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## Targeting nanoparticles to cancer

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698	Magnetoliposomes as multimodal contrast agents for molecular imaging and cancer nanotheragnostics. <b>2011</b> , 6, 529-44		79
697	Enhanced cellular uptake of folic acid-conjugated PLGA-PEG nanoparticles loaded with vincristine sulfate in human breast cancer. <b>2011</b> , 37, 1339-46		27
696	Polymer nanoparticles. <b>2011</b> , 104, 299-323		83
695	Opportunities and pitfalls of cancer imaging in clinical trials. <b>2011</b> , 8, 517-27		28
694	Targeted delivery of cargoes into a murine solid tumor by a cell-penetrating peptide and cleavable poly(ethylene glycol) comodified liposomal delivery system via systemic administration. <b>2011</b> , 8, 2151-61		58

693	Host-guest chemistry of dendrimer-drug complexes. 6. Fully acetylated dendrimers as biocompatible drug vehicles using dexamethasone 21-phosphate as a model drug. <b>2011</b> , 115, 2185-95	49
692	Toxicology of nanomaterials used in nanomedicine. <b>2011</b> , 14, 593-632	196
691	Dendrimer pharmacokinetics: the effect of size, structure and surface characteristics on ADME properties. <b>2011</b> , 6, 1063-84	145
690	Suitable carriers for encapsulation and distribution of endostar: comparison of endostar-loaded particulate carriers. <b>2011</b> , 6, 1535-41	10
689	Targeting of nanoparticles in cancer: drug delivery and diagnostics. <b>2011</b> , 22, 949-62	88
688	Bibliography. Neonatology and perinatology. Current world literature. <b>2011</b> , 23, 253-7	
687	Active tumor targeting of nanomaterials using folic acid, transferrin and integrin receptors. <b>2011</b> , 8, 197-206	43
686	Effective encapsulation of a new cationic gadolinium chelate into apoferritin and its evaluation as an MRI contrast agent. <b>2011</b> , 7, 638-46	31
685	Novel water-soluble and pH-responsive anticancer drug nanocarriers: doxorubicin-PAMAM dendrimer conjugates attached to superparamagnetic iron oxide nanoparticles (IONPs). <b>2011</b> , 363, 403-9	98
684	Spacer length effects on in vitro imaging and surface accessibility of fluorescent inhibitors of prostate specific membrane antigen. <b>2011</b> , 21, 7013-6	27
683	Recent Advances in Dynamic Monitoring of Drug Release of Nanoparticle Using Förster Resonance Energy Transfer and Fluorescence Lifetime Imaging. <b>2011</b> , 58, 798-804	6
682	Design of biocompatible dendrimers for cancer diagnosis and therapy: current status and future perspectives. <b>2011</b> , 40, 2673-703	423
681	Cancer cell invasion: treatment and monitoring opportunities in nanomedicine. <b>2011</b> , 63, 582-96	99
680	Translational imaging of lymphatics in cancer. <b>2011</b> , 63, 956-62	11
679	Liposomal nanostructures for photosensitizer delivery. <b>2011</b> , 43, 734-48	77
678	Cell specific peptide-conjugated polysaccharide nanogels for protein delivery. <b>2011</b> , 11, 882-8	43
677	Simple and Efficient: Ethylene Glycol Isonitrile Gold(I) Chlorides for the Formation and Stabilization of Gold Nanoparticles. <b>2011</b> , 2011, 4421-4428	9
676	Multifunctional Nanoparticles for Targeted Chemophotothermal Treatment of Cancer Cells. <b>2011</b> , 123, 7723-7728	16

675	Multifunctional nanoparticles for targeted chemophotothermal treatment of cancer cells. <b>2011</b> , 50, 7581-6	83
674	Novel antifouling oligo(ethylene glycol) methacrylate particles via surfactant-free emulsion polymerization. <b>2011</b> , 355, 76-80	8
673	Au nanoparticles stabilised by PEGylated low generation PAMAM dendrimers: design, characterisation and properties. <b>2011</b> , 359, 454-60	16
672	Nanoparticles in oncology: the new theragnostic molecules. <b>2011</b> , 11, 669-86	31
671	Nanomedicine as an emerging approach against intracellular pathogens. <b>2011</b> , 6, 3281-93	78
670	Nanotechnologies for Curcumin: An Ancient Puzzler Meets Modern Solutions. <b>2011</b> , 2011, 1-8	23
669	Nanomedicines based on recombinant fusion proteins for targeting therapeutic siRNA oligonucleotides. <b>2011</b> , 2, 891-905	21
668	Assessment of the evolution of cancer treatment therapies. <b>2011</b> , 3, 3279-330	398
667	Superparamagnetic Nanoparticles and RNAi-Mediated Gene Silencing: Evolving Class of Cancer Diagnostics and Therapeutics. <b>2012</b> , 2012, 1-15	7
666	Biocompatibility, endocytosis, and intracellular trafficking of mesoporous silica and polystyrene nanoparticles in ovarian cancer cells: effects of size and surface charge groups. <b>2012</b> , 7, 4147-58	78
665	Use of a polyol liquid collection medium to obtain ultrasmall magnetic nanoparticles by laser pyrolysis. <b>2012</b> , 23, 425605	26
664	Effect of contact angle on the morphology of different polymer-solvent systems produced by AAO templates. <b>2012</b> ,	
663	Zinc oxide nanoparticles selectively induce apoptosis in human cancer cells through reactive oxygen species. <b>2012</b> , 7, 845-57	348
662	Bio-modified Fe <sub>3</sub> O <sub>4</sub> core/Au shell nanoparticles for targeting and multimodal imaging of cancer cells. <b>2012</b> , 22, 470-477	124
661	Therapeutic nanosystems for oncology nanomedicine. <b>2012</b> , 14, 883-90	18
660	"Targeting" nanoparticles: the constraints of physical laws and physical barriers. <b>2012</b> , 164, 115-24	135
659	Delivery and biodistribution of siRNA for cancer therapy: challenges and future prospects. <b>2012</b> , 3, 245-61	37
658	Preparation and characterization of teniposide PLGA nanoparticles and their uptake in human glioblastoma U87MG cells. <b>2012</b> , 436, 815-24	32

657	Targeting strategies for multifunctional nanoparticles in cancer imaging and therapy. <b>2012</b> , 2, 3-44	629
656	Role of cell cycle on the cellular uptake and dilution of nanoparticles in a cell population. <b>2011</b> , 7, 62-8	454
655	Nanotheranostics for personalized medicine. <b>2012</b> , 64, 1394-416	349
654	Biodegradable PLGA-b-PEG polymeric nanoparticles: synthesis, properties, and nanomedical applications as drug delivery system. <b>2012</b> , 14, 1	131
653	Gravimetric determination of phospholipid concentration. <b>2012</b> , 165, 689-95	13
652	Blood-pool multifunctional nanoparticles formed by temperature-induced phase transition for cancer-targeting therapy and molecular imaging. <b>2012</b> , 437, 192-202	7
651	Gold nanoparticles generated by thermolysis of "all-in-one" gold(I) carboxylate complexes. <b>2012</b> , 41, 2738-46	25
650	Production and characterization of anisotropic particles from biodegradable materials. <b>2012</b> , 28, 3756-65	25
649	Nanoparticulate systems as drug carriers: the need. <b>2012</b> , 1-28	2
648	Preparation and in vitro evaluation of meloxicam-loaded PLGA nanoparticles on HT-29 human colon adenocarcinoma cells. <b>2012</b> , 38, 1107-16	27
647	Synthesis of chitosan-coated near-infrared layered double hydroxide nanoparticles for in vivo optical imaging. <b>2012</b> , 22, 5503	59
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644	Aptamer-dendrimer bioconjugate: a nanotool for therapeutics, diagnosis, and imaging. <b>2012</b> , 9, 1273-88	21
643	Monosaccharides versus PEG-functionalized NPs: influence in the cellular uptake. <b>2012</b> , 6, 1565-77	118
642	PAMAM dendrimer-drug interactions: effect of pH on the binding and release pattern. <b>2012</b> , 116, 4370-6	91
641	Glutathione-mediated release of Bodipy <sup>FL</sup> from PEG cofunctionalized gold nanoparticles. <b>2012</b> , 7, 4007-22	30
640	Folate-PEG-superparamagnetic iron oxide nanoparticles for lung cancer imaging. <b>2012</b> , 8, 3005-13	91

639	Fighting fire with fire: poisonous Chinese herbal medicine for cancer therapy. <b>2012</b> , 140, 33-45	127
638	Folic acid and cell-penetrating peptide conjugated PLGA-PEG bifunctional nanoparticles for vincristine sulfate delivery. <b>2012</b> , 47, 430-43	74
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636	New Nanobiotechnological Strategies for the Development of Vectors for Cancer Vaccines. <b>2012</b> , 391-421	
635	RGD-based strategies to target alpha(v) beta(3) integrin in cancer therapy and diagnosis. <b>2012</b> , 9, 2961-73	658
634	Recent advances in various emerging vesicular systems: An overview. <b>2012</b> , 2, S1176-S1188	21
633	Nitric oxide release: part I. Macromolecular scaffolds. <b>2012</b> , 41, 3731-41	318
632	Utility and Potential Application of Nanomaterials in Medicine. <b>2012</b> , 215-262	4
631	Challenges in design of translational nanocarriers. <b>2012</b> , 164, 156-69	191
630	Recent advances in nanoparticle-based Förster resonance energy transfer for biosensing, molecular imaging and drug release profiling. <b>2012</b> , 13, 16598-623	106
629	Gold nanoparticles as computerized tomography (CT) contrast agents. <b>2012</b> , 2, 12515	106
628	Hydration forces as a tool for the optimization of core-shell nanoparticle vectors for cancer gene therapy. <b>2012</b> , 8, 12080	17
627	Hydrogels for protein delivery. <b>2012</b> , 112, 2853-88	836
626	PEGylated liposomal doxorubicin targeted to E-cadherin-expressing MDA-MB-231 breast cancer cells. <b>2012</b> , 28, 4729-36	63
625	A realistic utilization of nanotechnology in molecular imaging and targeted radiotherapy of solid tumors. <b>2012</b> , 177, 483-95	12
624	Application of liposome encapsulation technique to improve anti-carcinoma effect of resveratrol. <b>2012</b> , 38, 314-22	30
623	Dual Targeting of Tumor Cells with Bispecific Single-Chain Fv-Immunoliposomes. <b>2012</b> , 1, 199-214	23
622	Transferrin coated nanoparticles: study of the bionano interface in human plasma. <b>2012</b> , 7, e40685	74

621	Targeted Nanoparticles for Cancer Therapy. <b>2012,</b>	10
620	Medicinal chemistry and nanomedicine for reproductive cancer therapeutics. <b>2012, 4, 2029-44</b>	
619	Liver cell specific targeting by the preS1 domain of hepatitis B virus surface antigen displayed on protein nanocages. <b>2012, 7, 4353-62</b>	22
618	Doxorubicin-conjugated PEGylated dendrimers show similar tumoricidal activity but lower systemic toxicity when compared to PEGylated liposome and solution formulations in mouse and rat tumor models. <b>2012, 9, 422-32</b>	59
617	Nanoparticle delivery of cancer drugs. <b>2012, 63, 185-98</b>	1176
616	Multicolor core/shell silica nanoparticles for in vivo and ex vivo imaging. <b>2012, 4, 824-30</b>	49
615	Delivery of small interfering RNA by peptide-targeted mesoporous silica nanoparticle-supported lipid bilayers. <b>2012, 6, 2174-88</b>	185
614	Fast and selective cancer cell uptake of therapeutic gold nanorods by surface modifications with phosphorylcholine and Tat. <b>2012, 22, 13969</b>	15
613	Nanocarrier systems for delivery of siRNA to ovarian cancer tissues. <b>2012, 9, 743-54</b>	6
612	Sensitivity of A-549 human lung cancer cells to nanoporous zinc oxide conjugated with Photofrin. <b>2012, 27, 607-14</b>	18
611	New developments and opportunities in oral mucosal drug delivery for local and systemic disease. <b>2012, 64, 16-28</b>	194
610	Physico-chemical parameters that govern nanoparticles fate also dictate rules for their molecular evolution. <b>2012, 64, 179-89</b>	155
609	A pharmaceutical study of doxorubicin-loaded PEGylated nanoparticles for magnetic drug targeting. <b>2012, 423, 16-25</b>	92
608	Doxorubicin and MBO-asGCS oligonucleotide loaded lipid nanoparticles overcome multidrug resistance in adriamycin resistant ovarian cancer cells (NCI/ADR-RES). <b>2012, 431, 222-9</b>	27
607	Polyethylene glycol-conjugated hyaluronic acid-ceramide self-assembled nanoparticles for targeted delivery of doxorubicin. <b>2012, 33, 1190-200</b>	215
606	In vitro biocompatibility of solid lipid nanoparticles. <b>2012, 432, 382-8</b>	32
605	A comparison of changes to doxorubicin pharmacokinetics, antitumor activity, and toxicity mediated by PEGylated dendrimer and PEGylated liposome drug delivery systems. <b>2012, 8, 103-11</b>	132
604	PLGA-based nanoparticles: an overview of biomedical applications. <b>2012, 161, 505-22</b>	2194

