

P Couvreur

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1418718/p-couvreur-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. 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.

543
papers

51,082
citations

103
h-index

210
g-index

576
ext. papers

55,190
ext. citations

7.6
avg, IF

7.79
L-index

#	Paper	IF	Citations
543	Stimuli-responsive nanocarriers for drug delivery. <i>Nature Materials</i> , 2013 , 12, 991-1003	27	4217
542	Metal-organic frameworks in biomedicine. <i>Chemical Reviews</i> , 2012 , 112, 1232-68	68.1	3131
541	Porous metal-organic-framework nanoscale carriers as a potential platform for drug delivery and imaging. <i>Nature Materials</i> , 2010 , 9, 172-8	27	3109
540	Nanoparticles in cancer therapy and diagnosis. <i>Advanced Drug Delivery Reviews</i> , 2002 , 54, 631-51	18.5	2246
539	Magnetic nanoparticles: design and characterization, toxicity and biocompatibility, pharmaceutical and biomedical applications. <i>Chemical Reviews</i> , 2012 , 112, 5818-78	68.1	1504
538	Nanocarriers' entry into the cell: relevance to drug delivery. <i>Cellular and Molecular Life Sciences</i> , 2009 , 66, 2873-96	10.3	1133
537	Design, functionalization strategies and biomedical applications of targeted biodegradable/biocompatible polymer-based nanocarriers for drug delivery. <i>Chemical Society Reviews</i> , 2013 , 42, 1147-235	58.5	979
536	BioMOFs: metal-organic frameworks for biological and medical applications. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6260-6	16.4	932
535	Nanotechnology: intelligent design to treat complex disease. <i>Pharmaceutical Research</i> , 2006 , 23, 1417-50.5	18.5	725
534	Nanoparticles in cancer therapy and diagnosis. <i>Advanced Drug Delivery Reviews</i> , 2012 , 64, 24-36	18.5	533
533	Nanoparticles in drug delivery: past, present and future. <i>Advanced Drug Delivery Reviews</i> , 2013 , 65, 21-3	18.5	461
532	Polyunsaturated fatty acids (PUFA) and eicosanoids in human health and pathologies. <i>Biomedicine and Pharmacotherapy</i> , 2002 , 56, 215-22	7.5	416
531	Poly(alkylcyanoacrylates) as biodegradable materials for biomedical applications. <i>Advanced Drug Delivery Reviews</i> , 2003 , 55, 519-48	18.5	408
530	Folate-conjugated iron oxide nanoparticles for solid tumor targeting as potential specific magnetic hyperthermia mediators: synthesis, physicochemical characterization, and in vitro experiments. <i>Bioconjugate Chemistry</i> , 2005 , 16, 1181-8	6.3	400
529	Design of folic acid-conjugated nanoparticles for drug targeting. <i>Journal of Pharmaceutical Sciences</i> , 2000 , 89, 1452-64	3.9	396
528	Polysaccharide-decorated nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004 , 58, 327-41	5.7	384
527	Nanocapsule technology: a review. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2002 , 19, 99-134	2.8	376

526	Polycyanoacrylate nanocapsules as potential lysosomotropic carriers: preparation, morphological and sorptive properties. <i>Journal of Pharmacy and Pharmacology</i> , 1979 , 31, 331-2	4.8	352
525	Nanotheranostics for personalized medicine. <i>Advanced Drug Delivery Reviews</i> , 2012 , 64, 1394-416	18.5	349
524	Long-circulating PEGylated polycyanoacrylate nanoparticles as new drug carrier for brain delivery. <i>Pharmaceutical Research</i> , 2001 , 18, 1157-66	4.5	345
523	Stealth PEGylated polycyanoacrylate nanoparticles for intravenous administration and splenic targeting. <i>Journal of Controlled Release</i> , 1999 , 60, 121-8	11.7	328
522	Nanoparticles of Metal-Organic Frameworks: On the Road to In Vivo Efficacy in Biomedicine. <i>Advanced Materials</i> , 2018 , 30, e1707365	24	325
521	Targeted delivery of antibiotics using liposomes and nanoparticles: research and applications. <i>International Journal of Antimicrobial Agents</i> , 2000 , 13, 155-68	14.3	310
520	New approach for oral administration of insulin with polyalkylcyanoacrylate nanocapsules as drug carrier. <i>Diabetes</i> , 1988 , 37, 246-51	0.9	299
519	Development of a new drug carrier made from alginate. <i>Journal of Pharmaceutical Sciences</i> , 1993 , 82, 912-7	3.9	283
518	Self-assembled multicompartement liquid crystalline lipid carriers for protein, peptide, and nucleic acid drug delivery. <i>Accounts of Chemical Research</i> , 2011 , 44, 147-56	24.3	266
517	Pharmacokinetics and distribution of a biodegradable drug-carrier. <i>International Journal of Pharmaceutics</i> , 1983 , 15, 335-345	6.5	262
516	Squalenoyl nanomedicines as potential therapeutics. <i>Nano Letters</i> , 2006 , 6, 2544-8	11.5	258
515	Colloidal carriers and blood-brain barrier (BBB) translocation: a way to deliver drugs to the brain?. <i>International Journal of Pharmaceutics</i> , 2005 , 298, 274-92	6.5	256
514	Degradation of poly (isobutyl cyanoacrylate) nanoparticles. <i>Biomaterials</i> , 1984 , 5, 65-8	15.6	250
513	Development and brain delivery of chitosan-PEG nanoparticles functionalized with the monoclonal antibody OX26. <i>Bioconjugate Chemistry</i> , 2005 , 16, 1503-11	6.3	247
512	In depth analysis of the in vivo toxicity of nanoparticles of porous iron(III) metalorganic frameworks. <i>Chemical Science</i> , 2013 , 4, 1597	9.4	245
511	Puromycin-based purification of rat brain capillary endothelial cell cultures. Effect on the expression of blood-brain barrier-specific properties. <i>Journal of Neurochemistry</i> , 2005 , 93, 279-89	6	239
510	Nanoprecipitation and the "Ouzo effect": Application to drug delivery devices. <i>Advanced Drug Delivery Reviews</i> , 2014 , 71, 86-97	18.5	236
509	Reversion of multidrug resistance by co-encapsulation of doxorubicin and cyclosporin A in polyalkylcyanoacrylate nanoparticles. <i>Biomaterials</i> , 2000 , 21, 1-7	15.6	230

