solid-state electrochemiluminescent sensor with high performance. 2012 , 137, 5245-50	8
313	Luminescence Nucleotide/Eu ³⁺ Coordination Polymer Based on the Inclusion of Tetracycline. 2012 , 116, 2292-2296	43
312	Dioxetane-doped silica nanoparticles as ultrasensitive reagentless thermochemiluminescent labels for bioanalytics. <i>Analytical Chemistry</i> , 2012 , 84, 9913-9	7.8 22
311	Intracellular sensing and cell diagnostics using fluorescent silica nanoparticles. 2012 , 8, 2579	35
310	Covalent conjugation of avidin with dye-doped silica nanoparticles and preparation of high density avidin nanoparticles as photostable bioprobes. 2012 , 37, 75-81	15
309	Nanoparticles in metal complexes-based electrogenerated chemiluminescence for highly sensitive applications. 2012 , 256, 1664-1681	77

308	Fluorescent nanoparticles for intracellular sensing: a review. 2012 , 751, 1-23	238
307	Biochemistry and Biomedical Applications of Spherical Nucleic Acids (SNAs). 2012 , 1-20	6
306	A fast-response pressure sensor based on a dye-adsorbed silica nanoparticle film. 2012 , 171-172, 343-349	38
305	Controllable preparation and formation mechanism of monodispersed silica particles with binary sizes. 2012 , 388, 40-6	15
304	Fabrication of meso and nanotextured silica surfaces for tunable densities of functionalized molecules. 2012 , 412, 38-46	3
303	Study the cytotoxicity of different kinds of water-soluble nanoparticles in human osteoblast-like MG-63 cells. 2012 , 47, 3654-3659	7
302	Preparation and time-gated luminescence bioimaging applications of long wavelength-excited silica-encapsulated europium nanoparticles. 2012 , 4, 3551-7	36
301	Nanotechnology-based approaches in anticancer research. 2012 , 7, 4391-408	173
300	Ultrasensitive electrochemiluminescence immunoassay for tumor marker detection using functionalized Ru-silica@nanoporous gold composite as labels. 2012 , 137, 680-5	55
299	Thermal fingerprint of silica encapsulated phase change nanoparticles. 2012 , 4, 3237-41	6
298	Fluorescence immunosensor based on p-acid-encapsulated silica nanoparticles for tumor marker detection. 2012 , 137, 2834-9	21
297	Reversible electroswitchable luminescence in thin films of organic-inorganic hybrid assemblies. 2012 , 4, 7676-81	13
296	Sol-gel emulsion synthesis of biphotonic core-shell nanoparticles based on lanthanide doped organic-inorganic hybrid materials. 2012 , 22, 6117	15
295	The toxicity outcome of silica nanoparticles (Ludox [®]) is influenced by testing techniques and treatment modalities. 2012 , 404, 1789-802	35
294	Silylated BODIPY dyes and their use in dye-encapsulated silica nanoparticles with switchable emitting wavelengths for cellular imaging. 2012 , 137, 4140-9	31
293	Nanodiagnosics for Tuberculosis. 2012 ,	6
292	Silica-metal core-shell nanostructures. 2012 , 170, 28-47	181
291	Bulk or surface grafted silylated Ru(II) complexes on silica as luminescent nanomaterials. 2012 , 36, 1355	10

290	The art of fluorescence imaging with chemical sensors. 2012 , 51, 3532-54	525
289	Molecular Engineering of Hybrid Dye/Silica Fluorescent Nanoparticles: Influence of the Dye Structure on the Distribution of Fluorophores and Consequent Photoemission Brightness. 2012 , 24, 2792-2801 ³³	
288	Silica-based nanoprobe for biomedical imaging and theranostic applications. 2012 , 41, 2673-85	317
287	Fluoreszenzbildgebung mit chemischen Sensoren. 2012 , 124, 3590-3614	62
286	Fluorescent (rhodamine), folate decorated and doxorubicin charged, PEGylated nanoparticles synthesis. 2012 , 23, 1697-704	20
285	Synthesis, characterizations of dye-doped silica nanoparticles and their application in labeling cells. 2012 , 89, 133-8	27
284	One-pot synthesis and surface modifications of organically modified silica (ORMOSIL) particles having multiple functional groups. 2012 , 367, 67-73	13
283	General assembly of organic molecules in core-shell mesoporous silica nanoparticles. 2012 , 77, 100-102	3
282	Synthesis of optically active silica-coated NdF3 core-shell nanoparticles. 2012 , 86, 432-6	48
281	Utilizing a tripeptide conjugated fluorescent hybrid nanoparticles as a fluorescence sensor for the determination of copper ions. 2012 , 175, 15-18	14
280	Highly sensitive and selective sensor based on silica-coated CdSe/ZnS nanoparticles for Cu ²⁺ ion detection. 2012 , 165, 119-125	94
279	Nanoparticle-based PARACEST agents: the quenching effect of silica nanoparticles on the CEST signal from surface-conjugated chelates. 2012 , 7, 19-25	10
278	Multifunctional organic-inorganic composite luminescent nanospheres. 2012 , 27, 74-9	12
277	Composite nanoparticles: the best of two worlds. 2012 , 402, 83-9	17
276	Electrochemiluminescence DNA sensor based on Ru(bpy) ₃ ²⁺ -doped silica nanoparticle labeling and proximity-dependent surface hybridization assay. 2012 , 16, 247-252	11
275	Highly sensitive optical biosensor for thrombin based on structure switching aptamer-luminescent silica nanoparticles. 2013 , 23, 137-46	19
274	Patchy silica-coated silver nanowires as SERS substrates. 2013 , 15, 1	20
273	A target-induced fluorescent nanoparticle for in situ monitoring of Zn(II). 2013 , 138, 4950-7	5