603	Drug nanocrystals: In vivo performances. <b>2012</b> , 160, 418-30	228
602	SPECT/CT imaging of radiolabeled cubosomes and hexosomes for potential theranostic applications. <b>2013</b> , 34, 8491-503	65
601	Polyarginine nanocapsules: a new platform for intracellular drug delivery. <b>2013</b> , 15, 1	40
600	Design of Au/SPIO composite nanoparticle for facile and biocompatible surface functionalization via AuS bond. <b>2013</b> , 15, 1	2
599	Delivering flavonoids into solid tumors using nanotechnologies. <b>2013</b> , 10, 1411-28	33
598	Morpholino-decorated long circulating polymeric micelles with the function of surface charge transition triggered by pH changes. <b>2013</b> , 49, 7286-8	25
597	Proper design of silica nanoparticles combines high brightness, lack of cytotoxicity and efficient cell endocytosis. <b>2013</b> , 5, 7897-905	44
596	Gadolinium-coordinated elastic nanogels for in vivo tumor targeting and imaging. <b>2013</b> , 34, 6846-52	53
595	Cross-linked hyaluronic acid sub-micron particles: in vitro and in vivo biodistribution study in cancer xenograft model. <b>2013</b> , 24, 1473-81	28
594	Boron nitride nanotubes coated with organic hydrophilic agents: stability and cytocompatibility studies. <b>2013</b> , 33, 4616-23	34
593	Perspectives of nanotechnology in minimally invasive therapy of breast cancer. <b>2013</b> , 4, 67-86	15
592	Optimizing taxane use in MBC in the emerging era of targeted chemotherapy. <b>2013</b> , 85, 315-31	20
591	Functional iron oxide magnetic nanoparticles with hyperthermia-induced drug release ability by using a combination of orthogonal click reactions. <b>2013</b> , 52, 14152-6	126
590	Using fluorescence lifetime imaging microscopy to monitor theranostic nanoparticle uptake and intracellular doxorubicin release. <b>2013</b> , 7, 10175-89	140
589	Nanomedicine therapeutic approaches to overcome cancer drug resistance. <b>2013</b> , 65, 1866-79	489
588	Role of new pharmaceutical technologies in enhancing the selectivity of antitumor drugs. <b>2013</b> , 83, 2541-2547 1	
587	PEGylated liposomal Gemcitabine: insights into a potential breast cancer therapeutic. <b>2013</b> , 36, 449-57	22
586	Etoposide encapsulation in surface-modified poly(lactide-co-glycolide) nanoparticles strongly enhances glioma antitumor efficiency. <b>2013</b> , 101, 1319-27	22

585	Current trends in the use of liposomes for tumor targeting. <b>2013</b> , 8, 1509-28	411
584	Photo synthesis of protein-based drug-delivery nanoparticles for active tumor targeting. <b>2013</b> , 1, 1216-1222	15
583	Delivery of therapeutic nucleic acids via transferrin and transferrin receptors: lipoplexes and other carriers. <b>2013</b> , 10, 1583-91	33
582	Factors controlling the pharmacokinetics, biodistribution and intratumoral penetration of nanoparticles. <b>2013</b> , 172, 782-94	657
581	Nanoparticles targeting mechanisms in cancer therapy: current limitations and emerging solutions. <b>2013</b> , 4, 1197-209	10
580	Recent trends in the use of lipidic nanoparticles as pharmaceutical carriers for cancer therapy and diagnostics. <b>2013</b> , 1, 5201-5209	34
579	Synergistic antitumor activity from two-stage delivery of targeted toxins and endosome-disrupting nanoparticles. <b>2013</b> , 14, 1093-102	15
578	Theoretical study of amino derivatives and anticancer platinum drug grafted on various carbon nanostructures. <b>2013</b> , 139, 174704	11
577	Anti-tumor efficacy of chitosan-g-poly(ethylene glycol) nanocapsules containing docetaxel: anti-TMEFF-2 functionalized nanocapsules vs. non-functionalized nanocapsules. <b>2013</b> , 83, 330-7	37
576	Encyclopedia of Biophysics. <b>2013</b> , 1686-1691	2
575	Application of drug nanocrystal technologies on oral drug delivery of poorly soluble drugs. <b>2013</b> , 30, 307-24	151
574	Gold nanoparticles: emerging paradigm for targeted drug delivery system. <b>2013</b> , 31, 593-606	250
573	Therapeutic benefits from nanoparticles: the potential significance of nanoscience in diseases with compromise to the blood brain barrier. <b>2013</b> , 113, 1877-903	160
572	Cellular internalization pathway and transcellular transport of pegylated polyester nanoparticles in Caco-2 cells. <b>2013</b> , 445, 58-68	43
571	Design strategies of hybrid metallic nanoparticles for theragnostic applications. <b>2013</b> , 24, 432002	25
570	Matrigel alters the pathophysiology of orthotopic human breast adenocarcinoma xenografts with implications for nanomedicine evaluation. <b>2013</b> , 9, 795-805	13
569	Strategies to target tumors using nanodelivery systems based on biodegradable polymers, aspects of intellectual property, and market. <b>2012</b> , 6, 7-23	18
568	Nanoemulsions: Preparation, Stability and Application in Biosciences. <b>2013</b> , 1-58	

567	Multifunctional Polymeric Nanostructures for Therapy and Diagnosis. <b>2013</b> , 59-97	
566	Fluorescence imaging of cancer tissue based on metal-free polymeric nanoparticles - a review. <b>2013</b> , 1, 1994-2007	83
565	Maltoheptaose promotes nanoparticle internalization by Escherichia coli. <b>2013</b> , 49, 3034-6	40
564	Multifunctional nanomedicines: potentials and prospects. <b>2013</b> , 3, 479-97	11
563	Selective killing of cancer cells by iron oxide nanoparticles mediated through reactive oxygen species via p53 pathway. <b>2013</b> , 15, 1	42
562	Formulation development of albumin based theragnostic nanoparticles as a potential delivery system for tumor targeting. <b>2013</b> , 21, 77-86	31
561	Enhanced loading of doxorubicin into polymeric micelles by a combination of ionic bonding and hydrophobic effect, and the pH-sensitive and ligand-mediated delivery of loaded drug. <b>2013</b> , 73, 564-572	19
560	Environmental pH-sensitive polymeric micelles for cancer diagnosis and targeted therapy. <b>2013</b> , 169, 180-4	151
559	Encyclopedia of Biophysics. <b>2013</b> , 1706-1706	0
558	Synthesis and characterization of magnetoliposomes for MRI contrast enhancement. <b>2013</b> , 446, 183-90	31
557	Encyclopedia of Biophysics. <b>2013</b> , 1686-1686	
556	The Effects of Engineered Nanomaterials on Cultured Endothelial Cells. <b>2013</b> , 207-261	
555	Tetraiodothyroacetic acid-conjugated PLGA nanoparticles: a nanomedicine approach to treat drug-resistant breast cancer. <b>2013</b> , 8, 1943-54	53
554	Chapter 11: Polymer-Based Prodrugs for Cancer Chemotherapy. <b>2013</b> , 245-260	3
553	Polydopamine-based surface modification for the development of peritumorally activatable nanoparticles. <b>2013</b> , 30, 1956-67	52
552	In vitro and in vivo evaluation of lipofufol, a new triple stealth liposomal formulation of modulated 5-fu: impact on efficacy and toxicity. <b>2013</b> , 30, 1281-90	11
551	Encyclopedia of Biophysics. <b>2013</b> , 1724-1727	
550	Assessing the in vivo targeting efficiency of multifunctional nanoconstructs bearing antibody-derived ligands. <b>2013</b> , 7, 6092-102	63

549	The Profile of Payload Release from Gold Nanoparticles Modified with a BODIPY /PEG Mixed Monolayer. <b>2013</b> , 25, 16-30	6
548	Gold nanoparticles functionalized with a fragment of the neural cell adhesion molecule L1 stimulate L1-mediated functions. <b>2013</b> , 5, 10605-17	22
547	A pH-responsive Helical cell penetrating peptide-mediated liposomal delivery system. <b>2013</b> , 34, 7980-93	136
546	New generation of magnetic and luminescent nanoparticles for in vivo real-time imaging. <b>2013</b> , 3, 20120103	24
545	PET Imaging and biodistribution of chemically modified bacteriophage MS2. <b>2013</b> , 10, 69-76	68
544	Self-assembled liposomal nanoparticles in photodynamic therapy. <b>2013</b> , 5,	40
543	Delivery of RNA and its intracellular translation into protein mediated by SDS-CTAB vesicles: potential use in nanobiotechnology. <b>2013</b> , 2013, 734596	20
542	Liposomes as Carriers of Anticancer Drugs. <b>2013</b> ,	5
541	Monocytes and macrophages as nanomedicinal targets for improved diagnosis and treatment of disease. <b>2013</b> , 13, 567-80	72
540	Chemical and colloidal stability of carboxylated core-shell magnetite nanoparticles designed for biomedical applications. <b>2013</b> , 14, 14550-74	59
539	Functional Iron Oxide Magnetic Nanoparticles with Hyperthermia-Induced Drug Release Ability by Using a Combination of Orthogonal Click Reactions. <b>2013</b> , 125, 14402-14406	18
538	PEGylation and zwitterionization: pros and cons in the renal clearance and tumor targeting of near-IR-emitting gold nanoparticles. <b>2013</b> , 52, 12572-6	203
537	PEGylation and Zwitterionization: Pros and Cons in the Renal Clearance and Tumor Targeting of Near-IR-Emitting Gold Nanoparticles. <b>2013</b> , 125, 12804-12808	62
536	Use of Nanotechnology to Develop Multi-Drug Inhibitors For Cancer Therapy. <b>2013</b> , 4,	38
535	Developments in the use of nanocapsules in oncology. <b>2013</b> , 46, 486-501	20
534	Crosstalk between Fibroblast Growth Factor (FGF) Receptor and Integrin through Direct Integrin Binding to FGF and Resulting Integrin-FGF-FGFR Ternary Complex Formation. <b>2013</b> , 1, 20-36	6
533	Gold Nanoparticles - Synthesis and Applications in Cancer Management. <b>2014</b> , 7, 8-25	6
532	Utilizing liposomes and lipid nanoparticles to overcome challenges in breast cancer treatment. <b>2014</b> , 9, 571-585	2

531	Functional Nanomaterials for Multifarious Nanomedicine. <b>2014</b> , 141-197	5
530	Fluorescent carbon dots as an efficient siRNA nanocarrier for its interference therapy in gastric cancer cells. <b>2014</b> , 12, 58	91
529	Surface modification and evaluation of PLGA nanoparticles: the effects on cellular uptake and cell proliferation on the HT-29 cell line. <b>2014</b> , 24, 166-172	13
528	The baffling human body and the boundless nanomaterial boon-a trap for cancer crab. <b>2014</b> , 8, ZE09-12	
527	Current and future lymphatic imaging modalities for tumor staging. <b>2014</b> , 2014, 714674	
526	Targeted delivery system of nanobiomaterials in anticancer therapy: from cells to clinics. <b>2014</b> , 2014, 814208	46
525	Nonlinear effects of nanoparticles: biological variability from hormetic doses, small particle sizes, and dynamic adaptive interactions. <b>2014</b> , 12, 202-32	42
524	Multifunctional Nanoparticles in Radiation Oncology: An Emerging Paradigm. <b>2014</b> , 75-106	1
523	The application of nanosponges to cancer drug delivery. <b>2014</b> , 11, 931-41	74
522	Nano-Oncologicals. <b>2014</b> ,	4
521	Interpolyelectrolyte complexes of maleic acid copolymers and chitosan for stabilization and functionalization of magnetite nano- and microparticles. <b>2014</b> , 131, n/a-n/a	14
520	Nanomedicine. <b>2014</b> ,	14
519	Search for novel contrast materials in dual-energy x-ray breast imaging using theoretical modeling of contrast-to-noise ratio. <b>2014</b> , 59, 4311-24	13
518	Engineering Fluorescent Nanoparticles for Biomedical Applications. <b>2014</b> , 535-566	
517	What Can Nanomedicine Learn from the Current Developments of Nanotechnology?. <b>2014</b> , 321-340	
516	Multimodal Nano-Systems for Cancer Diagnosis, Imaging, and Therapy. <b>2014</b> , 351-388	
515	Photodynamic Therapy for Cancer: Principles, Clinical Applications, and Nanotechnological Approaches. <b>2014</b> , 123-160	5
514	Passive targeting of nanoparticles to cancer: A comprehensive review of the literature. <b>2014</b> , 2, 904-908	205