508	Prodrug-based intracellular delivery of anticancer agents. <i>Advanced Drug Delivery Reviews</i> , 2011 , 63, 3-23	18.5	224
507	Squalene: A natural triterpene for use in disease management and therapy. <i>Advanced Drug Delivery Reviews</i> , 2009 , 61, 1412-26	18.5	220
506	Nano- and microparticles for the delivery of polypeptides and proteins. <i>Advanced Drug Delivery Reviews</i> , 1993 , 10, 141-162	18.5	215
505	Poly(ethylene glycol)-coated hexadecylcyanoacrylate nanospheres display a combined effect for brain tumor targeting. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002 , 303, 928-36	4.7	214
504	Drug delivery to resistant tumors: the potential of poly(alkyl cyanoacrylate) nanoparticles. <i>Journal of Controlled Release</i> , 2003 , 93, 151-60	11.7	211
503	Recent trends in the design of anticancer polymer prodrug nanocarriers. <i>Polymer Chemistry</i> , 2014 , 5, 1529-1544	4.9	210
502	Nanotechnologies for Alzheimer's disease: diagnosis, therapy, and safety issues. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011 , 7, 521-40	6	199
501	Nanocarriers for antibiotics: a promising solution to treat intracellular bacterial infections. <i>International Journal of Antimicrobial Agents</i> , 2014 , 43, 485-96	14.3	197
500	Optimisation of the synthesis of MOF nanoparticles made of flexible porous iron fumarate MIL-88A. <i>Journal of Materials Chemistry</i> , 2011 , 21, 2220-2227		197
499	II. Glutamine and glutamate. <i>Biomedicine and Pharmacotherapy</i> , 2002 , 56, 446-57	7.5	195
498	Nanocapsules as carriers for oral peptide delivery. <i>Journal of Controlled Release</i> , 1990 , 13, 233-239	11.7	195
497	"Smart" delivery of antisense oligonucleotides by anionic pH-sensitive liposomes. <i>Advanced Drug Delivery Reviews</i> , 2004 , 56, 931-46	18.5	182
496	Toxicity of polyalkylcyanoacrylate nanoparticles II: Doxorubicin-loaded nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 1982 , 71, 790-2	3.9	181
495	Visualization of in vitro protein-rejecting properties of PEGylated stealth polycyanoacrylate nanoparticles. <i>Biomaterials</i> , 1999 , 20, 1269-75	15.6	179
494	Increase of doxorubicin sensitivity by doxorubicin-loading into nanoparticles for hepatocellular carcinoma cells in vitro and in vivo. <i>Journal of Hepatology</i> , 2005 , 42, 736-43	13.4	173
493	Surface-engineered nanoparticles for multiple ligand coupling. <i>Biomaterials</i> , 2003 , 24, 4529-37	15.6	168
492	Squalenoyl adenosine nanoparticles provide neuroprotection after stroke and spinal cord injury. <i>Nature Nanotechnology</i> , 2014 , 9, 1054-1062	28.7	163
491	A unique squalenoylated and nonpegylated doxorubicin nanomedicine with systemic long-circulating properties and anticancer activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E217-26	11.5	163

490	Nanoparticulate systems for the delivery of antisense oligonucleotides. <i>Advanced Drug Delivery Reviews</i> , 2001 , 47, 99-112	18.5	163
489	The Design of Nanoparticles Obtained by Solvent Evaporation: A Comprehensive Study. <i>Langmuir</i> , 2003 , 19, 9504-9510	4	158
488	Influence of polysaccharide coating on the interactions of nanoparticles with biological systems. <i>Biomaterials</i> , 2006 , 27, 108-18	15.6	156
487	Study of emulsion stabilization by graft copolymers using the optical analyzer Turbiscan. <i>International Journal of Pharmaceutics</i> , 2003 , 254, 77-82	6.5	156
486	Cyclodextrins for drug delivery. <i>Journal of Drug Targeting</i> , 2010 , 18, 645-56	5.4	151
485	I. Arginine. <i>Biomedicine and Pharmacotherapy</i> , 2002 , 56, 439-45	7.5	151
484	Translocation of poly(ethylene glycol-co-hexadecyl)cianoacrylate nanoparticles into rat brain endothelial cells: role of apolipoproteins in receptor-mediated endocytosis. <i>Biomacromolecules</i> , 2007 , 8, 793-9	6.9	150
483	PEGylated nanoparticles bind to and alter amyloid-beta peptide conformation: toward engineering of functional nanomedicines for Alzheimer's disease. <i>ACS Nano</i> , 2012 , 6, 5897-908	16.7	141
482	A nanomedicine transports a peptide caspase-3 inhibitor across the blood-brain barrier and provides neuroprotection. <i>Journal of Neuroscience</i> , 2009 , 29, 13761-9	6.6	139
481	Low-density lipoprotein receptor-mediated endocytosis of PEGylated nanoparticles in rat brain endothelial cells. <i>Cellular and Molecular Life Sciences</i> , 2007 , 64, 356-64	10.3	139
480	Adsorption of antineoplastic drugs to polyalkylcyanoacrylate nanoparticles and their release in calf serum. <i>Journal of Pharmaceutical Sciences</i> , 1979 , 68, 1521-4	3.9	139
479	Complement consumption by poly(ethylene glycol) in different conformations chemically coupled to poly(isobutyl 2-cyanoacrylate) nanoparticles. <i>Life Sciences</i> , 1997 , 61, 749-61	6.8	137
478	Nanocapsules: a new type of lysosomotropic carrier. <i>FEBS Letters</i> , 1977 , 84, 323-6	3.8	134
477	Alkylcyanoacrylate drug carriers: II. Cytotoxicity of cyanoacrylate nanoparticles with different alkyl chain length. <i>International Journal of Pharmaceutics</i> , 1992 , 84, 13-22	6.5	133
476	Design of nanoparticles of less than 50 nm diameter: preparation, characterization and drug loading. <i>International Journal of Pharmaceutics</i> , 1990 , 62, 1-7	6.5	133
475	Polyisobutylcyanoacrylate nanocapsules containing an aqueous core as a novel colloidal carrier for the delivery of oligonucleotides. <i>Pharmaceutical Research</i> , 2000 , 17, 707-14	4.5	132
474	Doxorubicin-loaded nanospheres bypass tumor cell multidrug resistance. <i>Biochemical Pharmacology</i> , 1992 , 44, 509-17	6	129
473	Squalene based nanocomposites: a new platform for the design of multifunctional pharmaceutical theragnostics. <i>ACS Nano</i> , 2011 , 5, 1513-21	16.7	128

472	New self-assembled nanogels based on host-guest interactions: characterization and drug loading. <i>Journal of Controlled Release</i> , 2006 , 111, 316-24	11.7	127
471	Reversion of multidrug resistance with polyalkylcyanoacrylate nanoparticles: towards a mechanism of action. <i>British Journal of Cancer</i> , 1997 , 76, 198-205	8.7	126
470	Polyalkylcyanoacrylate nanoparticles as polymeric carriers for antisense oligonucleotides. <i>Pharmaceutical Research</i> , 1992 , 9, 441-9	4.5	126
469	New approach for oral administration of insulin with polyalkylcyanoacrylate nanocapsules as drug carrier. <i>Diabetes</i> , 1988 , 37, 246-251	0.9	126
468	Analysis of plasma protein adsorption onto PEGylated nanoparticles by complementary methods: 2-DE, CE and Protein Lab-on-chip system. <i>Electrophoresis</i> , 2007 , 28, 2252-61	3.6	125
467	Metallic colloid nanotechnology, applications in diagnosis and therapeutics. <i>Current Pharmaceutical Design</i> , 2005 , 11, 2095-105	3.3	125
466	Poly(alkyl cyanoacrylate) nanospheres for oral administration of insulin. <i>Journal of Pharmaceutical Sciences</i> , 1997 , 86, 1403-9	3.9	122
465	Phase I clinical trial and pharmacokinetic evaluation of doxorubicin carried by polyisohexylcyanoacrylate nanoparticles. <i>Investigational New Drugs</i> , 1992 , 10, 191-9	4.3	122
464	Treatment of experimental salmonellosis in mice with ampicillin-bound nanoparticles. <i>Antimicrobial Agents and Chemotherapy</i> , 1989 , 33, 1540-3	5.9	122
463	Tissue distribution of antitumor drugs associated with polyalkylcyanoacrylate nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 1980 , 69, 199-202	3.9	120
462	Cyclodextrin and polysaccharide-based nanogels: entrapment of two hydrophobic molecules, benzophenone and tamoxifen. <i>Biomacromolecules</i> , 2009 , 10, 547-54	6.9	119
461	PEGylated polycyanoacrylate nanoparticles as vector for drug delivery in prion diseases. <i>Journal of Neuroscience Methods</i> , 2001 , 111, 151-5	3	119
460	Quantification and localization of PEGylated polycyanoacrylate nanoparticles in brain and spinal cord during experimental allergic encephalomyelitis in the rat. <i>European Journal of Neuroscience</i> , 2002 , 15, 1317-26	3.5	118
459	Polysaccharides Grafted with Polyesters: Novel Amphiphilic Copolymers for Biomedical Applications. <i>Macromolecules</i> , 2002 , 35, 9861-9867	5.5	118
458	Intraocular injection of tamoxifen-loaded nanoparticles: a new treatment of experimental autoimmune uveoretinitis. <i>European Journal of Immunology</i> , 2004 , 34, 3702-12	6.1	116
457	Multicellular spheroid based on a triple co-culture: A novel 3D model to mimic pancreatic tumor complexity. <i>Acta Biomaterialia</i> , 2018 , 78, 296-307	10.8	115
456	Enhanced cytotoxicity of doxorubicin encapsulated in polyisohexylcyanoacrylate nanospheres against multidrug-resistant tumour cells in culture. <i>European Journal of Cancer</i> , 1994 , 30A, 89-93	7.5	115
455	Lipid conjugated oligonucleotides: a useful strategy for delivery. <i>Bioconjugate Chemistry</i> , 2012 , 23, 1091-104	6.04	114