272	Bifunctional silica nanoparticles for the exploration of biofilms of <i>Pseudomonas aeruginosa</i> . 2013 , 29, 775-88	11
271	Immunosensor Based on Electrogenerated Chemiluminescence Using Ru(bpy) ₃ ²⁺ -Doped Silica Nanoparticles and Calix[4]crown-5 Self-Assembled Monolayers. 2013 , 25, 1056-1063	4
270	Synthesis and characterization of acrylate copolymer containing fluorescein functional group. 2013 , 30, 1609-1613	1
269	Determination of Cr(VI) in <i>Leersia hexandra</i> Swartz based on the efficient fluorescence energy transfer between CdTe@SiO ₂ nanoparticles and Rhodamine B. 2013 , 5, 5961	4
268	Peptide-bridged assembly of hybrid nanomaterial and its application for caspase-3 detection. 2013 , 5, 6494-501	45
267	A general approach to prepare conjugated polymer dot embedded silica nanoparticles with a SiO ₂ @CP@SiO ₂ structure for targeted HER2-positive cellular imaging. 2013 , 5, 8593-601	32
266	Effects of a nanoscale silica matrix on the fluorescence quantum yield of encapsulated dye molecules. 2013 , 5, 9365-73	18
265	Silica nanoparticles for cell imaging and intracellular sensing. 2013 , 24, 442002	77
264	Coupling gold nanoparticles to silica nanoparticles through disulfide bonds for glutathione detection. 2013 , 24, 375501	35
263	Polymorphism of CMONS Nanocrystals Grown in Silicate Particles through a Spray-Drying Process. 2013 , 13, 5241-5248	6
262	Multifunctional phenylboronic acid-tagged fluorescent silica nanoparticles via thiol-ene click reaction for imaging sialic acid expressed on living cells. 2013 , 115, 823-9	19
261	In-vitro cyto-toxicity, geno-toxicity, and bio-imaging evaluation of one-pot synthesized luminescent functionalized mesoporous SiO ₂ @Eu(OH) ₃ core-shell microspheres. 2013 , 9, 1328-35	60
260	Immuno-CoPS (conducting paper strips) for futuristic cost-effective cancer diagnostics. 2013 , 3, 11846	11
259	Tunable Visible Emission of Luminescent Hybrid Nanoparticles Incorporating Two Complementary Luminophores: ZnO Nanocrystals and [Mo ₆ Br ₁₄] ²⁻ Nanosized Cluster Units. 2013 , 30, 90-95	19
258	Electrogenerated chemiluminescence sensor for glutathione with (Ru(bpy) ₃ ²⁺) ₃ -doped silica nanoparticles. 2013 , 17, 795-803	3
257	Functionalizing nanoparticles with biological molecules: developing chemistries that facilitate nanotechnology. 2013 , 113, 1904-2074	1008
256	Luminescent Rhodamine B doped core-shell silica nanoparticle labels for protein microarray detection. 2013 , 98, 119-124	14
255	Engineering and Applications of DNA-Grafting Polymer Materials. 2013 , 4, 1928-1938	64

254	Detection of glyphosate by quantitative analysis of fluorescence and single DNA using DNA-labeled fluorescent magnetic core-shell nanoparticles. 2013 , 177, 879-886	26
253	Preparation, characterization, and utilization of multi-functional magnetic-fluorescent composites for bio-imaging and magnetic hyperthermia therapy. 2013 , 3, 7838	20
252	Synthesis of highly fluorescent silica nanoparticles in a reverse microemulsion through double-layered doping of organic fluorophores. 2013 , 15, 1	25
251	Mesostructured multifunctional magnetic nanocomposites for potential applications. 2013 , 222, 382-390	15
250	Synthesis, Characterization, and Application of Antibody Functionalized Fluorescent Silica Nanoparticles. 2013 , 23, 3335-3343	24
249	A turn-on fluorescent nanoprobe for selective determination of selenium(IV). 2013 , 5, 5165-73	23
248	An iron silicate based pH-sensitive drug delivery system utilizing coordination bonding. 2013 , 1, 2837-2842	11
247	Ru(II) encapsulated phosphorylate-terminated silica nanoparticles-based electrochemiluminescent strategy for label-free assay of protein kinase activity and inhibition. 2013 , 41, 519-25	31
246	A novel method for the preparation of Ru(bpy) ₃ ²⁺ -doped silica nanoparticles. 2013 , 92, 17-20	5
245	Comparative cytological responses of lung epithelial and pleural mesothelial cells following in vitro exposure to nanoscale SiO ₂ . 2013 , 27, 24-33	38
244	Extended Investigations on Luminescent Cs ₂ [Mo ₆ Br ₁₄]@SiO ₂ Nanoparticles: Physico-Structural Characterizations and Toxicity Studies. 2013 , 117, 20154-20163	63
243	Antibody-Conjugated Rubpy Dye-Doped Silica Nanoparticles as Signal Amplification for Microscopic Detection of <i>Vibrio cholerae</i> O1. 2013 , 2013, 1-7	5
242	<i>In vivo</i> study of biodistribution and urinary excretion of silica nanoparticles with different size. 2013 , 58, 568-574	2
241	Facile and Sensitive Epifluorescent Silica Nanoparticles for the Rapid Screening of EHEC. 2013 , 2013, 1-8	6
240	Sensitivity enhanced nanothermal sensors for photoacoustic temperature mapping. 2013 , 6, 534-42	22
239	Synthesis and Characterization of Pressure and Temperature Dual-Responsive Polystyrene Microbeads. 2013 , 30, 542-548	4
238	Immunostimulatory effects of silica nanoparticles in human monocytes. 2013 , 13, 94-101	17
237	Amino-Functionalized Silica Nanoparticles: In Vitro Evaluation for Targeted Delivery and Therapy of Pancreatic Cancer. 2013 , 2013, 1-8	23