513	PEGylated nanoparticles: protein corona and secondary structure. <b>2014,</b>	5
512	Antitumor activity of galactoxyloglucan-gold nanoparticles against murine ascites and solid carcinoma. <b>2014,</b> 116, 219-27	24
511	The effect of chitosan-tripolyphosphate nanoparticles on maturation and function of dendritic cells. <b>2014,</b> 23, 1421-1427	14
510	Microbial synthesized biodegradable PHBHHxPEG hybrid copolymer as an efficient intracellular delivery nanocarrier for kinase inhibitor. <b>2014,</b> 14, 4	21
509	Peptide conjugated polymeric nanoparticles as a carrier for targeted delivery of docetaxel. <b>2014,</b> 117, 166-73	52
508	Efficient and safe internalization of magnetic iron oxide nanoparticles: two fundamental requirements for biomedical applications. <b>2014,</b> 10, 733-43	84
507	Drug targeting using solid lipid nanoparticles. <b>2014,</b> 181, 56-61	116
506	Liposomes co-modified with cholesterol anchored cleavable PEG and octaarginines for tumor targeted drug delivery. <b>2014,</b> 22, 313-26	19
505	RIPL peptide (IPLVVPLRRRRRRRC)-conjugated liposomes for enhanced intracellular drug delivery to hepsin-expressing cancer cells. <b>2014,</b> 87, 489-99	30
504	Folate and TAT peptide co-modified liposomes exhibit receptor-dependent highly efficient intracellular transport of payload in vitro and in vivo. <b>2014,</b> 31, 3289-303	28
503	Comparison of flow and batch polymerization processes for production of vinyl ether terpolymers for use in the delivery of siRNA. <b>2014,</b> 52, 1119-1129	1
502	The ErbB/HER family of protein-tyrosine kinases and cancer. <i>Pharmacological Research</i> , <b>2014,</b> 79, 34-74	10.2 750
501	The effect of autophagy inhibitors on drug delivery using biodegradable polymer nanoparticles in cancer treatment. <b>2014,</b> 35, 1932-43	136
500	Potential applications of nanoshells in biomedical sciences. <b>2014,</b> 22, 175-190	18
499	Targeting tamoxifen to breast cancer xenograft tumours: preclinical efficacy of folate-attached nanoparticles based on alginate-cysteine/disulphide-bond-reduced albumin. <b>2014,</b> 31, 1264-74	21
498	Polymeric Biomaterials in Nanomedicine. <b>2014,</b> 387-395	9
497	Prodrug-based nanoparticulate drug delivery strategies for cancer therapy. <b>2014,</b> 35, 556-66	211
496	Quantum study of boron nitride nanotubes functionalized with anticancer molecules. <b>2014,</b> 16, 18425-32	49

495	Targeting-triggered porphyrin nanostructure disruption for activatable photodynamic therapy. <b>2014</b> , 3, 1240-9	112
494	Hydrophobic cavity formed by oligopeptide for doxorubicin delivery based on dendritic poly(L-lysine). <b>2014</b> , 25, 1362-73	19
493	Targeted liposomal drug delivery systems for the treatment of B cell malignancies. <b>2014</b> , 22, 372-86	9
492	Peptide conjugation: before or after nanoparticle formation?. <b>2014</b> , 25, 1971-83	21
491	Comparison of active, passive and magnetic targeting to tumors of multifunctional paclitaxel/SPIO-loaded nanoparticles for tumor imaging and therapy. <b>2014</b> , 194, 82-91	166
490	The chemotherapeutic potential of PEG-b-PLGA copolymer micelles that combine chloroquine as autophagy inhibitor and docetaxel as an anti-cancer drug. <b>2014</b> , 35, 9144-54	102
489	Host-guest interactions in Fe(III)-trimesate MOF nanoparticles loaded with doxorubicin. <b>2014</b> , 118, 8532-9	94
488	Exploring silver as a contrast agent for contrast-enhanced dual-energy X-ray breast imaging. <b>2014</b> , 87, 20140081	20
487	Synthesis of pure iron nanoparticles at liquid-liquid interface using pulsed plasma. <b>2014</b> , 16, 1	23
486	Enhancing the receptor-mediated cell uptake of PLGA nanoparticle for targeted drug delivery by incorporation chitosan onto the particle surface. <b>2014</b> , 16, 1	5
485	New strategy to surface functionalization of polymeric nanoparticles: one-pot synthesis of scFv anti-LDL(-)-functionalized nanocapsules. <b>2014</b> , 31, 2975-87	24
484	Asymmetric flow field-flow fractionation (AF4) for the quantification of nanoparticle release from tablets during dissolution testing. <b>2014</b> , 461, 137-44	19
483	Guiding principles in the design of ligand-targeted nanomedicines. <b>2014</b> , 9, 313-30	48
482	Effects of nanoliposomal and pegylated nanoliposomal artemisinin in treatment of breast cancer. <b>2014</b> , 29, 501-4	14
481	Protective effect of clove oil and eugenol microemulsions on fatty liver and dyslipidemia as components of metabolic syndrome. <b>2014</b> , 17, 764-71	28
480	Chemical basis of interactions between engineered nanoparticles and biological systems. <b>2014</b> , 114, 7740-81	398
479	Core-shell nanocarriers for cancer therapy. Part I: biologically oriented design rules. <b>2014</b> , 11, 283-97	20
478	Surface modification of nonviral nanocarriers for enhanced gene delivery. <b>2014</b> , 9, 135-51	25

477	Sanguinarine suppresses basal-like breast cancer growth through dihydrofolate reductase inhibition. <b>2014</b> , 90, 226-34	47
476	Solid lipid nanoparticles induced hematological changes and inflammatory response in mice. <b>2014</b> , 8, 212-9	15
475	Implementation of Nanoparticles in Cancer Therapy. <b>2014</b> , 447-491	5
474	Multivalent nanoparticles bind the retinal and choroidal vasculature. <b>2015</b> , 220, 265-274	10
473	Drug Carriers Based on Zirconium Phosphate Nanoparticles. <b>2015</b> , 395-437	4
472	Formulation Strategy for the Delivery of Cyclosporine A: Comparison of Two Polymeric Nanospheres. <b>2015</b> , 5, 13065	29
471	Toxicity of SWCNT Synthesized from Fermented Tapioca on SH-SY5Y Cells. <b>2015</b> , 1109, 370-375	
470	Controlled and Targeted Drug Delivery by a UV-responsive Liposome for Overcoming Chemo-resistance in Non-Hodgkin Lymphoma. <b>2015</b> , 86, 783-94	20
469	Multifunctional Delivery Systems for Cancer Gene Therapy. <b>2015</b> ,	3
468	Specific detection of CD133-positive tumor cells with iron oxide nanoparticles labeling using noninvasive molecular magnetic resonance imaging. <b>2015</b> , 10, 6997-7018	10
467	Alendronate-coated long-circulating liposomes containing 99mtechnetium-ceftizoxime used to identify osteomyelitis. <b>2015</b> , 10, 2441-50	26
466	Treating cancer stem cells and cancer metastasis using glucose-coated gold nanoparticles. <b>2015</b> , 10, 2065-77	37
465	Cell type-specific response to high intracellular loading of polyacrylic acid-coated magnetic nanoparticles. <b>2015</b> , 10, 1449-62	27
464	Enhanced antitumoral activity of doxorubicin against lung cancer cells using biodegradable poly(butylcyanoacrylate) nanoparticles. <b>2015</b> , 9, 6433-44	22
463	Nanomedicine applications in orthopedic medicine: state of the art. <b>2015</b> , 10, 6039-53	30
462	In Vitro Investigation of the Individual Contributions of Ultrasound-Induced Stable and Inertial Cavitation in Targeted Drug Delivery. <b>2015</b> , 41, 1853-64	14
461	Uptake and clearance analysis of Technetium99m labelled iron oxide nanoparticles in a rabbit brain. <b>2015</b> , 9, 136-41	6
460	Synthesis, drug release and targeting behaviors of Novel Folated Pluronic F87/poly(lactic acid) block copolymer. <b>2015</b> , 68, 233-242	13

459	A role for peptides in overcoming endosomal entrapment in siRNA delivery - A focus on melittin. <b>2015</b> , 33, 931-40	49
458	Design of a VLP-nanovehicle for CYP450 enzymatic activity delivery. <b>2015</b> , 13, 66	53
457	A cisplatin-incorporated liposome that targets the epidermal growth factor receptor enhances radiotherapeutic efficacy without nephrotoxicity. <b>2015</b> , 46, 1268-74	8
456	Effects of poly(ethylene glycol) grafting density on the tumor targeting efficacy of nanoparticles with ligand modification. <b>2015</b> , 22, 182-90	11
455	Selective killing of hepatocellular carcinoma HepG2 cells by three-dimensional nanographene nanoparticles based on triptycene. <b>2015</b> , 7, 5217-29	17
454	Self-assembled chitosan/rose bengal derivative nanoparticles for targeted sonodynamic therapy: preparation and tumor accumulation. <b>2015</b> , 5, 17915-17923	15
453	Enhanced in vivo therapeutic efficacy of plitidepsin-loaded nanocapsules decorated with a new poly-aminoacid-PEG derivative. <b>2015</b> , 483, 212-9	22
452	Nanotechnology-Enabled Drug Delivery for Cancer Therapy. <b>2015</b> , 173-193	4
451	Nanoparticles in photodynamic therapy. <b>2015</b> , 115, 1990-2042	1854
450	Gold Nanoclusters-Based Nanoprobes for Simultaneous Fluorescence Imaging and Targeted Photodynamic Therapy with Superior Penetration and Retention Behavior in Tumors. <b>2015</b> , 25, 1314-1325	156
449	Nanotechnology in the war against cancer: new arms against an old enemy - a clinical view. <b>2015</b> , 11, 1961-75	8
448	Physical Principles of Nanoparticle Cellular Endocytosis. <b>2015</b> , 9, 8655-71	637
447	The role of recent nanotechnology in enhancing the efficacy of radiation therapy. <b>2015</b> , 1856, 130-43	32
446	Bending elasticity of vesicle membranes studied by Monte Carlo simulations of vesicle thermal shape fluctuations. <b>2015</b> , 11, 5004-9	14
445	Assessing potential peptide targeting ligands by quantification of cellular adhesion of model nanoparticles under flow conditions. <b>2015</b> , 213, 79-85	15
444	Hydrophilicity/Hydrophobicity reversible and redox-sensitive nanogels for anticancer drug delivery. <b>2015</b> , 12, 1636-47	42
443	Surface modification and local orientations of surface molecules in nanotherapeutics. <b>2015</b> , 207, 131-42	37
442	Advanced targeted therapies in cancer: Drug nanocarriers, the future of chemotherapy. <b>2015</b> , 93, 52-79	865