454	Fe ₃ O ₄ /chitosan nanocomposite for magnetic drug targeting to cancer. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7622		114
453	Versatile and efficient targeting using a single nanoparticulate platform: application to cancer and Alzheimer's disease. <i>ACS Nano</i> , 2012 , 6, 5866-79	16.7	113
452	Biodegradable polyalkylcyanoacrylate nanoparticles for the delivery of oligonucleotides. <i>Journal of Controlled Release</i> , 1998 , 53, 137-43	11.7	113
451	Pegylated nanoparticles from a novel methoxypolyethylene glycol cyanoacrylate-hexadecyl cyanoacrylate amphiphilic copolymer. <i>Pharmaceutical Research</i> , 1998 , 15, 550-6	4.5	112
450	Preparation and in vitro evaluation of chitosan nanoparticles containing a caspase inhibitor. <i>International Journal of Pharmaceutics</i> , 2005 , 298, 378-83	6.5	112
449	Role of spleen macrophages in the clearance of scrapie agent early in pathogenesis. <i>Journal of Pathology</i> , 2000 , 190, 495-502	9.4	112
448	EWS fli-1 antisense nanocapsules inhibits ewing sarcoma-related tumor in mice. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 279, 401-6	3.4	112
447	In vitro model for the degradation of alkylcyanoacrylate nanoparticles. <i>Biomaterials</i> , 1990 , 11, 590-5	15.6	112
446	Adsorption of oligonucleotides onto polyisohexylcyanoacrylate nanoparticles protects them against nucleases and increases their cellular uptake. <i>Pharmaceutical Research</i> , 1994 , 11, 1370-8	4.5	110
445	Discovery of new hexagonal supramolecular nanostructures formed by squalenylation of an anticancer nucleoside analogue. <i>Small</i> , 2008 , 4, 247-53	11	106
444	Cationic vectors in ocular drug delivery. <i>Journal of Drug Targeting</i> , 2004 , 12, 623-33	5.4	106
443	Actinomycin D absorbed on polymethylcyanoacrylate nanoparticles: increased efficiency against an experimental tumor. <i>European Journal of Cancer</i> , 1980 , 16, 1441-5		105
442	Towards an improved anti-HIV activity of NRTI via metal-organic frameworks nanoparticles. <i>Advanced Healthcare Materials</i> , 2013 , 2, 1630-7	10.1	104
441	Uptake of doxorubicin from loaded nanoparticles in multidrug-resistant leukemic murine cells. <i>Cancer Chemotherapy and Pharmacology</i> , 1994 , 33, 504-8	3.5	104
440	Palladium: a future key player in the nanomedical field?. <i>Chemical Science</i> , 2015 , 6, 2153-2157	9.4	103
439	A new nanomedicine of gemcitabine displays enhanced anticancer activity in sensitive and resistant leukemia types. <i>Journal of Controlled Release</i> , 2007 , 124, 20-7	11.7	102
438	Tissue distribution of doxorubicin associated with polyisohexylcyanoacrylate nanoparticles. <i>Cancer Chemotherapy and Pharmacology</i> , 1990 , 26, 13-8	3.5	102
437	Self-assembled squalenoylated penicillin bioconjugates: an original approach for the treatment of intracellular infections. <i>ACS Nano</i> , 2012 , 6, 3820-31	16.7	100

436	Polymer nanocarriers for the delivery of small fragments of nucleic acids: oligonucleotides and siRNA. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 71, 490-504	5.7	100
435	Hepatic tissue distribution of doxorubicin-loaded nanoparticles after i.v. administration in reticulosarcoma M 5076 metastasis-bearing mice. <i>Cancer Chemotherapy and Pharmacology</i> , 1990 , 26, 122-6	3.5	100
434	Physicochemical characterization of ultrasmall superparamagnetic iron oxide particles (USPIO) for biomedical application as MRI contrast agents. <i>International Journal of Nanomedicine</i> , 2007 , 2, 609-22	7.3	98
433	Squalenoylation: a generic platform for nanoparticulate drug delivery. <i>Journal of Controlled Release</i> , 2012 , 161, 609-18	11.7	97
432	Novel core(polyester)-shell(polysaccharide) nanoparticles: protein loading and surface modification with lectins. <i>Journal of Controlled Release</i> , 2003 , 92, 103-12	11.7	97
431	Disposition kinetics and oral bioavailability of vincamine-loaded polyalkyl cyanoacrylate nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 1986 , 75, 955-8	3.9	97
430	Bio-MOFs: Metall-organische Gerüste für biologische und medizinische Anwendungen. <i>Angewandte Chemie</i> , 2010 , 122, 6400-6406	3.6	96
429	Multicellular tumor spheroids: a relevant 3D model for the in vitro preclinical investigation of polymer nanomedicines. <i>Polymer Chemistry</i> , 2017 , 8, 4947-4969	4.9	95
428	Temperature-dependent rheological behavior of Pluronic F-127 aqueous solutions. <i>International Journal of Pharmaceutics</i> , 1987 , 39, 121-127	6.5	95
427	Toxicity of polyalkylcyanoacrylate nanoparticles I: Free nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 1982 , 71, 786-90	3.9	95
426	A Smart Metal-Organic Framework Nanomaterial for Lung Targeting. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15565-15569	16.4	94
425	The effect of site of administration in the gastrointestinal tract on the absorption of insulin from nanocapsules in diabetic rats. <i>Journal of Pharmacy and Pharmacology</i> , 1991 , 43, 1-5	4.8	94
424	Multiple emulsion technology for the design of microspheres containing peptides and oligopeptides. <i>Advanced Drug Delivery Reviews</i> , 1997 , 28, 85-96	18.5	93
423	Nanotechnology for therapy and imaging of liver diseases. <i>Journal of Hepatology</i> , 2011 , 55, 1461-6	13.4	92
422	High-relaxivity magnetic resonance imaging (MRI) contrast agent based on supramolecular assembly between a gadolinium chelate, a modified dextran, and poly-beta-cyclodextrin. <i>Chemistry - A European Journal</i> , 2008 , 14, 4551-61	4.8	92
421	Novel polysaccharide-decorated poly(isobutyl cyanoacrylate) nanoparticles. <i>Pharmaceutical Research</i> , 2003 , 20, 1786-93	4.5	92
420	Small-angle neutron and X-ray scattering from amphiphilic stimuli-responsive diamond-type bicontinuous cubic phase. <i>Journal of the American Chemical Society</i> , 2007 , 129, 13474-9	16.4	91
419	Liposomes dispersed within a thermosensitive gel: a new dosage form for ocular delivery of oligonucleotides. <i>Pharmaceutical Research</i> , 1998 , 15, 1364-9	4.5	90