236	Fluorescent Silica Nanoparticles in the Detection and Control of the Growth of Pathogen. 2013 , 2013, 1-7	24
235	Preparation of PLLA-SiO ₂ Composites Using APTMS as a Crosslinking Agent with the Sol-gel Technique. 2013 , 21, 431-438	2
234	Photosensitive fluorescent dye contributes to phototoxicity and inflammatory responses of dye-doped silica NPs in cells and mice. 2014 , 4, 445-59	12
233	Applications of Nanotechnology in Developing Biosensors for Food Safety. 2014 , 1-28	
232	Luminescent lanthanide reporters: new concepts for use in bioanalytical applications. 2014 , 2, 012001	57
231	Rubpy Dye-Doped Silica Nanoparticles as Signal Reporter in a Dot Fluorescence Immunoassay Strip. 2014 , 2014, 1-6	5
230	Pharmaceutical Nanotechnology: Overcoming Drug Delivery Challenges in Contemporary Medicine. 2014 , 191-236	
229	Fluorescent Silica Nanoparticles for Medical Imaging. 2014 , 243-275	
228	Recent development of silica nanoparticles as delivery vectors for cancer imaging and therapy. 2014 , 10, 297-312	116
227	Cellular prion protein imaging analysis with aptamer-labeled Ru(bpy) ₃ ²⁺ -doped silica nanoparticles. 2014 , 59, 147-153	2
226	Rapid and sensitive lateral flow immunoassay for influenza antigen using fluorescently-doped silica nanoparticles. 2014 , 181, 223-230	45
225	Silica-based nanocomposites via reverse microemulsions: classifications, preparations, and applications. 2014 , 6, 4418-37	97
224	Detection of surface pH of paper using a chitosan-modified silica fluorescent nanosensor. 2014 , 195, 252-258	8
223	Enhanced electrochemiluminescence based on Ru(bpy) ₃ ²⁺ -doped silica nanoparticles and graphene composite for analysis of melamine in milk. 2014 , 824, 57-63	30
222	Chemistry, biology, and medicine of fluorescent nanomaterials and related systems: new insights into biosensing, bioimaging, genomics, diagnostics, and therapy. 2014 , 114, 6130-78	561
221	Lectin-tagged fluorescent polymeric nanoparticles for targeting of sialic acid on living cells. 2014 , 15, 2012-8	35
220	Single layer linear array of microbeads for multiplexed analysis of DNA and proteins. 2014 , 54, 297-305	17
219	In vitro and in vivo studies on the transport of PEGylated silica nanoparticles across the blood-brain barrier. 2014 , 6, 2131-6	91

218	CuInS ₂ quantum dots@silica near-infrared fluorescent nanoprobe for cell imaging. 2014 , 38, 90-96		32
217	Sensitive detection of <i>C. parvum</i> using near infrared emitting Ag ₂ S@silica core-shell nanospheres. 2014 , 4, 62399-62403		14
216	Integrated air stream micromixer for performing bioanalytical assays on a plastic chip. 2014 , 14, 3750-61		11
215	Preparation of SiO ₂ /dye luminescent nanoparticles and their application in light-converting films. 2014 , 4, 50086-50090		
214	Synthesis of superparamagnetic carbon nanotubes immobilized Pt and Pd pincer complexes: highly active and selective catalysts towards cyclohexane oxidation with dioxygen. 2014 , 43, 17475-82		17
213	Near-infrared fluorescence amplified organic nanoparticles with aggregation-induced emission characteristics for in vivo imaging. 2014 , 6, 939-45		71
212	Facile Functionalization of Ag@SiO ₂ Core-Shell Metal Enhanced Fluorescence Nanoparticles for Cell Labeling. 2014 , 6, 1598-1602		8
211	Ultrabright NIR fluorescent mesoporous silica nanoparticles. 2014 , 2, 3107-3114		35
210	Amplified fluorescence quenching of lucigenin self-assembled inside silica/chitosan nanoparticles by Cl ⁻ . <i>Analytical Chemistry</i> , 2014 , 86, 9114-21	7.8	20
209	Diffusive Equilibrium Properties of O ₂ in Amorphous SiO ₂ Nanoparticles Probed via Dependence of Concentration on Size and Pressure. 2014 , 118, 18044-18050		
208	Nanocarrier mediated delivery of siRNA/miRNA in combination with chemotherapeutic agents for cancer therapy: current progress and advances. 2014 , 194, 238-56		257
207	Dual labeled Ag@SiO ₂ core-shell nanoparticle based optical immunosensor for sensitive detection of <i>E. coli</i> . 2014 , 45, 337-42		20
206	Preferential site substitution of Eu ³⁺ ions in Ca ₁₀ (PO ₄) ₆ Cl ₂ nanoparticles obtained using a microwave stimulated wet chemistry technique. 2014 , 16, 5308-5318		16
205	Luminescent Ru(bpy) ₃ ²⁺ -doped silica nanoparticles for imaging of intracellular temperature. 2014 , 181, 743-749		19
204	A sensitive signal-off aptasensor for adenosine triphosphate based on the quenching of Ru(bpy) ₃ ²⁺ -doped silica nanoparticles electrochemiluminescence by ferrocene. 2014 , 191, 377-383		22
203	In situ tracking the intracellular delivery of antisense oligonucleotides by fluorescein doped silica nanoparticles. 2014 , 127, 43-50		6
202	Design of porous silica supported tantalum oxide hollow spheres showing enhanced photocatalytic activity. 2014 , 30, 3199-208		28
201	A novel dual-emission ratiometric fluorescent nanoprobe for sensing and intracellular imaging of Zn ²⁺ . 2014 , 61, 397-403		33