441	Gold nanoparticle surface functionalization: a necessary requirement in the development of novel nanotherapeutics. <b>2015</b> , 10, 1315-26	61
440	Human placental cell and tissue uptake of doxorubicin and its liposomal formulations. <b>2015</b> , 239, 108-14	27
439	Magnetic nanoparticles and nanocomposites for remote controlled therapies. <b>2015</b> , 219, 76-94	85
438	Magnetic luminescent material based on silver doped lanthanum manganite and europium salts with 1,10-phenanthroline. <b>2015</b> , 64, 219-223	1
437	Advances in Spray Drying Technology for Nanoparticle Formation. <b>2015</b> , 1-16	1
436	In vitro characterization of cationic copolymer-complexed recombinant human butyrylcholinesterase. <b>2015</b> , 98, 531-9	11
435	A highly efficient and tumor vascular-targeting therapeutic technique with size-expandable gadofullerene nanocrystals. <b>2015</b> , 58, 799-810	40
434	Selective targeting of Mycobacterium smegmatis with trehalose-functionalized nanoparticles. <b>2015</b> , 51, 12028-31	26
433	Overview on in vitro and in vivo investigations of nanocomposite based cancer diagnosis and therapeutics. <b>2015</b> , 5, 72638-72652	16
432	Effective photothermal chemotherapy with docetaxel-loaded gold nanospheres in advanced prostate cancer. <b>2015</b> , 23, 568-76	9
431	Hyperpolarized nanodiamond with long spin-relaxation times. <b>2015</b> , 6, 8459	51
430	Labeling Monomeric Insulin with Renal-Clearable Luminescent Gold Nanoparticles. <b>2015</b> , 26, 2435-41	17
429	A dual pH/thermal responsive nanocarrier for combined chemo-thermotherapy based on a copper-doxorubicin complex and gold nanorods. <b>2015</b> , 7, 15999-6011	24
428	Protein corona hampers targeting potential of MUC1 aptamer functionalized SN-38 core-shell nanoparticles. <b>2015</b> , 494, 430-44	64
427	Novel antisense therapeutics delivery systems: In vitro and in vivo studies of liposomes targeted with anti-CD20 antibody. <b>2015</b> , 220, 515-528	31
426	Nanomedicine Nanoparticles in Cancer Imaging and Therapy. <b>2015</b> , 205-244	2
425	Targeted therapy of colorectal neoplasia with rapamycin in peptide-labeled pegylated octadecyl lithocholate micelles. <b>2015</b> , 199, 114-21	12
424	Soft fluorescent nanomaterials for biological and biomedical imaging. <b>2015</b> , 44, 4699-722	297

423	Decoration of multiwalled carbon nanotubes with protected iron nanoparticles. <b>2015</b> , 84, 47-55	10
422	Iron oxide-loaded nanotheranostics: major obstacles to in vivo studies and clinical translation. <b>2015</b> , 198, 35-54	79
421	Genomic Instability and Cancer Metastasis. <b>2015</b> ,	1
420	Amphiphilized poly(ethyleneimine) nanoparticles: a versatile multi-cargo carrier with enhanced tumor-homing efficiency and biocompatibility. <b>2015</b> , 3, 198-206	6
419	Optimization of PEGylated nanoemulsions for improved pharmacokinetics of BCS class II compounds. <b>2015</b> , 22, 467-74	16
418	The challenges facing block copolymer micelles for cancer therapy: In vivo barriers and clinical translation. <b>2015</b> , 91, 7-22	126
417	Nanoparticulate carriers: an emerging tool for breast cancer therapy. <b>2015</b> , 23, 97-108	10
416	Functionalized immunostimulating complexes with protein A via lipid vinyl sulfones to deliver cancer drugs to trastuzumab-resistant HER2-overexpressing breast cancer cells. <b>2016</b> , 11, 4777-4785	2
415	Albumin-Based Nanodevices as Drug Carriers. <b>2016</b> , 22, 1371-90	84
414	Efecto inmunomodulador de nanopartículas usadas en nanomedicina. <b>2016</b> , 29,	2
413	Functionalized milk-protein-coated magnetic nanoparticles for MRI-monitored targeted therapy of pancreatic cancer. <b>2016</b> , 11, 3087-99	10
412	Active-targeted Nanotherapy as Smart Cancer Treatment. <b>2016</b> ,	5
411	Nanotoxicity of Inert Materials: The Case of Gold, Silver and Iron. <b>2016</b> , 19, 161-80	39
410	Multifunctional nanocarriers for codelivery of nucleic acids and chemotherapeutics to cancer cells. <b>2016</b> , 163-207	4
409	The effect of dual-functional hyaluronic acid-vitamin E succinate micelles on targeting delivery of doxorubicin. <b>2016</b> , 11, 5851-5870	32
408	Fluorescent Polymer Nanoparticles Based on Dyes: Seeking Brighter Tools for Bioimaging. <b>2016</b> , 12, 1968-92	378
407	Optical Imaging and Gene Therapy with Neuroblastoma-Targeting Polymeric Nanoparticles for Potential Theranostic Applications. <b>2016</b> , 12, 1201-11	21
406	Nanomaterial-based in vitro analytical system for diagnosis and therapy in microfluidic device. <b>2016</b> , 10, 331-345	14

405	Advantages of using gold hollow nanoshells in cancer photothermal therapy. <b>2016</b> , 25, 087301	2
404	Lipid-Based Drug Delivery Systems in Cancer Therapy: What Is Available and What Is Yet to Come. <b>2016</b> , 68, 701-87	361
403	Laser-Generated Functional Nanoparticle Bioconjugates. <b>2016</b> ,	3
402	Periadventitial drug delivery for the prevention of intimal hyperplasia following open surgery. <b>2016</b> , 233, 174-80	26
401	Synthesis of cholic-acid-carrying polymer and in-vitro evaluation of hepatoma-targeting nanoparticles decorated with the polymer. <b>2016</b> , 27, 865-79	5
400	The Effects of Engineered Nanomaterials on Cultured Endothelial Cells. <b>2016</b> , 105-162	2
399	Delivery of nucleic acids for cancer gene therapy: overcoming extra- and intra-cellular barriers. <b>2016</b> , 7, 619-37	19
398	An anisotropic propagation technique for synthesizing hyperbranched polyvillic gold nanoparticles. <b>2016</b> , 9, 2889-2903	9
397	Prostate Cancer Imaging and Therapy: Potential Role of Nanoparticles. <b>2016</b> , 57, 105S-110S	6
396	Determining the composition of gold nanoparticles: a compilation of shapes, sizes, and calculations using geometric considerations. <b>2016</b> , 18, 295	41
395	Biodistribution of Antibody-MS2 Viral Capsid Conjugates in Breast Cancer Models. <b>2016</b> , 13, 3764-3772	34
394	A Reactive (1)O <sub>2</sub> - Responsive Combined Treatment System of Photodynamic and Chemotherapy for Cancer. <b>2016</b> , 6, 29911	26
393	Nanoparticle-mediated delivery of suicide genes in cancer therapy. <i>Pharmacological Research</i> , <b>2016</b> , 111, 619-641	10.2 31
392	Domino-Like Intercellular Delivery of Undecylenic Acid-Conjugated Porous Silicon Nanoparticles for Deep Tumor Penetration. <b>2016</b> , 8, 27611-27621	28
391	Overview of Present Problems Facing Commercialization of Nanomedicines. <b>2016</b> , 3-36	3
390	A Salmonella nanoparticle mimic overcomes multidrug resistance in tumours. <b>2016</b> , 7, 12225	45
389	A Functional CT Contrast Agent for In Vivo Imaging of Tumor Hypoxia. <b>2016</b> , 12, 3995-4006	33
388	Nanocarriers for spleen targeting: anatomo-physiological considerations, formulation strategies and therapeutic potential. <b>2016</b> , 6, 473-85	16

387	Solid lipid-based nanocarriers as efficient targeted drug and gene delivery systems. <b>2016</b> , 77, 100-108	60
386	Hyperthermia using nanoparticles--Promises and pitfalls. <b>2016</b> , 32, 76-88	105
385	Delivery of cancer therapeutics to extracellular and intracellular targets: Determinants, barriers, challenges and opportunities. <b>2016</b> , 97, 280-301	95
384	Reducing background noise in near-infrared medical imaging: Routes to activated fluorescing. <b>2016</b> , ,	
383	Smart pH/Redox Dual-Responsive Nanogels for On-Demand Intracellular Anticancer Drug Release. <b>2016</b> , 8, 7729-38	99
382	The effect of nanoparticle size on in vivo pharmacokinetics and cellular interaction. <b>2016</b> , 11, 673-92	742
381	Self-assembly PEGylation assists SLN-paclitaxel delivery inducing cancer cell apoptosis upon internalization. <b>2016</b> , 501, 180-9	19
380	Toxicity and inflammatory response in Swiss albino mice after intraperitoneal and oral administration of polyurethane nanoparticles. <b>2016</b> , 246, 17-27	14
379	Integration of in silico modeling, prediction by binding energy and experimental approach to study the amorphous chitin nanocarriers for cancer drug delivery. <b>2016</b> , 142, 240-9	35
378	Effect of pH, ultrasound frequency and power density on the release of calcein from stealth liposomes. <b>2016</b> , 8,	6
377	Intracellular PK/PD Relationships of Free and Liposomal Doxorubicin: Quantitative Analyses and PK/PD Modeling. <b>2016</b> , 13, 1358-65	22
376	Antigen delivery via hydrophilic PEG-b-PAGE-b-PLGA nanoparticles boosts vaccination induced T cell immunity. <b>2016</b> , 102, 20-31	36
375	Multimodal theranostic assemblies: double encapsulation of protoporphyrine-IX/Gd3+ in niosomes. <b>2016</b> , 6, 30217-30225	20
374	The effects of quercetin-loaded PLGA-TPGS nanoparticles on ultraviolet B-induced skin damages in vivo. <b>2016</b> , 12, 623-632	50
373	In Vitro Selective Anti-Proliferative Effect of Zinc Oxide Nanoparticles Against Co-Cultured C2C12 Myoblastoma Cancer and 3T3-L1 Normal Cells. <b>2016</b> , 172, 148-154	26
372	Nanotechnology for protein delivery: Overview and perspectives. <b>2016</b> , 240, 24-37	214
371	Preparation and in vivo/in vitro evaluation of formononetin phospholipid/vitamin E TPGS micelles. <b>2016</b> , 24, 161-8	23
370	Advanced optoelectronic nanodevices and nanomaterials for sensing inside single living cell. <b>2017</b> , 395, 3-15	10

369	Engineering Applications of Nanotechnology. <b>2017</b> ,	5
368	PSMA-targeted contrast agents for intraoperative imaging of prostate cancer. <b>2017</b> , 53, 1611-1614	27
367	Application of Nanotechnology in Cancer Treatment. <b>2017</b> , 269-311	6
366	Carbon nanotubes: A review of novel strategies for cancer diagnosis and treatment. <b>2017</b> , 76, 1289-1304	49
365	A Monte Carlo study of I-125 prostate brachytherapy with gold nanoparticles: dose enhancement with simultaneous rectal dose sparing via radiation shielding. <b>2017</b> , 62, 1935-1948	14
364	Magnetic targeting with superparamagnetic iron oxide nanoparticles for in vivo glioma. <b>2017</b> , 6, 449-472	10
363	Indocyanine Green Loaded Magnetic Carbon Nanoparticles for Near Infrared Fluorescence/Magnetic Resonance Dual-Modal Imaging and Photothermal Therapy of Tumor. <b>2017</b> , 9, 9484-9495	53
362	Plasma membrane activatable polymeric nanotheranostics with self-enhanced light-triggered photosensitizer cellular influx for photodynamic cancer therapy. <b>2017</b> , 255, 231-241	63
361	Dual temperature- and pH-responsive polymeric micelle for selective and efficient two-step doxorubicin delivery. <b>2017</b> , 7, 29540-29549	22
360	SERS-Activated Platforms for Immunoassay: Probes, Encoding Methods, and Applications. <b>2017</b> , 117, 7910-7963	332
359	In vivo high-efficiency targeted photodynamic therapy of ultra-small Fe <sub>3</sub> O <sub>4</sub> @polymer-NPO/PEG-Glc@Ce6 nanoprobe based on small size effect. <b>2017</b> , 9, e383-e383	19
358	Can a nanoparticle that mimics Salmonella effectively combat tumor chemotherapy resistance?. <b>2017</b> , 12, 705-710	2
357	Synthesis, characterisation and in vitro release of paclitaxel-loaded polymeric micelles. <b>2017</b> , 12, 191-194	6
356	The effect of the serum corona on interactions between a single nano-object and a living cell. <b>2017</b> , 7, 45758	4
355	Can dual-ligand targeting enhance cellular uptake of nanoparticles?. <b>2017</b> , 9, 8982-8989	45
354	Enhanced cytotoxic effect of camptothecin nanosponges in anaplastic thyroid cancer cells in vitro and in vivo on orthotopic xenograft tumors. <b>2017</b> , 24, 670-680	31
353	Interactions of Renal-Clearable Gold Nanoparticles with Tumor Microenvironments: Vasculature and Acidity Effects. <b>2017</b> , 56, 4314-4319	42
352	Interactions of Renal-Clearable Gold Nanoparticles with Tumor Microenvironments: Vasculature and Acidity Effects. <b>2017</b> , 129, 4378-4383	13