418	Novel approaches to deliver gemcitabine to cancers. <i>Current Pharmaceutical Design</i> , 2008 , 14, 1124-37	3.3	90
417	Efficacy of siRNA nanocapsules targeted against the EWS-Flt1 oncogene in Ewing sarcoma. <i>Pharmaceutical Research</i> , 2006 , 23, 892-900	4.5	90
416	Liposomes and nanoparticles in the treatment of intracellular bacterial infections. <i>Pharmaceutical Research</i> , 1991 , 8, 1079-86	4.5	90
415	Polyalkylcyanoacrylate nanoparticles as drug carrier: present state and perspectives. <i>Journal of Controlled Release</i> , 1991 , 17, 187-198	11.7	89
414	Encapsulation of gemcitabine lipophilic derivatives into polycyanoacrylate nanospheres and nanocapsules. <i>International Journal of Pharmaceutics</i> , 2007 , 344, 71-7	6.5	88
413	In vivo uptake of polyisobutyl cyanoacrylate nanoparticles by rat liver Kupffer, endothelial, and parenchymal cells. <i>Journal of Pharmaceutical Sciences</i> , 1984 , 73, 980-2	3.9	88
412	Doxorubicin-loaded nanoparticles: increased efficiency in murine hepatic metastases. <i>Selective Cancer Therapeutics</i> , 1989 , 5, 1-11		87
411	Negative preclinical results with stealth nanospheres-encapsulated Doxorubicin in an orthotopic murine brain tumor model. <i>Journal of Controlled Release</i> , 2004 , 100, 29-40	11.7	85
410	Porous metal organic framework nanoparticles to address the challenges related to busulfan encapsulation. <i>Nanomedicine</i> , 2011 , 6, 1683-95	5.6	84
409	Self-assembled nucleolipids: from supramolecular structure to soft nucleic acid and drug delivery devices. <i>Nucleic Acids Research</i> , 2012 , 40, 1891-903	20.1	84
408	Synthesis of poly(alkyl cyanoacrylate)-based colloidal nanomedicines. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2009 , 1, 111-127	9.2	83
407	The effect of suture technique on adhesion formation after flexor tendon repair for partial lacerations in a canine model. <i>Journal of Trauma</i> , 2001 , 51, 917-21		83
406	A relevant in vitro rat model for the evaluation of blood-brain barrier translocation of nanoparticles. <i>Cellular and Molecular Life Sciences</i> , 2005 , 62, 1400-8	10.3	82
405	Spongelike alginate nanoparticles as a new potential system for the delivery of antisense oligonucleotides. <i>Oligonucleotides</i> , 1999 , 9, 301-12		82
404	Lipid prodrug nanocarriers in cancer therapy. <i>Journal of Controlled Release</i> , 2015 , 208, 25-41	11.7	80
403	Small-Angle X-ray Scattering Investigations of Biomolecular Confinement, Loading, and Release from Liquid-Crystalline Nanochannel Assemblies. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 445-57	6.4	80
402	Squalenylation favorably modifies the in vivo pharmacokinetics and biodistribution of gemcitabine in mice. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 1570-7	4	80
401	Spontaneous association of hydrophobized dextran and poly-beta-cyclodextrin into nanoassemblies. Formation and interaction with a hydrophobic drug. <i>Journal of Colloid and Interface Science</i> , 2007 , 307, 83-93	9.3	79

400	Oligonucleotides encapsulated in pH sensitive liposomes are efficient toward Friend retrovirus. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 183, 879-85	3.4	79
399	Transmembrane diffusion of gemcitabine by a nanoparticulate squalenoyl prodrug: an original drug delivery pathway. <i>Journal of Controlled Release</i> , 2010 , 147, 163-70	11.7	77
398	Systemically administered brain-targeted nanoparticles transport peptides across the blood-brain barrier and provide neuroprotection. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 469-75	7.3	76
397	Radical Emulsion Polymerization of Alkylcyanoacrylates Initiated by the Redox System Dextran-Chitosan(IV) under Acidic Aqueous Conditions. <i>Macromolecules</i> , 2003 , 36, 6018-6027	5.5	76
396	Investigation of the role of macrophages on the cytotoxicity of doxorubicin and doxorubicin-loaded nanoparticles on M5076 cells in vitro. <i>Journal of Controlled Release</i> , 2000 , 68, 283-9	11.7	76
395	Squalenoyl gemcitabine nanomedicine overcomes the low efficacy of gemcitabine therapy in pancreatic cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011 , 7, 841-9	6	75
394	DNA/Fusogenic Lipid Nanocarrier Assembly: Millisecond Structural Dynamics. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 1959-64	6.4	73
393	Novel self-assembling nanogels: stability and lyophilisation studies. <i>International Journal of Pharmaceutics</i> , 2007 , 332, 185-91	6.5	73
392	Innovative nanotechnologies for the delivery of oligonucleotides and siRNA. <i>Biomedicine and Pharmacotherapy</i> , 2006 , 60, 607-20	7.5	72
391	Nanoparticles with in vivo anticancer activity from polymer prodrug amphiphiles prepared by living radical polymerization. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1678-82	16.4	71
390	Detailed structure of diamond-type lipid cubic nanoparticles. <i>Journal of the American Chemical Society</i> , 2006 , 128, 5813-7	16.4	71
389	Tamoxifen encapsulation within polyethylene glycol-coated nanospheres. A new antiestrogen formulation. <i>International Journal of Pharmaceutics</i> , 2001 , 214, 37-42	6.5	71
388	Intravitreal administration of antisense oligonucleotides: potential of liposomal delivery. <i>Progress in Retinal and Eye Research</i> , 2000 , 19, 131-47	20.5	71
387	Long-living intermediates during a lamellar to a diamond-cubic lipid phase transition: a small-angle X-ray scattering investigation. <i>Langmuir</i> , 2009 , 25, 3734-42	4	70
386	Adsorption/desorption of human serum albumin at the surface of poly(lactic acid) nanoparticles prepared by a solvent evaporation process. <i>Journal of Biomedical Materials Research Part B</i> , 1993 , 27, 1019-28		69
385	Physicochemical and morphological characterization of polyisobutyl cyanoacrylate nanocapsules. <i>Journal of Pharmaceutical Sciences</i> , 1986 , 75, 361-4	3.9	69
384	Synthesis, characterization, and in vivo delivery of siRNA-squalene nanoparticles targeting fusion oncogene in papillary thyroid carcinoma. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 4067-76	8.3	68
383	Facile Synthesis of Innocuous Comb-Shaped Polymethacrylates with PEG Side Chains by Nitroxide-Mediated Radical Polymerization in Hydroalcoholic Solutions. <i>Macromolecules</i> , 2010 , 43, 9291-9303	5.5	68