200	Antibodies and Antigens: Luminescence of Nanoparticle-Labeled. 2014 , 191-197		
199	A Label-Free Photoluminescence Genosensor Using Nanostructured Magnesium Oxide for Cholera Detection. 2015 , 5, 17384		14
198	The Sequence-Specific Cellular Uptake of Spherical Nucleic Acid Nanoparticle Conjugates. 2015 , 11, 4173-82		47
197	Generation of Multishell Magnetic Hybrid Nanoparticles by Encapsulation of Genetically Engineered and Fluorescent Bacterial Magnetosomes with ZnO and SiO ₂ . 2015 , 11, 4209-17		21
196	Silica nanoparticle-based dual imaging colloidal hybrids: cancer cell imaging and biodistribution. 2015 , 10 Spec Iss, 215-25		5
195	Theranostic mesoporous silica nanoparticles biodegrade after pro-survival drug delivery and ultrasound/magnetic resonance imaging of stem cells. 2015 , 5, 631-42		146
194	Preparation and In Vitro Evaluation of a Multifunctional Iron Silicate@Liposome Nanohybrid for pH-Sensitive Doxorubicin Delivery and Photoacoustic Imaging. 2015 , 2015, 1-13		4
193	Highly sensitive and selective detection of dopamine using one-pot synthesized highly photoluminescent silicon nanoparticles. <i>Analytical Chemistry</i> , 2015 , 87, 3360-5	7.8	185
192	Silica nanoparticles assisted photodegradation of acridine orange in aqueous suspensions. 2015 , 168-169, 363-369		20
191	Nanoparticles silica anchored Cu(II) and V(IV) scorpionate complexes for selective catalysis of cyclohexane oxidation. 2015 , 400, 139-146		19
190	Fluorescent E-conjugated polymer nanoparticles: A new synthetic approach based on nanoagglomeration via polyion association. 2015 , 30, 10-18		2
189	Polyelectrolyte-based electrochemiluminescence enhancement for Ru(bpy) ₃ ²⁺ loaded by SiO ₂ nanoparticle carrier and its high sensitive immunoassay. 2015 , 862, 24-32		10
188	CEA-targeted nanoparticles allow specific in vivo fluorescent imaging of colorectal cancer models. 2015 , 10, 1223-31		26
187	Modulation of Silica Nanoparticle Uptake into Human Osteoblast Cells by Variation of the Ratio of Amino and Sulfonate Surface Groups: Effects of Serum. 2015 , 7, 13821-33		52
186	Immobilization of cholesterol oxidase on magnetic fluorescent core-shell-structured nanoparticles. 2015 , 57, 31-7		16
185	Preparation of brightly fluorescent silica nanoparticles modified with lucigenin and chitosan, and their application to an aptamer-based sandwich assay for thrombin. 2015 , 182, 2193-2199		5
184	Organic Modification of Hydroxylated Nanoparticles: Silica, Sepiolite, and Polysaccharides. 2015 , 1-35		
183	Application of nanomaterials in the bioanalytical detection of disease-related genes. 2015 , 74, 113-33		61

182	Development of organically modified silica nanoparticles for monitoring the intracellular level of oxygen using a frequency-domain FLIM platform. 2015 , 5, 36938-36947	8
181	Quantification of nanoparticle endocytosis based on double fluorescent pH-sensitive nanoparticles. 2015 , 17, 42	8
180	Cytotoxicity of Au, ZnO and SiO ₂ NPs using in vitro assays with mussel hemocytes and gill cells: Relevance of size, shape and additives. 2016 , 10, 185-93	43
179	Fluorescent silica nanoparticles modified chemically with terbium complexes as potential bioimaging probes: their fluorescence and colloidal properties in water. 2015 , 39, 1452-1458	9
178	Bioconjugated fluorescent silica nanoparticles for the rapid detection of Entamoeba histolytica. 2015 , 145, 26-30	7
177	A Novel Electrochemiluminescence Immunosensor for the Analysis of HIV-1 p24 Antigen Based on P-RGO@Au@Ru-SiO ₂ Composite. 2015 , 7, 24438-45	57
176	Utilizing the protein corona around silica nanoparticles for dual drug loading and release. 2015 , 7, 16251-65	24
175	TiO ₂ -B nanorod based competitive-like non-enzymatic photoelectrochemical sensing platform for noninvasive glucose detection. 2015 , 3, 7554-7559	15
174	Dual fluorophore doped silica nanoparticles for cellular localization studies in multiple stained cells. 2015 , 14, 208-16	10
173	Silica-based matrices: State of the art and new perspectives for therapeutic drug delivery. 2015 , 62, 754-64	7
172	A silica-gold-silica nanocomposite for photothermal therapy in the near-infrared region. 2015 , 7, 85-93	14
171	A fluorescence polarization assay for nucleic acid based on the amplification of hybridization chain reaction and nanoparticles. 2015 , 209, 116-121	27
170	Electrocatalytic oxidation of sulfide and electrochemical behavior of chlorpromazine based on organic/inorganic hybrid nanocomposite. 2015 , 396, 245-253	6
169	Stability enhancement of fluorophores for lighting up practical application in bioimaging. 2015 , 44, 4179-84	98
168	Solid silica nanoparticles: applications in molecular imaging. 2015 , 10, 1-17	31
167	Indirect immunofluorescence detection of E. coli O157:H7 with fluorescent silica nanoparticles. 2015 , 66, 95-102	33
166	Synthesis, characterization and biomedical application of multifunctional luminomagnetic core-shell nanoparticles. 2015 , 46, 32-40	26
165	Fluorescent Dyes Used in Polymer Carriers as Imaging Agents in Anticancer Therapy. 2016 , 6,	14