351	Gold nanoparticles, radiations and the immune system: Current insights into the physical mechanisms and the biological interactions of this new alliance towards cancer therapy. <b>2017</b> , 178, 1-17	40
350	Synthesis of Polyphenon-60 Functionalized Bimetallic AgPt Nanostructures that Inhibit Proliferation of SiHa Cells. <b>2017</b> , 28, 1307-1318	1
349	Hyperpolarized Nanodiamond Surfaces. <b>2017</b> , 139, 193-199	19
348	Biorthogonal click chemistry on poly(lactic-co-glycolic acid)-polymeric particles. <b>2017</b> , 5, 211-215	9
347	Enhanced EGFR Targeting Activity of Plasmonic Nanostructures with Engineered GE11 Peptide. <b>2017</b> , 6, 1700596	32
346	cRGD/TAT Dual-Ligand Reversibly Cross-Linked Micelles Loaded with Docetaxel Penetrate Deeply into Tumor Tissue and Show High Antitumor Efficacy in Vivo. <b>2017</b> , 9, 35651-35663	43
345	Insights into the interfacial structure-function of poly(ethylene glycol)-decorated peptide-stabilised nanoscale emulsions. <b>2017</b> , 13, 7953-7961	11
344	Plasma-assisted synthesis and study of structural and magnetic properties of Fe/C core shell. <b>2017</b> , 7, 075013	7
343	PEGylated Dendritic Polyglycerol Conjugate Delivers Doxorubicin to the Parasitophorous Vacuole in Leishmania infantum Infections. <b>2017</b> , 17, 1700098	6
342	Limiting the valence: advancements and new perspectives on patchy colloids, soft functionalized nanoparticles and biomolecules. <b>2017</b> , 19, 19847-19868	50
341	Localised delivery of doxorubicin to prostate cancer cells through a PSMA-targeted hyperbranched polymer theranostic. <b>2017</b> , 141, 330-339	49
340	Graphene- gold based nanocomposites applications in cancer diseases; Efficient detection and therapeutic tools. <b>2017</b> , 139, 349-366	18
339	Peripheral Nerve Nanoimaging: Monitoring Treatment and Regeneration. <b>2017</b> , 19, 1304-1316	9
338	Nano-Particles for Biomedical Applications. <b>2017</b> , 643-691	4
337	Cleavable PEGylation: a strategy for overcoming the "PEG dilemma" in efficient drug delivery. <b>2017</b> , 24, 22-32	132
336	Mannose-functionalized core@shell nanoparticles and their interactions with bacteria. <b>2017</b> , 52, 1534-1545	10
335	Bacteriocins and Nanotechnology. <b>2017</b> , 267-288	
334	Cancer treatment with nano-diamonds. <b>2017</b> , 9, 62-70	17

333	Nanoparticulate Systems for Therapeutic and Diagnostic Applications. <b>2017</b> , 105-144	9
332	Nanoparticles as Theranostic Vehicles in Experimental and Clinical Applications-Focus on Prostate and Breast Cancer. <b>2017</b> , 18,	47
331	Targeted Therapeutic Nanoparticles: An Immense Promise to Fight against Cancer. <b>2017</b> , 2017, 9090325	66
330	Nanosized Minicells Generated by Lactic Acid Bacteria for Drug Delivery. <b>2017</b> , 2017, 1-10	8
329	[Polymer nanoparticles for the delivery of anticancer drug]. <b>2017</b> , 33, 11-17	8
328	RIPL peptide as a novel cell-penetrating and homing peptide: design, characterization, and application to liposomal nanocarriers for hepsin-specific intracellular drug delivery. <b>2017</b> , 129-157	3
327	Liposomal Nanoformulations as Current Tumor-Targeting Approach to Cancer Therapy. <b>2017</b> ,	2
326	PEGylated dendritic polyglycerol conjugate targeting NCAM-expressing neuroblastoma: Limitations and challenges. <b>2018</b> , 14, 1169-1179	5
325	In vitro outlook of gold nanoparticles in photo-thermal therapy: a literature review. <b>2018</b> , 33, 917-926	55
324	Investigation of adhesive interactions in the specific targeting of Triptorelin-conjugated PEG-coated magnetite nanoparticles to breast cancer cells. <b>2018</b> , 71, 363-378	39
323	Nanocarrier Composed of Magnetite Core Coated with Three Polymeric Shells Mediates LCS-1 Delivery for Synthetic Lethal Therapy of BLM-Defective Colorectal Cancer Cells. <b>2018</b> , 19, 803-815	23
322	Magnetic labeling of natural lipid encapsulations with iron-based nanoparticles. <b>2018</b> , 11, 2970-2991	5
321	Near infrared-emitting persistent luminescent nanoparticles for Hepatocellular Carcinoma imaging and luminescence-guided surgery. <b>2018</b> , 167, 216-225	47
320	Nano-engineering of biomedical prednisolone liposomes: evaluation of the cytotoxic effect on human colon carcinoma cell lines. <b>2018</b> , 70, 488-497	4
319	Using gold nanoparticles in diagnosis and treatment of melanoma cancer. <b>2018</b> , 46, 462-471	36
318	Targeted and theranostic applications for nanotechnologies in medicine. <b>2018</b> , 399-511	3
317	Eco-friendly preparation of a magnetic catalyst for glucose oxidation combining the properties of nanometal particles and specific enzyme. <b>2018</b> , 149, 1179-1188	7
316	Use of nanostructured materials in drug delivery. <b>2018</b> , 503-549	2

315	Recent Advances in Self-assembled Nano-therapeutics. <b>2018</b> , 36, 322-346	26
314	Targeted tumor dual mode CT/MR imaging using multifunctional polyethylenimine-entrapped gold nanoparticles loaded with gadolinium. <b>2018</b> , 25, 178-186	29
313	Dual-targeted nanomedicines for enhanced tumor treatment. <b>2018</b> , 18, 65-85	54
312	Magnetic Nanoparticle Hyperthermia in Cancer Treatment: History, Mechanism, Imaging-Assisted Protocol Design, and Challenges. <b>2018</b> , 631-667	11
311	A model-based analysis of tissue targeting efficacy of nanoparticles. <b>2018</b> , 15,	6
310	Magnetic Nanoparticle Hyperthermia. <b>2018</b> , 129-191	6
309	Selenium nanocomposites as multifunctional nanoplatform for imaging guiding synergistic chemo-photothermal therapy. <b>2018</b> , 166, 161-169	27
308	Calcium phosphate-based nanosystems for advanced targeted nanomedicine. <b>2018</b> , 44, 1223-1238	26
307	Synthesis and Characterization of Folate-decorated Cobalt Ferrite Nanoparticles Coated with Poly(Ethylene Glycol) for Biomedical Applications. <b>2018</b> , 65, 231-242	12
306	Quantum Dot Based Luminescent Nanoprobes for Sigma-2 Receptor Imaging. <b>2018</b> , 15, 458-471	12
305	Emerging trends in the immunotherapy of pancreatic cancer. <b>2018</b> , 417, 35-46	61
304	Unraveling the cell-type dependent radiosensitizing effects of gold through the development of a multifunctional gold nanoparticle. <b>2018</b> , 14, 439-449	9
303	Highly sensitive and simple liquid chromatography assay with ion-pairing extraction and visible detection for quantification of gold from nanoparticles. <b>2018</b> , 179, 307-311	6
302	Biodistribution and In-vivo Efficacy of Doxorubicin Loaded Chitosan Nanoparticles in Ehrlich Ascites Carcinoma (EAC) Bearing Balb/c Mice. <b>2018</b> , 09,	3
301	Nanomedicine for anticancer and antimicrobial treatment: an overview. <b>2018</b> , 12, 1009-1017	3
300	Atomic-level characterization and cilostazol affinity of poly(lactic acid) nanoparticles conjugated with differentially charged hydrophilic molecules. <b>2018</b> , 9, 1328-1338	4
299	An ultra-stable redox-controlled self-assembling polypeptide nanotube for targeted imaging and therapy in cancer. <b>2018</b> , 16, 101	7
298	Recent progress in enzymatic protein labelling techniques and their applications. <b>2018</b> , 47, 9106-9136	108

297	Targeted Theranostic Nanoparticles for Brain Tumor Treatment. <b>2018</b> , 10,	59
296	Modifying a Commonly Expressed Endocytic Receptor Retargets Nanoparticles in Vivo. <b>2018</b> , 18, 7590-7600	23
295	Enhancing anticancer effects, decreasing risks and solving practical problems facing 3-bromopyruvate in clinical oncology: 10 years of research experience. <b>2018</b> , 13, 4699-4709	18
294	A new method for the determination of total and released docetaxel from docetaxel-entrapped core-crosslinked polymeric micelles (CriPec <sup>®</sup> ) by LC-MS/MS and its clinical application in plasma and tissues in patients with various tumours. <b>2018</b> , 161, 168-174	16
293	Cyclodextrin Nanosponges in Drug Delivery and Nanotherapeutics. <b>2018</b> , 279-342	4
292	Advances in targeted nanotherapeutics: From bioconjugation to biomimicry. <b>2018</b> , 11, 4999-5016	38
291	Optimal method of gold nanoparticle administration in melanoma-bearing mice. <b>2018</b> , 15, 2994-2999	4
290	Theranostic Niosomes as a Promising Tool for Combined Therapy and Diagnosis: All-in-One Approach. <b>2018</b> , 1, 2827-2835	18
289	Oral colon cancer targeting by chitosan nanocomposites. <b>2018</b> , 409-429	7
288	Potential of nanoparticles as drug delivery system for cancer treatment. <b>2018</b> , 431-468	3
287	Cyclodextrin-based nanosponges in drug delivery and cancer therapeutics. <b>2018</b> , 97-147	3
286	Global trends in nanomedicine research on triple negative breast cancer: a bibliometric analysis. <b>2018</b> , 13, 2321-2336	31
285	Nanoparticles for Hyperthermia Applications. <b>2018</b> , 563-576	5
284	Nanocarriers in Drug and Gene Delivery. <b>2018</b> , 71-102	
283	Lipid-Based Nanoparticles as a Potential Delivery Approach in the Treatment of Rheumatoid Arthritis. <b>2018</b> , 8,	59
282	Phototriggered targeting of nanocarriers for drug delivery. <b>2018</b> , 11, 5424-5438	27
281	Recent advances in "smart" delivery systems for extended drug release in cancer therapy. <b>2018</b> , 13, 4727-4745	109
280	Novel thermoresponsive star-like nanomicelles for targeting of anticancer agent. <b>2018</b> , 107, 143-154	20

279	Potential applications of engineered nanoparticles in medicine and biology: an update. <b>2018</b> , 23, 1185-1204	74
278	Lysosomal membrane permeabilization and cell death. <b>2018</b> , 19, 918-931	203
277	Facile synthesis of pH-responsive doxorubicin-loaded layered double hydroxide for efficient cancer therapy. <b>2018</b> , 6, 5768-5774	27
276	Mixed micelles as drug delivery nanocarriers. <b>2018</b> , 331-364	3
275	Cyclodextrin nanosponge-based systems in drug delivery and nanotherapeutics: Current progress and future prospects. <b>2018</b> , 659-717	8
274	Lipid-based nanoparticles for cancer treatment. <b>2018</b> , 313-359	20
273	Nanocarriers for the delivery of temozolomide in the treatment of glioblastoma. <b>2018</b> , 687-722	6
272	Understanding and utilizing the biomolecule/nanosystems interface. <b>2018</b> , 207-297	10
271	Preparation of superparamagnetic iron oxide/doxorubicin loaded chitosan nanoparticles as a promising glioblastoma theranostic tool. <b>2019</b> , 234, 1547-1559	25
270	Advances in biomolecule inspired polymeric material decorated interfaces for biological applications. <b>2019</b> , 7, 3984-3999	13
269	Preparation of Lipid Nanodisks Containing Apolipoprotein E-Derived Synthetic Peptides for Biocompatible Delivery Vehicles Targeting Low-Density Lipoprotein Receptor. <b>2019</b> , 42, 1376-1383	2
268	Advancement in the Biomedical Applications of the (Nano)gel Structures Based on Particular Polysaccharides. <b>2019</b> , 19, e1900187	20
267	Bombesin receptors as potential targets for anticancer drug delivery and imaging. <b>2019</b> , 114, 105567	17
266	Liposomal doxorubicin attenuates cardiotoxicity via induction of interferon-related DNA damage resistance. <b>2020</b> , 116, 970-982	19
265	Near infra-red polymeric nanoparticle based optical imaging in Cancer diagnosis. <b>2019</b> , 199, 111630	27
264	Ovarian Cancer Targeting Phage for In Vivo Near-Infrared Optical Imaging. <b>2019</b> , 9,	2
263	Nanovaccine: A novel approach in immunization. <b>2019</b> , 234, 12530-12536	45
262	Gold Nanoparticle Aggregates Functionalized with Cyclic RGD Peptides for Targeting and Imaging of Colorectal Cancer Cells. <b>2019</b> , 2, 6436-6444	23