382	Synthesis of a Novel Poly(MePEG cyanoacrylate-co-alkyl cyanoacrylate) Amphiphilic Copolymer for Nanoparticle Technology. <i>Macromolecules</i> , 1997 , 30, 846-851	5.5	68
381	Specific antitumor targetable beta-cyclodextrin-poly(ethylene glycol)-folic acid drug delivery bioconjugate. <i>Bioconjugate Chemistry</i> , 2004 , 15, 997-1004	6.3	68
380	Heparin coated poly(alkylcyanoacrylate) nanoparticles coupled to hemoglobin: a new oxygen carrier. <i>Biomaterials</i> , 2004 , 25, 3081-6	15.6	68
379	Novel polyester-polysaccharide nanoparticles. <i>Pharmaceutical Research</i> , 2003 , 20, 1284-92	4.5	68
378	Increased bone marrow toxicity of doxorubicin bound to nanoparticles. <i>European Journal of Cancer</i> , 1994 , 30A, 820-6	7.5	68
377	Study of the mechanisms of formation of nanoparticles and nanocapsules of polyisobutyl-2-cyanoacrylate. <i>International Journal of Pharmaceutics</i> , 1993 , 100, 55-64	6.5	68
376	Antibody-functionalized polymer nanoparticle leading to memory recovery in Alzheimer's disease-like transgenic mouse model. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 609-618	6	67
375	Conjugation of squalene to gemcitabine as unique approach exploiting endogenous lipoproteins for drug delivery. <i>Nature Communications</i> , 2017 , 8, 15678	17.4	66
374	Novel nanoassemblies composed of squalenoyl-paclitaxel derivatives: synthesis, characterization, and biological evaluation. <i>Bioconjugate Chemistry</i> , 2010 , 21, 1349-61	6.3	66
373	New magnetic drug carrier. <i>Journal of Pharmacy and Pharmacology</i> , 1983 , 35, 59-61	4.8	66
372	Preclinical toxicology (subacute and acute) and efficacy of a new squalenoyl gemcitabine anticancer nanomedicine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 325, 484-90	4.7	66
371	Effectiveness of nanoparticle-bound ampicillin in the treatment of <i>Listeria monocytogenes</i> infection in athymic nude mice. <i>Antimicrobial Agents and Chemotherapy</i> , 1988 , 32, 1204-7	5.9	66
370	Reversion of multidrug resistance using nanoparticles in vitro: Influence of the nature of the polymer. <i>International Journal of Pharmaceutics</i> , 1996 , 138, 237-246	6.5	65
369	Development of a nanoparticle controlled-release formulation for human use. <i>Journal of Controlled Release</i> , 1986 , 3, 205-210	11.7	65
368	First peptide/protein PEGylation with functional polymers designed by nitroxide-mediated polymerization. <i>Polymer Chemistry</i> , 2011 , 2, 1523	4.9	64
367	Effect of polymeric nanoparticle administration on the clearance activity of the mononuclear phagocyte system in mice. <i>Journal of Biomedical Materials Research Part B</i> , 1996 , 31, 401-8		64
366	Development of sterically stabilized poly(isobutyl 2-cyanoacrylate) nanoparticles by chemical coupling of poly(ethylene glycol). <i>Journal of Biomedical Materials Research Part B</i> , 1997 , 34, 317-26		63
365	Novel PEGylated Nanoassemblies Made of Self-Assembled Squalenoyl Nucleoside Analogues. <i>Advanced Functional Materials</i> , 2008 , 18, 3715-3725	15.6	63

364	Nanotechnologies for drug delivery: Application to cancer and autoimmune diseases. <i>Progress in Solid State Chemistry</i> , 2006 , 34, 231-235	8	63
363	Pharmacokinetics and biodistribution of oligonucleotide adsorbed onto poly(isobutylcyanoacrylate) nanoparticles after intravenous administration in mice. <i>Pharmaceutical Research</i> , 1996 , 13, 38-43	4.5	63
362	Antiglaucomatous activity of betaxolol chlorhydrate sorbed onto different isobutylcyanoacrylate nanoparticle preparations. <i>International Journal of Pharmaceutics</i> , 1990 , 58, 115-122	6.5	63
361	Novel composite core-shell nanoparticles as busulfan carriers. <i>Journal of Controlled Release</i> , 2006 , 111, 271-80	11.7	62
360	Insulin-loaded nanocapsules for oral administration: In vitro and in vivo investigation. <i>Drug Development Research</i> , 2000 , 49, 109-117	5.1	62
359	Ability of doxorubicin-loaded nanoparticles to overcome multidrug resistance of tumor cells after their capture by macrophages. <i>Pharmaceutical Research</i> , 1999 , 16, 1710-6	4.5	62
358	Evaluation of hepatic antioxidant systems after intravenous administration of polymeric nanoparticles. <i>Biomaterials</i> , 1997 , 18, 511-7	15.6	60
357	Polyisoprenoyl gemcitabine conjugates self assemble as nanoparticles, useful for cancer therapy. <i>Cancer Letters</i> , 2013 , 334, 346-53	9.9	59
356	A methodology to study intracellular distribution of nanoparticles in brain endothelial cells. <i>International Journal of Pharmaceutics</i> , 2005 , 298, 310-4	6.5	59
355	Magnetically responsive microspheres for the pulsed delivery of insulin. <i>Life Sciences</i> , 1988 , 42, 1521-8	6.8	59
354	Therapeutic modalities of squalenoyl nanocomposites in colon cancer: an ongoing search for improved efficacy. <i>ACS Nano</i> , 2014 , 8, 2018-32	16.7	58
353	An efficient system for intracellular delivery of beta-lactam antibiotics to overcome bacterial resistance. <i>Scientific Reports</i> , 2015 , 5, 13500	4.9	58
352	Polyalkylcyanoacrylate nanoparticles for delivery of drugs across the blood-brain barrier. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2009 , 1, 463-74	9.2	57
351	Lymphatic targeting of polymeric nanoparticles after intraperitoneal administration in rats. <i>Pharmaceutical Research</i> , 1992 , 9, 1534-9	4.5	57
350	SG1 Nitroxide-Mediated Polymerization of Isoprene: Alkoxyamine Structure/Control Relationship and Chain-End Functionalization. <i>Macromolecules</i> , 2011 , 44, 9230-9238	5.5	56
349	Comblike Polymethacrylates with Poly(ethylene glycol) Side Chains via Nitroxide-Mediated Controlled Free-Radical Polymerization. <i>Macromolecules</i> , 2008 , 41, 3758-3761	5.5	56
348	Effect of nanoparticle-bound ampicillin on the survival of <i>Listeria monocytogenes</i> in mouse peritoneal macrophages. <i>Journal of Antimicrobial Chemotherapy</i> , 1992 , 30, 173-9	5.1	56
347	Efficient "green" encapsulation of a highly hydrophilic anticancer drug in metal-organic framework nanoparticles. <i>Journal of Drug Targeting</i> , 2015 , 23, 759-67	5.4	55