164	Nanostructured Materials: Bioengineering Platforms for Sensing Nucleic Acids. 2016 ,		2
163	Coherent random lasing from liquid waveguide gain layer containing silica nanoparticles. 2016 , 13, 105002		6
162	Lysosomal Dysfunction Caused by Cellular Accumulation of Silica Nanoparticles. 2016 , 291, 14170-14184		65
161	Loading of silicon nanoparticle labels with redox mediators for detection of multiple DNA targets within a single voltammetric sweep. 2016 , 779, 61-66		8
160	The nature of ultrabrightness of nanoporous fluorescent particles with physically encapsulated fluorescent dyes. 2016 , 4, 2197-2210		17
159	Boronate Affinity Fluorescent Nanoparticles for Förster Resonance Energy Transfer Inhibition Assay of cis-Diol Biomolecules. <i>Analytical Chemistry</i> , 2016 , 88, 5088-96	7.8	18
158	Shape, size and composition dependence of efficiency and dynamics of Förster resonance energy transfer in dye-silica nanoconjugates. 2016 , 4, 024003		7
157	Two-Component Orderly Molecular Hybrids of Diphenylanthracene: Modulation of Solid-State Aggregation toward Tunable Photophysical Properties and Highly Enhanced Electrochemiluminescence. 2016 , 4, 2139-2147		39
156	Tunable morphology for silica/poly(acrylic acid) hybrid nanoparticles via facile one-pot synthesis. 2016 , 24, 716-724		5
155	FRET on Surface of Silica Nanoparticle: Effect of Chromophore Concentration on Dynamics and Efficiency. 2016 , 120, 20125-20131		9
154	Stimuli-responsive mesoporous silica nanoparticles for cancer therapy: A review. 2016 , 236, 141-157		113
153	Stable Upconversion Nanohybrid Particles for Specific Prostate Cancer Cell Immunodetection. 2016 , 6, 37533		20
152	A sensitive solid-state electrochemiluminescence sensor for clenbuterol relying on a PtNPs/RuSiNPs/Nafion composite modified glassy carbon electrode. 2016 , 781, 310-314		5
151	Spectroscopic, structural and in vitro cytotoxicity evaluation of luminescent, lanthanide doped core@shell nanomaterials GdVO ₄ :Eu(3+)5%@SiO ₂ @NH ₂ . 2016 , 481, 245-55		40
150	Time-gated luminescence bioimaging with new luminescent nanocolloids based on [Mol(CFCOO)] metal atom clusters. 2016 , 18, 30166-30173		43
149	Exploiting Nanocarriers for Combination Cancer Therapy. 2016 , 375-402		
148	Overcoming Mass-Transport Limitations with Optofluidic Plasmonic Biosensors and Particle Trapping. 2016 , 439-454		
147	Silica encapsulated fluorescein as a hybrid dye for blue-LED based lighting devices. 2016 , 4, 6562-6569		18

146	Surface Enhanced Electrochemiluminescence Immunoassay for Highly Sensitive Detection of Disease Biomarkers in Whole Blood. 2016 , 28, 1783-1786		13
145	The role of surface functionalization of silica nanoparticles for bioimaging. 2016 , 09, 1630005		21
144	A comparative study of three different synthesis routes for hydrophilic fluorophore-doped silica nanoparticles. 2016 , 18, 1		12
143	Inorganic/polymer hybrid nanoparticles for sensing applications. 2016 , 233, 25-37		26
142	FITC-Dextran entrapped and silica coated gadolinium oxide nanoparticles for synchronous optical and magnetic resonance imaging applications. 2016 , 506, 242-52		23
141	Design, synthesis and in vitro evaluation of anticancer and antibacterial potential of surface modified Tb(OH) ₃ @SiO ₂ core-shell nanoparticles. 2016 , 6, 18667-18677		15
140	Electrochemiluminescent Sensing for Caspase-3 Activity Based on Ru(bpy) ₃ (2+)-Doped Silica Nanoprobe. <i>Analytical Chemistry</i> , 2016 , 88, 1922-9	7.8	66
139	Preparation of colloidal solution of silica encapsulating cyanobiphenyl unit-capped ZnO QD emitting in the blue region. 2016 , 45, 886-90		2
138	Electrochemiluminescence sensor for melamine based on a Ru(bpy) ₃ ²⁺ -doped silica nanoparticles/carboxylic acid functionalized multi-walled carbon nanotubes/Nafion composite film modified electrode. 2016 , 146, 844-50		18
137	A new method for the formulation of double nanoemulsions. 2017 , 13, 1660-1669		21
136	Ultrabright fluorescent silica particles with a large number of complex spectra excited with a single wavelength for multiplex applications. 2017 , 9, 4881-4890		8
135	Efficient production of hybrid bio-nanomaterials by continuous microchannel emulsification: Dye-doped SiO ₂ and Au-PLGA nanoparticles. 2017 , 316, 663-672		17
134	Fluorescent sensing of thrombin using a magnetic nano-platform with aptamer-target-aptamer sandwich and fluorescent silica nanoprobe. 2017 , 187, 9-13		10
133	Hierarchical self-assembly of squaraine and silica nanoparticle functionalized with cationic coordination sites for near infrared detection of ATP. 2017 , 7, 43491		4
132	Abnormality Detection in Correlated Gaussian Molecular Nano-Networks: Design and Analysis. 2017 , 16, 189-202		18
131	A multifunctional silver nanocomposite for the apoptosis of cancer cells and intracellular imaging. 2017 , 53, 5614-5617		6
130	Supramolecular interaction of methotrexate with cucurbit[7]uril and analytical application. 2017 , 183, 131-137		15
129	Surface-enhanced molecularly imprinted electrochemiluminescence sensor based on Ru@SiO ₂ for ultrasensitive detection of fumonisin B. 2017 , 96, 55-61		59