261	Efficient Endocytosis of Inorganic Nanoparticles with Zwitterionic Surface Functionalization. <b>2019</b> , 11, 38475-38482	9
260	Polymeric Nanoparticulates as Efficient Anticancer Drugs Delivery Systems. <b>2019</b> , 55-84	2
259	Nanocarriers in Different Preclinical and Clinical Stages. <b>2019</b> , 685-731	8
258	Oriented attachment of V proteins, via site-selective modification, on PLGA-PEG nanoparticles enhances nanoconjugate performance. <b>2019</b> , 55, 7671-7674	11
257	Polymeric Mesoporous Silica Nanoparticles for Enhanced Delivery of 5-Fluorouracil In Vitro. <b>2019</b> , 11,	36
256	Dextran-coated iron oxide nanoparticle for delivery of miR-29a to breast cancer cell line. <b>2019</b> , 24, 1032-1037	12
255	The role of hydrogen bonds in the mesomorphic behaviour of supramolecular assemblies organized in dendritic architectures. <b>2019</b> , 7, 60-105	8
254	A two-photon fluorophore labeled multi-functional drug carrier for targeting cancer therapy, inflammation restraint and AIE active bioimaging. <b>2019</b> , 7, 3894-3908	3
253	The softness of tumour-cell-derived microparticles regulates their drug-delivery efficiency. <b>2019</b> , 3, 729-740	84
252	Optimisation of Folate-Mediated Liposomal Encapsulated Arsenic Trioxide for Treating HPV-Positive Cervical Cancer Cells In Vitro. <b>2019</b> , 20,	9
251	An overview of active and passive targeting strategies to improve the nanocarriers efficiency to tumour sites. <b>2019</b> , 71, 1185-1198	287
250	Coming in and Finding Out: Blending Receptor-Targeted Delivery and Efficient Endosomal Escape in a Novel Bio-Responsive siRNA Delivery System for Gene Knockdown in Pulmonary T Cells. <b>2019</b> , 2, 1900047	10
249	Intracellular Delivery of Biologically-Active Fungal Metabolite Gliotoxin Using Magnetic Nanoparticles. <b>2019</b> , 12,	1
248	Drug-coated nanoparticles: the magic bullets for threatening diseases, with special reference to tuberculosis. <b>2019</b> , 41-85	
247	Polyphosphoester-Based Nanocarrier for Combined Radio-Photothermal Therapy of Breast Cancer. <b>2019</b> , 5, 1868-1877	6
246	Carbon nanomaterials as pharmaceutical forms for sustained and controlled delivery systems. <b>2019</b> , 403-434	3
245	Multi-targeting magnetic hyaluronan capsules efficiently capturing circulating tumor cells. <b>2019</b> , 545, 94-103	12
244	Unveiling the interaction between carbon nanodot and IR light emitting fluorescent dyes inside the confined micellar environment. <b>2019</b> , 377, 298-308	2

243	Multifunctional Polymer Nanocarrier for Efficient Targeted Cellular and Subcellular Anticancer Drug Delivery. <b>2019</b> , 5, 2271-2283	12
242	Chondroitin sulfate-functionalized polymeric nanoparticles for colon cancer-targeted chemotherapy. <b>2019</b> , 177, 399-406	28
241	Influence of nanotube section on carboplatin confinement. <b>2019</b> , 25, 72	5
240	Recent Progress of Crosslinking Strategies for Polymeric Micelles with Enhanced Drug Delivery in Cancer Therapy. <b>2019</b> , 26, 2356-2376	20
239	Interfacing the Cell with "Biomimetic Membrane Proteins". <b>2019</b> , 15, e1903006	5
238	Site-Specific In-Radiolabeling of Dual-PEGylated Porous Silicon Nanoparticles and Their In Vivo Evaluation in Murine 4T1 Breast Cancer Model. <b>2019</b> , 11,	4
237	Optically Active Nanomaterials for Bioimaging and Targeted Therapy. <b>2019</b> , 7, 320	31
236	Epidermal Growth Factor Receptor and Its Role in Pancreatic Cancer Treatment Mediated by Nanoparticles. <b>2019</b> , 14, 9693-9706	17
235	GROWTH FACTOR LOADED FUNCTIONALIZED GOLD NANOPARTICLES AS POTENTIAL TARGETED TREATMENT FOR ACUTE RENAL FAILURE. <b>2019</b> , 11, 174	
234	Advances in Receptor-Mediated, Tumor-Targeted Drug Delivery. <b>2019</b> , 2, 1800091	76
233	Overcoming transporter-mediated multidrug resistance in cancer: failures and achievements of the last decades. <b>2019</b> , 9, 379-393	28
232	Specific delivery of delta-5-desaturase siRNA via RNA nanoparticles supplemented with dihomoglinolenic acid for colon cancer suppression. <b>2019</b> , 21, 101085	23
231	Targeted inactivation of EPS8 using dendrimer-mediated delivery of RNA interference. <b>2019</b> , 557, 178-181	3
230	A complete multispectroscopic resolution on the fate of HSA upon interplay with three different glycosaminoglycans inspired silver nanoparticles and straightforward judgment of nanoparticles for recruitment as potent anticancer and antibacterial agent. <b>2019</b> , 274, 598-611	9
229	Development of drug-loaded protein nanoparticles displaying enzymatically-conjugated DNA aptamers for cancer cell targeting. <b>2019</b> , 46, 261-269	13
228	Active Targeting of Cancer Cells by Nanobody Decorated Polypeptide Micelle with Bio-orthogonally Conjugated Drug. <b>2019</b> , 19, 247-254	44
227	Biocompatibility of materials and its relevance to drug delivery and tissue engineering. <b>2020</b> , 297-331	7
226	Drug Delivery Systems. <b>2020</b> ,	5

225	Targeted siRNA Delivery Using Lipid Nanoparticles. <b>2020</b> , 2059, 259-283	4
224	The Therapeutic Potential of Nanobodies. <b>2020</b> , 34, 11-26	206
223	Controlled radical polymerization in dispersed systems for biological applications. <b>2020</b> , 102, 101209	40
222	Fe-Coordinated Multifunctional Elastic Nanoplatfom for Effective in Vivo Gene Transfection. <b>2020</b> , 12, 3453-3464	4
221	Anti-HPV Nanoemulsified-Imiquimod: A New and Potent Formulation to Treat Cervical Cancer. <b>2020</b> , 21, 54	6
220	Alginate based tamoxifen/metal dual core-folate decorated shell: Nanocomposite targeted therapy for breast cancer via ROS-driven NF- $\kappa$ B pathway modulation. <b>2020</b> , 146, 119-131	24
219	3D cultures for modeling nanomaterial-based photothermal therapy. <b>2020</b> , 5, 400-430	22
218	Polymer nanocarriers for MicroRNA delivery. <b>2020</b> , 137, 48651	16
217	A cancer cell membrane-camouflaged nanoreactor for enhanced radiotherapy against cancer metastasis. <b>2020</b> , 56, 547-550	15
216	Spatiotemporally controllable diphtheria toxin expression using a light-switchable transgene system combining multifunctional nanoparticle delivery system for targeted melanoma therapy. <b>2020</b> , 319, 1-14	12
215	Dual and multi-targeted nanoparticles for site-specific brain drug delivery. <b>2020</b> , 317, 195-215	39
214	Exploiting the placenta for nanoparticle-mediated drug delivery during pregnancy. <b>2020</b> , 160, 244-261	15
213	Effects of Polymer 3D Architecture, Size, and Chemistry on Biological Transport and Drug Delivery In Vitro and in Orthotopic Triple Negative Breast Cancer Models. <b>2020</b> , 9, e2000892	8
212	Bioinspired and Biomimetic Design of Multilayered and Multiscale Structures. <b>2020</b> , 3-19	
211	Bioinspired Design for Energy Storage Devices. <b>2020</b> , 193-211	
210	Small interfering RNA for cancer treatment: overcoming hurdles in delivery. <b>2020</b> , 10, 2075-2109	30
209	Bioinspired Underwater Propulsors. <b>2020</b> , 113-139	1
208	Recent advances in ultrasound-triggered drug delivery through lipid-based nanomaterials. <b>2020</b> , 25, 2182-2200	15

207	Aquatic Animals Operating at High Reynolds Numbers. <b>2020</b> , 235-270	1
206	Drug resistance in cancer: mechanisms and tackling strategies. <b>2020</b> , 72, 1125-1151	33
205	In silico study of enhanced permeation and retention effect and hyperthermia of porous tumor. <b>2020</b> , 86, 128-137	8
204	Fruit Extract Mediated Green Synthesis of Metallic Nanoparticles: A New Avenue in Pomology Applications. <b>2020</b> , 21,	24
203	Antimicrobial peptide AR-23 derivatives with high endosomal disrupting ability enhance poly(L-lysine)-mediated gene transfer. <b>2020</b> , 22, e3259	3
202	Doped Zinc Oxide Nanoparticles: Synthesis, Characterization and Potential Use in Nanomedicine. <b>2020</b> , 10, 5194	36
201	Facile synthesis and biophysical characterization of egg albumen-wrapped zinc oxide nanoparticles: A potential drug delivery vehicles for anticancer therapy. <b>2020</b> , 60, 102015	11
200	Preface. <b>2020</b> , xi-xii	
199	Bioinspired Design of Dental Functionally Graded Multilayer Structures. <b>2020</b> , 140-166	
198	Bionic Organs. <b>2020</b> , 167-192	1
197	Bioinspired Design of Nanostructures. <b>2020</b> , 212-232	
196	Flying of Insects. <b>2020</b> , 271-299	1
195	Bioinspired Building Envelopes. <b>2020</b> , 343-354	
194	Index. <b>2020</b> , 355-360	
193	Human Cortical Bone as a Structural Material. <b>2020</b> , 20-44	
192	Bamboo-Inspired Materials and Structures. <b>2020</b> , 89-110	3
191	Designing Nature-Inspired Liquid-Repellent Surfaces. <b>2020</b> , 300-319	
190	Biomimetic and Soft Robotics. <b>2020</b> , 320-342	

189	Bioinspired Design of Multilayered Composites. <b>2020</b> , 45-88	
188	Probiotics at War Against Viruses: What Is Missing From the Picture?. <b>2020</b> , 11, 1877	37
187	Plant mediated synthesis of AgNPs and its applications: an overview. <b>2020</b> , 1-17	5
186	Review of Curcumin Physicochemical Targeting Delivery System. <b>2020</b> , 15, 9799-9821	18
185	Systemic Delivery Technologies in Anti-Aging Medicine: Methods and Applications. <b>2020</b> ,	
184	The classification and application of cyclodextrin polymers: a review. <b>2020</b> , 44, 9137-9148	21
183	Beta galactosidase mediated bio-enzymatically synthesized nano-gold with aggrandized cytotoxic potential against pathogenic bacteria and cancer cells. <b>2020</b> , 209, 111923	8
182	AIE Bioconjugates for Biomedical Applications. <b>2020</b> , 8, 2000162	29
181	A high stable pH-temperature dual-sensitive liposome for tuning anticancer drug release. <b>2020</b> , 5, 103-110	10
180	Nano-based delivery systems for berberine: A modern anti-cancer herbal medicine. <b>2020</b> , 194, 111188	15
179	Introduction to Active, Smart, and Intelligent Nanomaterials for Biomedical Application. <b>2020</b> , 1-16	2
178	Supercritical fluid assembly of albendazole liposomes targeting gastrin-releasing peptide receptor overexpressing tumors. <b>2020</b> ,	1
177	Recent strategies towards the surface modification of liposomes: an innovative approach for different clinical applications. <b>2020</b> , 10, 163	40
176	Image-guided tumor surgery: The emerging role of nanotechnology. <b>2020</b> , 12, e1624	18
175	Intrinsic Biotaxi Solution Based on Blood Cell Membrane Cloaking Enables Fullerenol Thrombolysis. <b>2020</b> , 12, 14958-14970	16
174	Self-assembly and phase behavior of mixed patchy colloids with any bonding site geometry: theory and simulation. <b>2020</b> , 16, 3806-3820	7
173	A Facile One-Pot Synthesis of Versatile PEGylated Platinum Nanoflowers and Their Application in Radiation Therapy. <b>2020</b> , 21,	10
172	Antibody-Conjugated Barium Titanate Nanoparticles for Cell-Specific Targeting. <b>2020</b> , 3, 2636-2646	6