346	Development of ciprofloxacin-loaded nanoparticles: physicochemical study of the drug carrier. <i>Journal of Controlled Release</i> , 1998 , 56, 23-32	11.7	55
345	Study of the mechanism of insulin encapsulation in poly(isobutylcyanoacrylate) nanocapsules obtained by interfacial polymerization. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 47, 568-76		54
344	Nanoparticles as microcarriers for anticancer drugs. <i>Advanced Drug Delivery Reviews</i> , 1990 , 5, 209-230	18.5	54
343	Interactions of anticancer drugs with biomembranes: what can we learn from model membranes?. <i>Journal of Controlled Release</i> , 2014 , 190, 127-38	11.7	53
342	Characterization of a new ocular delivery system based on a dispersion of liposomes in a thermosensitive gel. <i>International Journal of Pharmaceutics</i> , 1998 , 162, 119-127	6.5	53
341	Encapsulation of mono- and oligo-nucleotides into aqueous-core nanocapsules in presence of various water-soluble polymers. <i>International Journal of Pharmaceutics</i> , 2007 , 331, 148-52	6.5	53
340	Extensive surface studies help to analyse zeta potential data: the case of cationic emulsions. <i>Chemistry and Physics of Lipids</i> , 2004 , 131, 1-13	3.7	53
339	Visualization of insulin-loaded nanocapsules: in vitro and in vivo studies after oral administration to rats. <i>Pharmaceutical Research</i> , 2003 , 20, 1071-84	4.5	53
338	Nanoparticles as carriers for growth hormone releasing factor. <i>Journal of Controlled Release</i> , 1991 , 15, 3-13	11.7	53
337	Intravitreal delivery of oligonucleotides by sterically stabilized liposomes. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 253-9		53
336	Molecular weights of free and drug-loaded nanoparticles. <i>Pharmaceutical Research</i> , 1985 , 2, 36-41	4.5	52
335	Polyalkylcyanoacrylate nanoparticles as carriers for granulocyte-colony stimulating factor (G-CSF). <i>Journal of Controlled Release</i> , 1998 , 52, 131-9	11.7	51
334	Alkylcyanoacrylate drug carriers: I. Physicochemical characterization of nanoparticles with different alkyl chain length. <i>International Journal of Pharmaceutics</i> , 1992 , 84, 1-11	6.5	51
333	Inhibition of the Friend retrovirus by antisense oligonucleotides encapsulated in liposomes: mechanism of action. <i>Pharmaceutical Research</i> , 1993 , 10, 1427-33	4.5	51
332	In vivo behavior of MIL-100 nanoparticles at early times after intravenous administration. <i>International Journal of Pharmaceutics</i> , 2016 , 511, 1042-7	6.5	50
331	Anticancer efficacy of squalenoyl gemcitabine nanomedicine on 60 human tumor cell panel and on experimental tumor. <i>Molecular Pharmaceutics</i> , 2009 , 6, 1526-35	5.6	50
330	Magneto-responsive squalenoyl gemcitabine composite nanoparticles for cancer active targeting. <i>Langmuir</i> , 2008 , 24, 7512-9	4	50
329	Biodegradable microparticles for the mucosal delivery of antibacterial and dietary antigens. <i>International Journal of Pharmaceutics</i> , 2002 , 242, 15-24	6.5	50

328	Attachment of antibiotics to nanoparticles: preparation, drug-release and antimicrobial activity in vitro. <i>International Journal of Pharmaceutics</i> , 1987 , 35, 121-127	6.5	50
327	A Squalene-Based Nanomedicine for Oral Treatment of Colon Cancer. <i>Cancer Research</i> , 2017 , 77, 2964-2975	5.8	49
326	Multifunctional squalene-based prodrug nanoparticles for targeted cancer therapy. <i>Chemical Communications</i> , 2014 , 50, 5336-8	5.8	49
325	Self-assembling cyclodextrin based hydrogels for the sustained delivery of hydrophobic drugs. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 86, 736-48	5.4	49
324	siRNA nanoformulation against the ret/PTC1 junction oncogene is efficient in an in vivo model of papillary thyroid carcinoma. <i>Nucleic Acids Research</i> , 2008 , 36, e2	20.1	49
323	Spleen capture of nanoparticles: influence of animal species and surface characteristics. <i>Pharmaceutical Research</i> , 1999 , 16, 37-41	4.5	49
322	Solvent selection causes remarkable shifts of the "Ouzo region" for poly(lactide-co-glycolide) nanoparticles prepared by nanoprecipitation. <i>Nanoscale</i> , 2015 , 7, 9215-21	7.7	48
321	Polymer prodrug nanoparticles based on naturally occurring isoprenoid for anticancer therapy. <i>Biomacromolecules</i> , 2013 , 14, 2837-47	6.9	48
320	Comproportionation versus Disproportionation in the Initiation Step of Cu(0)-Mediated Living Radical Polymerization. <i>Macromolecules</i> , 2012 , 45, 7388-7396	5.5	48
319	Colloidal stability of ultrasmall superparamagnetic iron oxide (USPIO) particles with different coatings. <i>International Journal of Pharmaceutics</i> , 2007 , 331, 197-203	6.5	48
318	Encapsulation of antiviral nucleotide analogues azidothymidine-triphosphate and cidofovir in poly(iso-butylcyanoacrylate) nanocapsules. <i>International Journal of Pharmaceutics</i> , 2006 , 324, 37-42	6.5	48
317	Role of gut macrophages in mice orally contaminated with scrapie or BSE. <i>International Journal of Pharmaceutics</i> , 2005 , 298, 293-304	6.5	48
316	Protective immunity against Salmonella typhimurium elicited in mice by oral vaccination with phosphorylcholine encapsulated in poly(DL-lactide-co-glycolide) microspheres. <i>Infection and Immunity</i> , 1997 , 65, 853-7	3.7	48
315	New method based on capillary electrophoresis with laser-induced fluorescence detection (CE-LIF) to monitor interaction between nanoparticles and the amyloid- β peptide. <i>Analytical Chemistry</i> , 2010 , 82, 10083-9	7.8	47
314	Polymeric nanoparticulate system augmented the anticancer therapeutic efficacy of gemcitabine. <i>Journal of Drug Targeting</i> , 2009 , 17, 586-98	5.4	47
313	Design attributes of long-circulating polymeric drug delivery vehicles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 97, 304-17	5.7	46
312	Squalene-based multidrug nanoparticles for improved mitigation of uncontrolled inflammation in rodents. <i>Science Advances</i> , 2020 , 6, eaaz5466	14.3	46
311	Physico-chemical characterization of polysaccharide-coated nanoparticles. <i>Journal of Controlled Release</i> , 2005 , 108, 97-111	11.7	46