128	In Vitro Study of Receptor-Mediated Silica Nanoparticles Delivery across Blood-Brain Barrier. 2017 , 9, 20410-20416	57
127	3.25 Fluorescent Nanoparticles for Biological Imaging. 2017 , 535-548	1
126	Oriented conjugation of antibodies against the epithelial cell adhesion molecule on fluorescently doped silica nanoparticles for flow-cytometric determination and in vivo imaging of EpCAM, a biomarker for colorectal cancer. 2017 , 184, 1941-1950	15
125	Cetuximab conjugated and doxorubicin loaded silica nanoparticles for tumor-targeting and tumor microenvironment responsive binary drug delivery of liver cancer therapy. 2017 , 76, 944-950	33
124	Silica-based Nanoceramics. 2017 , 23-48	
123	Spectrophotometric analysis at the single-cell level: elucidating dispersity within melanic immortalized cell populations. 2017 , 142, 1482-1491	2
122	A New Fluorometric Method for the Determination of Oxaliplatin Based on Cucurbit[7]uril Supramolecular Interaction. 2017 , 70, 677	4
121	Facile scalable synthesis of highly monodisperse small silica nanoparticles using alkaline buffer solution and their application for efficient sentinel lymph node mapping. 2017 , 5, 586-594	22
120	Preparation and characterization of lipid microcapsules coated with SiO ₂ @Al ₂ O ₃ core-shell nanoparticles as carries for lipophilic drug delivery. 2017 , 202, 1-6	9
119	Effective surface modification of MnFe ₂ O ₄ @SiO ₂ @PMIDA magnetic nanoparticles for rapid and high-density antibody immobilization. 2017 , 426, 1023-1029	18
118	Silica-Based Organic-Inorganic Hybrid Nanomaterials for Optical Bioimaging. 2017 , 729-765	
117	Influence of silica surface coating on optical properties of Er ³⁺ -Yb ³⁺ :YMoO ₄ upconverting nanoparticles. 2017 , 327, 838-848	50
116	Development of fluorescent thermoresponsive nanoparticles for temperature monitoring on membrane surfaces. 2017 , 486, 144-152	10
115	Amorphous Silica Particles Relevant in Food Industry Influence Cellular Growth and Associated Signaling Pathways in Human Gastric Carcinoma Cells. 2017 , 7,	8
114	Nanotechnology in Drug Discovery and Development. 2017 , 264-295	0
113	Therapeutic use of monoclonal antibodies: general aspects and challenges for drug delivery. 2017 , 807-833	6
112	Gadolinium nanoparticles as diagnostic and therapeutic agents: Their delivery systems in magnetic resonance imaging and neutron capture therapy. 2018 , 44, 457-466	53
111	In vitro models and systems for evaluating the dynamics of drug delivery to the healthy and diseased brain. 2018 , 273, 108-130	35

110	Supramolecular Assemblies for Transporting Proteins Across an Immiscible Solvent Interface. 2018 , 140, 2421-2425		15
109	One-Step Synthesis of Ultrasmall and Ultrabright Organosilica Nanodots with 100% Photoluminescence Quantum Yield: Long-Term Lysosome Imaging in Living, Fixed, and Permeabilized Cells. 2018 , 18, 1159-1167		83
108	Silica Nanoparticle-Enhanced Fluorescent Sensor Array for Heavy Metal Ions Detection in Colloid Solution. <i>Analytical Chemistry</i> , 2018 , 90, 1628-1634	7.8	50
107	Hydrogen production over the hetero-junction MnO ₂ /SiO ₂ . 2018 , 43, 3418-3423		9
106	S-Nitrosothiols (SNO) as light-responsive molecular activators for post-synthesis fluorescence augmentation in fluorophore-loaded nanospheres. 2018 , 6, 153-164		5
105	Synthesis, characterisation, cellular uptake and cytotoxicity of functionalised magnetic ruthenium (II) polypyridine complex core-shell nanocomposite. 2018 , 178, 270-276		12
104	UCN-SiO-GO: a core shell and conjugate system for controlling delivery of doxorubicin by 980 nm NIR pulse.. 2018 , 8, 37492-37502		
103	Size investigation of silicon nanoclusters deposited on HOPG using noncontact atomic force microscopy. 2018 , 42, 455-469		1
102	Organosilica Nanoparticles and Medical Imaging. 2018 , 44, 137-173		8
101	Nanomaterials in fluorescent laser-based immunosensors: Review and applications. 2018 , 141, 308-323		19
100	One-Pot Green Synthesis of Ultrabright N-Doped Fluorescent Silicon Nanoparticles for Cellular Imaging by Using Ethylenediaminetetraacetic Acid Disodium Salt as an Effective Reductant. 2018 , 10, 27979-27986		41
99	Amplified electrochemiluminescence detection of CEA based on magnetic FeO@Au nanoparticles-assembled Ru@SiO ₂ nanocomposites combined with multiple cycling amplification strategy. 2018 , 118, 115-121		39
98	A Comparative Study of Fluorescein Isothiocyanate-Encapsulated Silica Nanoparticles Prepared in Seven Different Routes for Developing Fingerprints on Non-Porous Surfaces. 2018 , 28, 1049-1058		10
97	Magnetosome Modification: From Bio-Nano Engineering Toward Nanomedicine. 2018 , 1, 1800080		11
96	Encapsulation of cationic iridium(III) tetrazole complexes into a silica matrix: synthesis, characterization and optical properties. 2018 , 42, 9635-9644		5
95	Manipulating the chemical affinity and kinetics of 3D silica particle network via the phase-separation technique. 2018 , 29, 3062-3069		2
94	Modulation and study of photoblinking behavior in dye doped silver-silica core-shell nanoparticles for localization super-resolution microscopy. 2019 , 30, 455704		3
93	Tuning the properties of hybrid SiO ₂ / poly(glycerol monomethacrylate) nanoparticles for enzyme nanoencapsulation. 2019 , 580, 123734		2