171	Recent Advances in Peptide-Based Approaches for Cancer Treatment. <b>2020</b> , 27, 1174-1205	10
170	Folate-Targeted Anticancer Drug Delivery via a Combination Strategy of a Micelle Complex and Reducible Conjugation. <b>2020</b> , 6, 1565-1572	12
169	Introducing Applied Nano: An Interdisciplinary Open Access Journal Showing How Nanoscience Can Offer Solutions to Different Problems and Needs. <b>2020</b> , 1, 1-2	
168	Theoretical studies of the paracetamol and phenacetin adsorption on single-wall boron-nitride nanotubes: a DFT and MD investigation. <b>2020</b> , 31, 1403-1417	8
167	Magnetic Nanoheterostructures. <b>2020</b> ,	3
166	Sterically Stabilised Polymeric Mesoporous Silica Nanoparticles Improve Doxorubicin Efficiency: Tailored Cancer Therapy. <b>2020</b> , 25,	15
165	Improving Tumor Accumulation of Aptamers by Prolonged Blood Circulation. <b>2020</b> , 92, 4108-4114	13
164	In Situ Biosynthesized Superparamagnetic Iron Oxide Nanoparticles (SPIONS) Induce Efficient Hyperthermia in Cancer Cells.. <b>2020</b> , 3, 779-788	15
163	Technetium labeled doxorubicin loaded silk fibroin nanoparticles: Optimization, characterization and in vitro evaluation. <b>2020</b> , 56, 101539	2
162	Nanocargos: A Burgeoning Quest in Cancer Management. <b>2020</b> , 10, 149-163	1
161	Chemical Mechanisms of Nanoparticle Radiosensitization and Radioprotection: A Review of Structure-Function Relationships Influencing Reactive Oxygen Species. <b>2020</b> , 21,	35
160	Effects of charged lipids on the physicochemical and biological properties of lipid-styrene maleic acid copolymer discoidal particles. <b>2020</b> , 1862, 183209	3
159	Overview of the application of inorganic nanomaterials in cancer photothermal therapy. <b>2020</b> , 8, 2990-3020	96
158	Green Chemistry Synthesis of Silver Nanoparticles and Their Potential Anticancer Effects. <b>2020</b> , 12,	78
157	Design and preparation of a new multi-targeted drug delivery system using multifunctional nanoparticles for co-delivery of siRNA and paclitaxel. <b>2021</b> , 11, 163-173	5
156	Resveratrol: Isolation, and Its Nanostructured Lipid Carriers, Inhibits Cell Proliferation, Induces Cell Apoptosis in Certain Human Cell Lines Carcinoma and Exerts Protective Effect Against Paraquat-Induced Hepatotoxicity. <b>2021</b> , 24, 89-100	9
155	Function of gold nanoparticles in oral cancer beyond drug delivery: Implications in cell apoptosis. <b>2021</b> , 27, 251-265	10
154	Analytical characterization of liposomes and other lipid nanoparticles for drug delivery. <b>2021</b> , 192, 113642	46

153	Chemoreactive Nanotherapeutics by Metal Peroxide Based Nanomedicine. <b>2020</b> , 8, 2000494	17
152	Surface-modified polymeric nanoparticles for drug delivery to cancer cells. <b>2021</b> , 18, 1-24	11
151	Flavonoids nanoparticles in cancer: Treatment, prevention and clinical prospects. <b>2021</b> , 69, 200-211	54
150	Magnetically responsive delivery into tumor environment. <b>2021</b> , 59-87	
149	Bionanocomposites for In Situ Drug Delivery in Cancer Therapy: Early and Late Evaluations. <b>2021</b> , 145-165	
148	Drug-Loading Capacity of PAMAM Dendrimers Encapsulating Quercetin Molecules: A Molecular Dynamics Study with the 2016H66 Force Field. <b>2021</b> , 61, 987-1000	1
147	Direct Comparison of B Cell Surface Receptors as Therapeutic Targets for Nanoparticle Delivery of BTK Inhibitors. <b>2021</b> , 18, 850-861	
146	Introduction to Nanomaterials and Nanotechnology. <b>2021</b> , 3-23	4
145	Nanosponges Encapsulated Phytochemicals for Targeting Cancer: A Review. <b>2021</b> , 22, 443-462	4
144	Recent Advances in Biomedical, Therapeutic and Pharmaceutical Applications of Microbial Surfactants. <b>2021</b> , 13,	15
143	Green synthesis of zinc oxide nanoparticles using the root hair extract of Phoenix dactylifera: antimicrobial and anticancer activity. <b>2021</b> , 11, 1747-1757	6
142	Cashew Gum Polysaccharide Nanoparticles Grafted with Polypropylene Glycol as Carriers for Diclofenac Sodium. <b>2021</b> , 14,	4
141	Viridescent Concoction of Genstein Tendentious silver Nanoparticles for Breast Cancer. <b>2021</b> , 2867-2872	
140	A polymeric micellar drug delivery system developed through a design of Experiment approach improves pancreatic tumor accumulation of calcipotriol and paclitaxel. <b>2021</b> , 601, 120523	3
139	A Systematic Review of Biosynthesized Metallic Nanoparticles as a Promising Anti-Cancer-Strategy. <b>2021</b> , 13,	26
138	The past, present, and future of breast cancer models for nanomedicine development. <b>2021</b> , 173, 306-330	22
137	Polymeric Nanocomposites for Cancer-Targeted Drug Delivery. <b>2022</b> , 241-270	1
136	Super Magnetic Niosomal Nanocarrier as a New Approach for Treatment of Breast Cancer: A Case Study on SK-BR-3 and MDA-MB-231 Cell Lines. <b>2021</b> , 22,	6

135	Targeting Systems to the Brain Obtained by Merging Prodrugs, Nanoparticles, and Nasal Administration. <b>2021</b> , 13,	1
134	Optimization of Solid Lipid Nanoparticles and Nanostructured Lipidic Carriers as Promising Delivery for Gefitinib: Characterization and Invitro Evaluation. <b>2021</b> , 16, 170-183	0
133	Plausible role of chitosan in drug and gene delivery against resistant breast cancer cells. <b>2021</b> , 506, 108357	5
132	Recent advances in anticancer and antimicrobial activity of silver nanoparticles synthesized using phytochemicals and organic polymers. <b>2021</b> , 32,	3
131	Synthesis of NaYF <sub>4</sub> :20% Yb <sup>3+</sup> ,2% Er <sup>3+</sup> ,2% Ce <sup>3+</sup> @NaYF <sub>4</sub> nanorods and their size dependent uptake efficiency under flow condition. <b>2021</b> ,	0
130	Effective potentials induced by mixtures of patchy and hard co-solutes. <b>2021</b> , 155, 064901	0
129	Modulation of Colorectal Tumor Behavior via lncRNA TP53TG1-Lipidic Nanosystem. <b>2021</b> , 13,	0
128	Engineering Nanorobots for Tumor-Targeting Drug Delivery: From Dynamic Control to Stimuli-Responsive Strategy. <b>2021</b> , 22, 3369-3380	2
127	Femtosecond laser generation of bimetallic oxide nanoparticles with potential X-ray absorbing and magnetic functionalities for medical imaging applications. <b>2021</b> , 47, 29363-29370	0
126	Amyloid Beta42 (A $\beta$ 2) Peptide Functionalized Iron Oxide Nanoparticles for Specific Targeting of SH-SY5Y Neuroblastoma Cells. <b>2021</b> , 21, 5044-5050	
125	Crystalline Gold nanoparticles adjusted by carboxymethyl cellulose and citrate salt: Fabrication, characterization, and in vitro anticancer activity. <b>2021</b> , 340, 117202	0
124	Superparamagnetic nanoarchitectures: Multimodal functionalities and applications. <b>2021</b> , 538, 168300	5
123	When metal-organic framework mediated smart drug delivery meets gastrointestinal cancers. <b>2021</b> , 9, 3967-3982	5
122	Nanocarriers for the Diagnosis and Treatment of Cancer. <b>2021</b> , 223-252	
121	Evaluation of Nanotargeted In-Cyclic RGDfK-Liposome in a Human Melanoma Xenotransplantation Model. <b>2021</b> , 22,	0
120	Tumor-Targeted Nanoparticles: State-of-the-Art and Remaining Challenges. 1	2
119	Long Circulation and Tumor Accumulation. <b>2013</b> , 543-571	2
118	Multiple Myeloma: Role of Magnetic Nanoparticles. <b>2020</b> , 479-494	1

117	Advances in Spray Drying Technology for Nanoparticle Formation. <b>2016</b> , 329-346	4
116	Nanometals in Cancer Diagnosis and Therapy. <b>2018</b> , 407-428	1
115	Nanoparticles for the Improved Crop Production. <b>2019</b> , 85-106	8
114	Nanotechnology and primary hemostasis: Differential effects of nanoparticles on platelet responses. <b>2018</b> , 101, 1-8	26
113	Bioinspired Structures and Design. <b>2020</b> ,	1
112	Chapter 7:Outstanding Features of Starch-based Hydrogel Nanocomposites. <b>2015</b> , 236-262	1
111	Chapter 3:Rational Design of Translational Nanocarriers. <b>2013</b> , 32-62	2
110	Multiscale Simulation of Nanoparticle Transport in Deformable Tissue during an Infusion Process in Hyperthermia Treatments of Cancers. <b>2012</b> , 69-96	2
109	The Method of Small-Angle X-ray Scattering and Its Application to the Structural Analysis of Oligo- and Polysaccharides in Solution. <b>2016</b> , 281-340	2
108	A polymer-based magnetic resonance tracer for visualization of solid tumors by <sup>13</sup> C spectroscopic imaging. <b>2014</b> , 9, e102132	2
107	Review on targeted drug delivery against intracellular pathogen. <b>2018</b> , 6,	1
106	Artesunate-modified nano-graphene oxide for chemo-photothermal cancer therapy. <b>2017</b> , 8, 93800-93812	17
105	Nanoparticles in Combating Cancer: Opportunities and Limitations. A Brief Review. <b>2021</b> , 28, 346-359	16
104	Recent Insights into Effective Nanomaterials and Biomacromolecules Conjugation in Advanced Drug Targeting. <b>2019</b> , 20, 526-541	14
103	Nanotechnology: Nanomedicine, Nanotoxicity and Future Challenges. <b>2018</b> , 9, 64-78	15
102	Nanotechnologies for Boswellic Acids. <b>2013</b> , 4, 1-11	22
101	Dependence of Laser Ablation Produced Gold Nanoparticles Characteristics on the Fluence of Laser Pulse. <b>2013</b> , 03, 101-106	13
100	Antitumor effects of the benzophenanthridine alkaloid sanguinarine: Evidence and perspectives. <b>2016</b> , 8, 30-9	43