310	Design of triptorelin loaded nanospheres for transdermal iontophoretic administration. <i>International Journal of Pharmaceutics</i> , 2001 , 214, 31-5	6.5	46
309	PEGylated squalenoyl-gemcitabine nanoparticles for the treatment of glioblastoma. <i>Biomaterials</i> , 2016 , 105, 136-144	15.6	46
308	Measurement of the Density of Polymeric Nanoparticulate Drug Carriers by Isopycnic Centrifugation. <i>Journal of Nanoparticle Research</i> , 1999 , 1, 411-418	2.3	45
307	Evaluation of liver toxicological effects induced by polyalkylcyanoacrylate nanoparticles. <i>Toxicology and Applied Pharmacology</i> , 1995 , 130, 272-9	4.6	45
306	Changing the pH of the external aqueous phase may modulate protein entrapment and delivery from poly(lactide-co-glycolide) microspheres prepared by a w/o/w solvent evaporation method. <i>Journal of Microencapsulation</i> , 1998 , 15, 421-30	3.4	44
305	Physico-chemical characterization of insulin-loaded poly(isobutylcyanoacrylate) nanocapsules obtained by interfacial polymerization. <i>International Journal of Pharmaceutics</i> , 1999 , 183, 63-6	6.5	44
304	Cells involved in the capture of nanoparticles in hematopoietic organs. <i>Journal of Pharmaceutical Sciences</i> , 1996 , 85, 944-50	3.9	44
303	Characterization of V3 BRU peptide-loaded small PLGA microspheres prepared by a (w1/o)w2 emulsion solvent evaporation method. <i>International Journal of Pharmaceutics</i> , 1994 , 111, 137-145	6.5	44
302	Hybrid polymer nanocapsules enhance in vitro delivery of azidothymidine-triphosphate to macrophages. <i>Journal of Controlled Release</i> , 2006 , 116, 346-52	11.7	43
301	Nanoencapsulation of a crystalline drug. <i>International Journal of Pharmaceutics</i> , 2005 , 298, 323-7	6.5	43
300	Near infrared with principal component analysis as a novel analytical approach for nanoparticle technology. <i>Pharmaceutical Research</i> , 2000 , 17, 1124-32	4.5	43
299	Liposome-entrapped ampicillin in the treatment of experimental murine listeriosis and salmonellosis. <i>Antimicrobial Agents and Chemotherapy</i> , 1991 , 35, 770-2	5.9	43
298	Precise Engineering of Multifunctional PEGylated Polyester Nanoparticles for Cancer Cell Targeting and Imaging. <i>Chemistry of Materials</i> , 2014 , 26, 1834-1847	9.6	42
297	Superior preclinical efficacy of gemcitabine developed as chitosan nanoparticulate system. <i>Biomacromolecules</i> , 2011 , 12, 97-104	6.9	42
296	Characterization and morphological analysis of a cholecystokinin derivative peptide-loaded poly(lactide-co-glycolide) microspheres prepared by a water-in-oil-in-water emulsion solvent evaporation method. <i>Journal of Controlled Release</i> , 1997 , 43, 81-87	11.7	42
295	Adsorption of hematoporphyrin onto polyalkylcyanoacrylate nanoparticles: carrier capacity and drug release. <i>International Journal of Pharmaceutics</i> , 1991 , 70, 129-135	6.5	42
294	GraftFast Surface Engineering to Improve MOF Nanoparticles Furtiveness. <i>Small</i> , 2018 , 14, e1801900	11	41
293	Improving the antitumor activity of squalenoyl-paclitaxel conjugate nanoassemblies by manipulating the linker between paclitaxel and squalene. <i>Advanced Healthcare Materials</i> , 2013 , 2, 172-85 ^{10.1}	10.1	41

292	Simple and efficient copper metal-mediated synthesis of alkoxyamine initiators. <i>Polymer Chemistry</i> , 2011 , 2, 1859	4.9	41
291	Design of fluorescently tagged poly(alkyl cyanoacrylate) nanoparticles for human brain endothelial cell imaging. <i>Chemical Communications</i> , 2010 , 46, 2602-4	5.8	41
290	New core-shell nanoparticles for the intravenous delivery of siRNA to experimental thyroid papillary carcinoma. <i>Pharmaceutical Research</i> , 2010 , 27, 498-509	4.5	41
289	Intracellular distribution of ampicillin in murine macrophages infected with Salmonella typhimurium and treated with (3H)ampicillin-loaded nanoparticles. <i>Journal of Antimicrobial Chemotherapy</i> , 1996 , 37, 105-15	5.1	41
288	Nanomedicines for Pediatric Cancers. <i>ACS Nano</i> , 2018 , 12, 7482-7496	16.7	40
287	Protein driven patterning of self-assembled cubosomic nanostructures: long oriented nanoridges. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 3089-93	3.4	40
286	Submicron cationic emulsions as a new delivery system for oligonucleotides. <i>Pharmaceutical Research</i> , 1999 , 16, 30-6	4.5	40
285	Acute renal toxicity of doxorubicin (adriamycin)-loaded cyanoacrylate nanoparticles. <i>Pharmaceutical Research</i> , 1995 , 12, 85-7	4.5	40
284	Splenic trapping of nanoparticles: complementary approaches for in situ studies. <i>Pharmaceutical Research</i> , 1997 , 14, 463-8	4.5	39
283	Synthesis of Highly Functionalized Poly(alkyl cyanoacrylate) Nanoparticles by Means of Click Chemistry. <i>Macromolecules</i> , 2008 , 41, 8418-8428	5.5	39
282	Optimization of polyalkylcyanoacrylate nanoparticle preparation: Influence of sulfur dioxide and pH on nanoparticle characteristics. <i>Journal of Colloid and Interface Science</i> , 1992 , 154, 77-86	9.3	39
281	Tissue distribution of [3H]actinomycin D adsorbed on polybutylcyanoacrylate nanoparticles. <i>International Journal of Pharmaceutics</i> , 1980 , 7, 45-53	6.5	39
280	Novel isoprenoyl nanoassembled prodrug for paclitaxel delivery. <i>Bioconjugate Chemistry</i> , 2013 , 24, 1840-3	6.3	38
279	A comprehensive study of the spontaneous formation of nanoassemblies in water by a "lock-and-key" interaction between two associative polymers. <i>Journal of Colloid and Interface Science</i> , 2011 , 354, 517-27	9.3	38
278	Effect of polyisobutylcyanoacrylate nanoparticles and lipofectin loaded with oligonucleotides on cell viability and PKC alpha neosynthesis in HepG2 cells. <i>Biochimie</i> , 1998 , 80, 969-76	4.6	38
277	Gliding resistance after repair of partially lacerated human flexor digitorum profundus tendon in vitro. <i>Clinical Biomechanics</i> , 2001 , 16, 696-701	2.2	38
276	Advanced nanomedicines for the treatment of inflammatory diseases. <i>Advanced Drug Delivery Reviews</i> , 2020 , 157, 161-178	18.5	38
275	Nanotechnologies for the treatment of colon cancer: From old drugs to new hope. <i>International Journal of Pharmaceutics</i> , 2016 , 514, 24-40	6.5	37

274	Nanomedicines: A New Approach for the Treatment of Serious Diseases. <i>Journal of Biomedical Nanotechnology</i> , 2007 , 3, 223-234	4	37
273	Therapeutic potentialities of EWS-Fli-1 mRNA-targeted vectorized antisense oligonucleotides. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1002, 72-7	6.5	37
272	Preparation and characterization of novel poly(methylidene malonate 2.1.2.)-made nanoparticles. <i>Pharmaceutical Research</i> , 1994 , 11, 1270-7	4.5	37
271	Uptake of nanoparticles by rat glomerular mesangial cells in vivo and in vitro. <i>Pharmaceutical Research</i> , 1994 , 11, 1160-5	4.5	37
270	Intracellular targeting of antibiotics by means of biodegradable nanoparticles. <i>Journal of Controlled Release</i> , 1992 , 19, 259-267	11.7	37
269	A new painkiller nanomedicine to bypass the blood-brain barrier and the use of morphine. <i>Science Advances</i> , 2019 , 5, eaau5148	14.3	37
268	Intracellular visualization of ampicillin-loaded nanoparticles in peritoneal macrophages infected in vitro with <i>Salmonella typhimurium</i> . <i>Pharmaceutical Research</i> , 1994 , 11, 38-46	4.5	36
267	A small variation in average particle size of PLGA nanoparticles prepared by nanoprecipitation leads to considerable change in nanoparticles' characteristics and efficacy of intracellular delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 1657-1664	6.1	35
266	A Druggable Pocket at the Nucleocapsid/Phosphoprotein Interaction Site of Human Respiratory Syncytial Virus. <i>Journal of Virology</i> , 2015 , 89, 11129-43	6.6	35
265	Peptide-functionalized nanoparticles for selective targeting of pancreatic tumor. <i>Journal of Controlled Release</i> , 2014 , 192, 29-39	11.7	35
264	pH-sensitive liposomes as a carrier for oligonucleotides: a physico-chemical study of the interaction between DOPE and a 15-mer oligonucleotide in quasi-anhydrous samples. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998 , 1372, 301-10	3.8	35
263	Some parameters influencing cytotoxicity of free doxorubicin and doxorubicin-loaded nanoparticles in sensitive and multidrug resistant leucemic murine cells: incubation time, number of nanoparticles per cell. <i>International Journal of Pharmaceutics</i> , 1994 , 102, 55-62	6.5	35
262	Vidarabine-loaded nanoparticles: a physicochemical study. <i>Pharmaceutical Research</i> , 1990 , 7, 736-41	4.5	35
261	Interaction of self-assembled squalenoyl gemcitabine nanoparticles with phospholipid-cholesterol monolayers mimicking a biomembrane. <i>Langmuir</i> , 2011 , 27, 4891-9	4	34
260	Freeze-drying of composite core-shell nanoparticles. <i>Drug Development and Industrial Pharmacy</i> , 2006 , 32, 839-46	3.6	34
259	Bioadhesive properties of poly(alkylcyanoacrylate) nanoparticles coated with polysaccharide. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 3102-9	1.3	34
258	Polyisobutylcyanoacrylate nanocapsules containing an aqueous core for the delivery of oligonucleotides. <i>International Journal of Pharmaceutics</i> , 2001 , 214, 13-6	6.5	34
257	pH-sensitive liposomes as a carrier for oligonucleotides: a physico-chemical study of the interaction between DOPE and a 15-mer oligonucleotide in excess water. <i>Biophysical Chemistry</i> , 2000 , 87, 127-37	3.5	34