92	Formation of functionalized silica-based nanoparticles and their application for extraction and determination of Hg (II) ion in fish samples. 2019 , 300, 125180	16
91	Applications of Nanomaterials and Nanoparticles. 2019 , 565-603	2
90	Dissolution of Silver Nanoparticles in Colloidal Consumer Products: Effects of Particle Size and Capping Agent. 2019 , 21, 1-155	14
89	Dye doped concentric shell nanoparticles for enhanced photophysical performance of downconverting light emitting diodes. 2019 , 556, 753-760	2
88	Nanosilica: Recent Progress in Synthesis, Functionalization, Biocompatibility, and Biomedical Applications. 2019 , 5, 4882-4898	53
87	When Prussian Blue Meets Porous Gold Nanoparticles: A High Signal-to-Background Surface-Enhanced Raman Scattering Probe for Cellular Biomarker Imaging. 2019 , 3, e1900046	4
86	Synthesis of gold nanocluster-loaded lysozyme nanoparticles for label-free ratiometric fluorescent pH sensing: applications to enzyme-substrate systems and cellular imaging. 2019 , 7, 3876-3883	15
85	Silica Nanoparticle Synthesis and Multi-Method Characterisation. 2019 , 947, 82-90	2
84	The synthesis of PEI core@silica shell nanoparticles and its application for sensitive electrochemical detecting mi-RNA. 2019 , 198, 534-541	5
83	Neutral Dye-Doped Silica Nanoparticles for Electrogenenerated Chemiluminescence Signal Amplification. 2019 , 123, 5686-5691	9
82	Electrochemiluminescence resonance energy transfer for both Turn-off and Turn-on detection of 2,4,6-trinitrophenol and Turn-on detection of lidocaine hydrochloride using luminol-doped silica nanoparticles. 2019 , 287, 445-452	10
81	Toxicological considerations of clinically applicable nanoparticles. 2019 , 425-483	1
80	Ultrabright fluorescent silica nanoparticles for in vivo targeting of xenografted human tumors and cancer cells in zebrafish. 2019 , 11, 22316-22327	11
79	Study on electrochromic-fluorescence switching performance of film based on silicomolybdate and silica nanoparticles doped with negative charged dye. 2019 , 855, 113623	1
78	Sensitive electrogenerated chemiluminescence biosensing method for the determination of DNA hydroxymethylation based on Ru(bpy)-doped silica nanoparticles labeling and MoS ₂ -poly(acrylic acid) nanosheets modified electrode. 2019 , 191, 350-356	17
77	Other Nanomaterials. 2019 , 91-111	2
76	Advances in Receptor-Mediated, Tumor-Targeted Drug Delivery. 2019 , 2, 1800091	76
75	Fabrication of highly fluorescent multiple Fe ₃ O ₄ nanoparticles core-silica shell nanoparticles. 2019 , 21,	25

74	An improved class of fluorescent silica nanoparticles for indirect immunofluorescence detection of MCF-7 cells. 2019 , 88, 147-154	3
73	Electrochemiluminescent sensor based on Ru(bpy) ₃ ²⁺ -doped silica nanoprobe by incorporating a new co-reactant NBD-amine for selective detection of hydrogen sulfide. 2019 , 284, 451-455	15
72	Interfacial uploading of luminescent hexamolybdenum cluster units onto amino-decorated silica nanoparticles as new design of nanomaterial for cellular imaging and photodynamic therapy. 2019 , 538, 387-396	21
71	Nanoparticles: Properties, applications and toxicities. 2019 , 12, 908-931	1928
70	Boron nitride quantum dots as electrochemiluminescence coreactants of rGO@Au@RuBiO ₂ for label-free detection of AFP in human serum. 2020 , 335, 135621	19
69	Preparation of 1, 3, 6, 8-Pyrenesulfonic Acid Tetrasodium Salt Dye-Doped Silica Nanoparticles and Their Application in Water-Based Anti-Counterfeit Ink. 2020 , 13,	2
68	Centrifugal microfluidic lab-on-a-chip system with automated sample lysis, DNA amplification and microarray hybridization for identification of enterohemorrhagic culture isolates. 2020 , 145, 6831-6845	11
67	Characterization of magnetic Fe ₃ O ₄ @SiO ₂ nanoparticles with fluorescent properties for potential multipurpose imaging and theranostic applications. 2020 , 31, 18278-18288	9
66	Ultrabright Fluorescent Silica Nanoparticles for Multiplexed Detection. 2020 , 10,	3
65	Mesoporous Silica Nanoparticles for Bio-Applications. 2020 , 7,	48
64	Use of Cotton Textiles Coated by Ir(III) Tetrazole Complexes within Ceramic Silica Nanophases for Photo-Induced Self-Marker and Antibacterial Application. 2020 , 10,	1
63	Photobleaching of organic fluorophores: quantitative characterization, mechanisms, protection. 2020 , 8, 022001	75
62	Lipid nanocarriers: Formulation, properties, and applications. 2020 , 355-382	2
61	Constructing a Local Hydrophobic Cage in Dye-Doped Fluorescent Silica Nanoparticles to Enhance the Photophysical Properties. 2020 , 6, 747-759	22
60	Design of a ratiometric fluorescence sensor based on metal organic frameworks and Ru(bpy) ₃ -doped silica composites for 17β-Estradiol detection. 2021 , 583, 50-57	8
59	Opportunities and Challenges of Silicon-based Nanoparticles for Drug Delivery and Imaging. 2021 , 291-337	2
58	. 2021 ,	0
57	Enhanced photophysical properties of silica-methylene blue@amorphous carbon as fluorochromes with modulated Raman-active vibration modes. 2021 , 406, 112987	2

56	Effect of silicon dioxide nanoparticles on the assessment of quercetin flavonoid using Rhodamine B Isothiocyanate dye. 2021 , 323, 114607		13
55	Design and synthesis of Core-Shell Zn@SiO ₂ Nanoparticles and its photocatalytic performance. 2021 , 36, 907-913		1
54	Nanostructured Materials and their Applications. 2021 ,		
53	Optimization of the Precipitated Magnetite, Stoichiometry and Composites for Enhanced Stabilization. 2021 , 285-305		0
52	A simple fluorescence-based lateral flow test platform for rapid influenza B virus screening. 2021 , 13, 1687-1694		2
51	Study on the Biosensor Based on Biomimetic PDA Vesicles Fluorescence Resonance Energy Transfer for the Determination of Ovarian Cancer Marker miRNA-21. 2021 , 37, 1349-1353		0
50	Uptake of Metal (Zn, Y, Ti) Oxide Nanoparticles by Poaceae and Cucurbitaceae Plants Based On Metal Properties and Surface Conditions. 2021 , 125, 1755-1759		
49	Detection of MUC1 protein on tumor cells and their derived exosomes for breast cancer surveillance with an electrochemiluminescence aptasensor. 2021 , 882, 115011		7
48	Ultrabright Fluorescent Silica Nanoparticles for Dual pH and Temperature Measurements. 2021 , 11,		2
47	Synthesis of Silica Nanoparticles with Physical Encapsulation of Near-Infrared Fluorescent Dyes and Their Tannic Acid Coating. 2021 , 6, 17651-17659		1
46	Diatoms with Invaluable Applications in Nanotechnology, Biotechnology, and Biomedicine: Recent Advances. 2021 , 7, 3053-3068		28
45	Nanotechnology and Nanoparticles. 2021 , 1-20		
44	Light Scattering and Luminophore Enrichment-Enhanced Electrochemiluminescence by a 2D Porous Ru@SiO Nanoparticle Membrane and Its Application in Ultrasensitive Detection of Prostate-Specific Antigen. <i>Analytical Chemistry</i> , 2021 , 93, 11641-11647	7.8	9
43	Biochemical and histological alterations induced by nickel oxide nanoparticles in the ground beetle <i>Blaps polychresta</i> (Forskl, 1775) (Coleoptera: Tenebrionidae). 2021 , 16, e0255623		1
42	Nanostructured Materials: Bioengineering Platforms for Sensing Nucleic Acids. 2021 ,		0
41	Properties of Nanomaterials and Environment. 2021 , 89-104		
40	Biogenic nanoparticles: synthesis, mechanism, characterization and applications. 2021 , 27-42		4
39	(Super)paramagnetic Nanoparticles: Applications in Noninvasive MR Imaging of Stem Cell Transfer. 2008 , 91-140		3