- 99 Curcumin-encapsulating Nanogels as an Effective Anticancer Formulation for Intracellular Uptake. **2015**, 7, 25-40 18
- 98 Recent Advances on Nanotechnology Applications to Cancer Drug Therapy. 1
- 97 Development of polymeric nanopaclitaxel and comparison with free paclitaxel for effects on cell proliferation of MCF-7 and B16F0 carcinoma cells. **2014**, 15, 2335-40 13
- 96 Porphyrin-Based Nanomaterials for Cancer Nanotheranostics. **2021**, 275-295 0
- 95 One Pot Synthesis of PEGylated Bimetallic Gold-Silver Nanoparticles for Imaging and Radiosensitization of Oral Cancers. **2021**, 16, 7103-7121 0
- 94 Bombesin Peptide Conjugated Water-Soluble Chitosan Gallate-A New Nanopharmaceutical Architecture for the Rapid One-Pot Synthesis of Prostate Tumor Targeted Gold Nanoparticles. **2021**, 16, 6957-6981 3
- 93 Chapter 10:Nanomedicine and Nanotoxicology. **2012**, 551-588
- 92 Emerging Potential of Nanoparticles for the Treatment of Solid Tumors and Metastasis. **2013**, 1-28
- 91 Targeted Materials. **2014**, 177-223
- 90 Polymers in Oncology. **2015**, 297-317
- 89 Aberrant Signaling Pathways: Hallmark of Cancer Cells and Target for Nanotherapeutics. 1-35
- 88 Nanocarriers: siRNA Delivery. 5045-5061
- 87 Fabrication of Galactosylated Alginate Nanoparticles as Drug Delivery System for Hepatocellular Carcinoma. **2016**, 06, 23-32
- 86 Implementation of Nanoparticles in Cancer Therapy. **2017**, 1212-1257
- 85 Nanoparticles in Cancer Therapy. **2018**, 603-628
- 84 Nanotechnology: The Future for Cancer Treatment. **2019**, 389-418
- 83 Nanoparticle enhanced optical biosensing technologies for Prostate Specific Antigen biomarker detection. **2020**, PP, 1
- 82 Combined Photothermotherapy and Chemotherapy of Oral Squamous Cell Carcinoma Guided by Multifunctional Nanomaterials Enhanced Photoacoustic Tomography. **2021**, 16, 7373-7390 0

81	Surface Modification Strategies in Enhancing Systemic Delivery Performance. <b>2020</b> , 365-392	0
80	Subcellular Organelle Toxicity Caused by Arsenic Nanoparticles in Isolated Rat Hepatocytes. <b>2020</b> , 11, 41-52	5
79	Rod-shaped ZnO nanoparticles: synthesis, comparison and in vitro evaluation of their apoptotic activity in lung cancer cells. 1	0
78	Functionalized niosomes as a smart delivery device in cancer and fungal infection. <b>2021</b> , 168, 106052	5
77	Recent advances in hepatocellular carcinoma therapeutic strategies and imaging-guided treatment. <b>2021</b> , 1-15	1
76	Layered zinc hydroxide as vehicle for drug delivery systems: a critical review. 1	0
75	Bridging the Gap of Drug Delivery in Colon Cancer: The Role of Chitosan and Pectin Based Nanocarriers System. <b>2020</b> , 17, 911-924	0
74	Lung cancer cellular apoptosis induced by recombinant human endostatin gold nanoshell-mediated near-infrared thermal therapy. <b>2015</b> , 8, 8758-66	7
73	Polymeric nanocomposites loaded with fluoridated hydroxyapatite Ln(3+) (Ln = Eu or Tb)/iron oxide for magnetic targeted cellular imaging. <b>2015</b> , 12, 175-83	6
72	SWCNTs/ZnO-Ag/ZnO-Au nanocomposite increases bactericidal activity of phagocytic cells against Staphylococcus aureus. <b>2021</b> ,	0
71	Morphological aspects of opossum (Didelphis aurita) pancreas during intramarsupial development.	0
70	Nanotechnology: An Emerging Field in Protein Aggregation and Cancer Therapeutics. <b>2022</b> , 177-207	
69	SWCNTs/ZnO-Ag/ZnO-Au nanocomposite enhance Trastuzumab triggers phagocytic killing of SKOV-3 cells by interaction with Fcγ receptor. <b>2021</b> ,	
68	External stimuli-responsive nanomedicine for cancer immunotherapy. <b>2021</b> ,	
67	Heterogeneous multi-compartmental DNA hydrogel particles prepared microfluidic assembly for lymphocyte-inspired precision medicine. <b>2021</b> ,	1
66	The influence of surface charge on the tumor-targeting behavior of FeO nanoparticles for MRI.. <b>2022</b> ,	0
65	Current Trends in Engineered Gold Nanoparticles for Cancer Therapy. <b>2021</b> , 1-40	2
64	Theranostic Effect of Folic Acid Functionalized MIL-100(Fe) for Delivery of Prodigiosin and Simultaneous Tracking-Combating Breast Cancer. <b>2022</b> , 2022, 1-16	0

63	Encapsulation, Release, and Cytotoxicity of Doxorubicin Loaded in Liposomes, Micelles, and Metal-Organic Frameworks: A Review.. <b>2022</b> , 14,	5
62	Synthesis and Potential Applications of Lipid Nanoparticles in Medicine.. <b>2022</b> , 15,	3
61	Progress in cancer drug delivery based on AS1411 oriented nanomaterials.. <b>2022</b> , 20, 57	4
60	Multifunctional cyclodextrin nanoparticles: A promising theranostic tool for strategic targeting of cancer. <b>2022</b> , 485-515	1
59	The Optimized Delivery of Triterpenes by Liposomal Nanoformulations: Overcoming the Challenges.. <b>2022</b> , 23,	0
58	Using peptides to promote delivery and improve anti-tumour efficacy of liposomal drug.. <b>2021</b> , 1-33	0
57	Cardiac stem cells: Current knowledge and future prospects.. <b>2022</b> , 14, 1-40	2
56	Comparative study of one pot synthesis of PEGylated gold and silver nanoparticles for imaging and radiosensitization of oral cancers. <b>2022</b> , 194, 109990	1
55	Applications of plant-based nanoparticles in nanomedicine: A review. <b>2022</b> , 25, 100606	9
54	Introduction to Nanoparticulate Drug Delivery Systems. <b>2022</b> , 3-23	
53	Magnetic Solid Nanoparticles and Their Counterparts: Recent Advances towards Cancer Theranostics.. <b>2022</b> , 14,	3
52	Hyaluronate-coated perfluoroalkyl polyamine prodrugs as bioactive siRNA delivery systems for the treatment of peritoneal cancers. <b>2022</b> , 212755	0
51	Liposome-Tethered Gold Nanoparticles Triggered by Pulsed NIR Light for Rapid Liposome Contents Release and Endosome Escape.. <b>2022</b> , 14,	0
50	Immunomodulatory effect of mushrooms and their bioactive compounds in cancer: A comprehensive review. <b>2022</b> , 149, 112901	3
49	Green fabrication of silver nanoparticles mediated by <i>Bistorta officinalis</i> aqueous extract: putative mechanism for apoptosis-inducing properties. 1-9	
48	PLGA Nanoparticles in Drug Delivery. <b>2022</b> , 217-260	4
47	Novel Selectively Targeted Multifunctional Nanostructured Lipid Carriers for Prostate Cancer Treatment.. <b>2021</b> , 14,	1
46	Recent Advances in the Local Drug Delivery Systems for Improvement of Anticancer Therapy.. <b>2021</b> , ,	0

45	Quantitative Evaluation of Dendritic Nanoparticles in Mice: Biodistribution Dynamics and Downstream Tumor Efficacy Outcomes. <b>2021</b> ,	
44	Liposomal Drug Delivery And Its Potential Impact On Cancer Research.. <b>2022</b> ,	2
43	Comprehensive comparison of theranostic nanoparticles in breast cancer.. <b>2022</b> , 11, 1-27	
42	Fundamentals of photodynamic therapy. <b>2022</b> , 51-88	1
41	A Dual-Mode Imaging Nanoparticle Probe Targeting PD-L1 for Triple-Negative Breast Cancer. <b>2022</b> , 2022, 1-8	
40	Biogenic synthesis of gold nanoparticles using red seaweed <i>Champia parvula</i> and its anti-oxidant and anticarcinogenic activity on lung cancer. 1-9	1
39	A Review on Green Synthesis of Silver Nanoparticles and its Role Against Cancer.. <b>2022</b> , 22,	0
38	Recent Progress of Rare Earth Doped Hydroxyapatite Nanoparticles: Luminescence Properties, Synthesis and Biomedical Applications. <b>2022</b> ,	2
37	Nano-Based Drug Delivery of Anticancer Chemotherapeutic Drugs Targeting Breast Cancer. <b>2022</b> , 17,	
36	Anticancer activity of silver nanoparticles from the aqueous extract of <i>Dictyota ciliolata</i> on non-small cell lung cancer cells. <b>2022</b> , 74, 103525	3
35	Recent trends in the application of nanoparticles in cancer therapy: The involvement of oxidative stress. <b>2022</b> , 348, 287-304	1
34	Polydopamine surface-modified nanocarriers for improved anticancer activity: Current progress and future prospects. <b>2022</b> , 100059	2
33	Green synthesis of silver and gold nanoparticles and their potential applications as therapeutics in cancer therapy; a review. <b>2022</b> , 143, 109610	2
32	Poly(N-isopropylacrylamide)-based temperature- and pH-responsive polymer materials for application in biomedical fields.	1
31	Zwitterionic Amino Acid Polymer-Grafted Core-Crosslinked Particle toward Tumor Delivery.	0
30	A Multifunctional Non-viral Vector for the Delivery of MTH1-targeted CRISPR/Cas9 System for Non-Small Cell Lung Cancer Therapy. <b>2022</b> ,	0
29	Tumor adhesion molecule targeting for breast cancer nanomedicine. <b>2022</b> , 257-280	0
28	Recent advances on drug delivery nanoplatfoms for the treatment of autoimmune inflammatory diseases.	0

27	Lipid-Based Nanomaterials for Drug Delivery Systems in Breast Cancer Therapy. <b>2022</b> , 12, 2948	0
26	Lipid-based nanocarrier mediated CRISPR/Cas9 delivery for cancer therapy. 1-21	0
25	Knowledge, Attitude and Practice of the use of Nanoparticles in the Treatment of Oral Cancer Patients. <b>2022</b> , 03,	0
24	Nanoparticle-Labeled Exosomes as Theranostic Agents: A Review. <b>2022</b> , 5, 12265-12275	0
23	Dendrimers as Targeted Systems for Selective Gene and Drug Delivery. <b>2022</b> , 361-397	0
22	Microfluidic production of mRNA-loaded lipid nanoparticles for vaccine applications. <b>2022</b> , 19, 1381-1395	2
21	Biogenic Metallic Nanoparticles from Seed Extracts: Characteristics, Properties, and Applications. <b>2022</b> , 2022, 1-22	0
20	Biomimetic nanoparticles for tumor immunotherapy. 10,	0
19	Recent advances of metal-based nanoparticles in nucleic acid delivery for therapeutic applications. <b>2022</b> , 20,	1
18	Nanoparticles in biology and medicine. <b>2022</b> , 78-83	0
17	Near-infrared upconversion multimodal nanoparticles for targeted radionuclide therapy of breast cancer lymphatic metastases. 13,	0
16	Bioinspired Polyethylene Glycol Coatings for Reduced NanoparticleProtein Interactions.	0
15	Multivalent effect of peptide functionalized polymeric nanoparticles towards selective prostate cancer targeting.	0
14	A novel combination for the treatment of small cell lung cancer: Active targeted irinotecan and stattic co-loaded PLGA nanoparticles. <b>2023</b> , 632, 122573	0
13	Myocardial Cell Preservation from Potential Cardiotoxic Drugs: The Role of Nanotechnologies. <b>2023</b> , 15, 87	0
12	Rheology of Pseudomonas fluorescens biofilms: from experiments to DPD mesoscopic modelling.	0
11	Aptamer-functionalized dendrimers for targeted cancer therapy. <b>2023</b> , 255-275	0
10	Chitosan/gelatin hybrid nanogel containing doxorubicin as enzyme-responsive drug delivery system for breast cancer treatment.	0

- 9 Boron Nanoparticle The Least Studied Nanoparticle. ○
- 8 Polymer-based nanotheranostics: current status and challenges. **2023**, 1-12 ○
- 7 The State of the Art of Natural Polymer Functionalized Fe<sub>3</sub>O<sub>4</sub> Magnetic Nanoparticle Composites for Drug Delivery Applications: A Review. **2023**, 9, 121 1
- 6 Theranostic Activity of Ceria-Based Nanoparticles toward Parental and Metastatic Melanoma: 2D vs 3D Models. **2023**, 9, 1053-1065 ○
- 5 Effects of Diamond Nanoparticles Immobilisation on the Surface of Yeast Cells: A Phenomenological Study. **2023**, 9, 162 ○
- 4 Preparation of a 3D printable high-performance GelMA hydrogel loading with magnetic cobalt ferrite nanoparticles. 11, ○
- 3 Mathematical modeling and simulation of enhanced permeation and retention (EPR) effect with thermal analysis. **2023**, 115-126 ○
- 2 Polymer-based nanotheranostics: current status and challenges. **2023**, 1-12 ○
- 1 Nanoengineering diatoms in microfluidic lab on chip devices. **2023**, 95-124 ○