38	Fluorescent nanoparticle for bacteria and DNA detection. 2007 , 620, 129-35	12
37	Applications of Nanotechnology in Developing Biosensors for Food Safety. 2015 , 1103-1136	1
36	Organic Nanomaterials with Two-Photon Absorption Properties for Biomedical Applications. 2016 , 25-50	3
35	Functionalized gold nanoparticles: promising and efficient diagnostic and therapeutic tools for HIV/AIDS. 2020 , 11, 1252-1266	19
34	- Enhancement Techniques for Fingerprints in Blood. 2012 , 236-257	9
33	High Transformation Efficiency of Escherichia coli with Plasmids by Adding Amino Modified Silica-nanoparticles. 2006 , 5, 341-343	1
32	Surface Plasmon Enhanced Photoluminescence of Rhodamine B Confined in SBA15. 2011 , 32, 3861-3864	7
31	Nanobiotechnology. 2004 ,	
30	Coordinated Biosensors: Integrated Systems for Ultrasensitive Detection of Biomarkers.	2
29	Bionanotechnology for Bioanalysis. 2008 ,	
28	The Emergence of Magnetic and Fluorescent Multimodal Nanoparticles as Contrast Agents in Bioimaging. 2008 , 353-392	
27	FloDots for Bioimaging and Bioanalysis. 2008 , 255-282	
26	Fluorescence Reporting Based on FRET Between Conjugated Polyelectrolyte and Organic Dye for Biosensor Applications. 2010 , 417-453	2
25	Nanotechnology-Based Biomarker Detection. 1	
24	Optical Signaling with Silica Nanoparticles. 351-376	
23	Use of Nanotechnology for Enhancing of Cancer Biomarker Discovery and Analysis: A Molecular Approach. 175-192	
22	Bio-Microarrays. 382-390	
21	Aethonium as an effective solubilizing agent for water in an organic solvent. 2015 , 127-131	

- 20 Organic Modification of Hydroxylated Nanoparticles: Silica, Sepiolite, and Polysaccharides. **2016**, 1061-1100
- 19 Theoretical study on the optical response features of silver nanoparticles and arrays. **2016**, 65, 207802
- 18 Properties of Nanomaterials and Environment. **2019**, 28-43
- 17 Tumor Diagnosis Patterns. **2020**, 87-133
- 16 Comparative expression profile of some putative resistance genes of chickpea genotypes in response to ascomycete fungus, *Ascochyta rabiei* (Pass.) Labr.. **2020**, 43, 123-130 1
- 15 Molecular Imaging. **2008**, 1381-1410 0
- 14 Conjugation of Monoclonal Antibodies to Super Paramagnetic Iron Oxide Nanoparticles for Detection of her2/neu Antigen on Breast Cancer Cell Lines. **2009**, 1, 27-31 25
- 13 Carbohydrate-conjugated fluorescent silica nanoprobe for selective detection of galectin-1 and prostate cancer cells. **2015**, 4, 1
- 12 Nanotechnology-enabled phytodiagnosics on the brink of farm usage. **2022**, 263-285
- 11 How the Physicochemical Properties of Manufactured Nanomaterials Affect Their Performance in Dispersion and Their Applications in Biomedicine: A Review.. **2022**, 12, 2
- 10 Selective Detection of Silver Ions Based on Resonance Rayleigh Scattering Spectrometry Using Colloidal Silica Nanoparticles. 1
- 9 Membranes from Polymerizable Lipids. **2009**, 1-42
- 8 The combination of highly efficient resonance energy transfer in one nanocomposite and ferrocene-quenching for ultrasensitive electrochemiluminescence bioanalysis.. **2022**, 210, 114347 0
- 7 Tailoring Chitosan Nanocomposites for Planar Optical Waveguide Applications. 0
- 6 RuSiO₂@Ag CoreShell Nanoparticles for Plasmon Resonance Energy Transfer-Based Electrochemiluminescence Sensing of Glucose and Adenosine Triphosphate. 0
- 5 Modification of Silicon Dioxide with Variously Substituted minothiocalix[4]arenes: Organic/Inorganic Nanoparticles or Nucleic Acid Binding. **2022**, 58, 1141-1153 0
- 4 Fluorescent silica nanoparticles as an internal marker in fruit flies and their effects on survivorship and fertility. **2022**, 12, 0
- 3 Gene Expression Analysis of some Resistance Genes in *Ascochyta* Blight Infected Chickpea (*Cicer arietinum*). **2021**, 13, 169-178 0

2 Inorganic nanosystems for imaging diagnostics. **2023**, 549-588

○

1 Highly bright full-color emission from dye-doped silica nanoparticles with prevention of dye self-quenching. **2023**, 139, 113803

○