256	Optimization of the encapsulation and release of beta-lactoglobulin entrapped poly(DL-lactide-co-glycolide) microspheres. <i>International Journal of Pharmaceutics</i> , 1999 , 183, 67-71	6.5	34
255	Ampicillin-loaded liposomes and nanoparticles: comparison of drug loading, drug release and in vitro antimicrobial activity. <i>Journal of Microencapsulation</i> , 1991 , 8, 29-36	3.4	34
254	Self-assembly of squalene-based nucleolipids: relating the chemical structure of the bioconjugates to the architecture of the nanoparticles. <i>Langmuir</i> , 2013 , 29, 14795-803	4	33
253	Use of solvent effects to improve control over nitroxide-mediated polymerization of isoprene. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 805-10	4.8	33
252	Quantification of fumaric acid in liver, spleen and urine by high-performance liquid chromatography coupled to photodiode-array detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 56, 758-62	3.5	33
251	Comparison of the ocular distribution of a model oligonucleotide after topical instillation in rabbits of conventional and new dosage forms. <i>Journal of Drug Targeting</i> , 1998 , 6, 309-13	5.4	33
250	Physicochemical characteristics and preliminary in vivo biological evaluation of nanocapsules loaded with siRNA targeting estrogen receptor alpha. <i>Biomacromolecules</i> , 2008 , 9, 2881-90	6.9	33
249	A new approach for the characterization of insoluble amphiphilic copolymers based on their emulsifying properties. <i>Colloid and Polymer Science</i> , 2004 , 282, 1097-1104	2.4	33
248	A polysorbate-based non-ionic surfactant can modulate loading and release of beta-lactoglobulin entrapped in multiphase poly(DL-lactide-co-glycolide) microspheres. <i>Pharmaceutical Research</i> , 1999 , 16, 255-60	4.5	33
247	On the mechanism of action of doxorubicin encapsulation in nanospheres for the reversal of multidrug resistance. <i>Cancer Chemotherapy and Pharmacology</i> , 1996 , 37, 556-60	3.5	33
246	The uptake of ampicillin-loaded nanoparticles by murine macrophages infected with Salmonella typhimurium. <i>Journal of Antimicrobial Chemotherapy</i> , 1994 , 33, 509-22	5.1	33
245	Biological characterization of folic acid-conjugated poly(H2NPEGCA-co-HDCA) nanoparticles in cellular models. <i>Journal of Drug Targeting</i> , 2007 , 15, 146-53	5.4	32
244	Green Fluorine-free mesoporous iron(III) trimesate nanoparticles for drug delivery. <i>Green Materials</i> , 2013 , 1, 209-217	3.2	31
243	Liposomal squalenoyl-gemcitabine: formulation, characterization and anticancer activity evaluation. <i>Nanoscale</i> , 2010 , 2, 1521-6	7.7	31
242	Interaction of an anticancer drug, gemcitabine, with phospholipid bilayers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009 , 98, 19-28	4.1	31
241	Phospholipid hydrolysis in a pharmaceutical emulsion assessed by physicochemical parameters and a new analytical method. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005 , 61, 69-76	5.7	31
240	Oral tolerance elicited in mice by beta-lactoglobulin entrapped in biodegradable microspheres. <i>Vaccine</i> , 2000 , 18, 1196-202	4.1	31
239	Study of the influence of several stabilizing agents on the entrapment and in vitro release of pBC 264 from poly(lactide-co-glycolide) microspheres prepared by a W/O/W solvent evaporation method. <i>Pharmaceutical Research</i> , 1996 , 13, 1127-9	4.5	31

238	Light sheet fluorescence microscopy versus confocal microscopy: in quest of a suitable tool to assess drug and nanomedicine penetration into multicellular tumor spheroids. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 142, 195-203	5.7	30
237	Interaction of a new anticancer prodrug, gemcitabine-squalene, with a model membrane: coupled DSC and XRD study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010 , 1798, 1522-32	3.8	30
236	A computationally derived structural model of doxorubicin interacting with oligomeric polyalkylcyanoacrylate in nanoparticles. <i>Journal of Controlled Release</i> , 2003 , 92, 19-26	11.7	30
235	Antineoplastic busulfan encapsulated in a metal organic framework nanocarrier: first in vivo results. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 585-588	7.3	29
234	Facile synthesis of multicompartement micelles based on biocompatible poly(3-hydroxyalkanoate). <i>Macromolecular Rapid Communications</i> , 2013 , 34, 362-8	4.8	29
233	Biodegradable nanoparticles for subcutaneous administration of growth hormone releasing factor (hGRF). <i>Journal of Controlled Release</i> , 1992 , 20, 67-77	11.7	29
232	How can nanomedicines overcome cellular-based anticancer drug resistance?. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 5078-5100	7.3	29
231	Transport Mechanisms of Squalenoyl-Adenosine Nanoparticles Across the BloodBrain Barrier. <i>Chemistry of Materials</i> , 2015 , 27, 3636-3647	9.6	28
230	Squalenoyl nucleoside monophosphate nanoassemblies: new prodrug strategy for the delivery of nucleotide analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 2761-4	2.9	28
229	Mucosal immunogenicity elicited in mice by oral vaccination with phosphorylcholine encapsulated in poly (D,L-lactide-co-glycolide) microspheres. <i>Vaccine</i> , 1998 , 16, 685-91	4.1	28
228	Synthesis and biological evaluation of two glycerolipidic prodrugs of didanosine for direct lymphatic delivery against HIV. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 2237-40	2.9	28
227	Polymer-based nanoparticles for the delivery of nucleoside analogues. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 2608-17	1.3	28
226	Sorptive properties of antibodies onto cyanoacrylic nanoparticles. <i>International Journal of Pharmaceutics</i> , 1988 , 41, 181-187	6.5	28
225	Polyalkylcyanoacrylates as colloidal drug carriers. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 1988 , 5, 1-20	2.8	28
224	Circulating Lipoproteins: A Trojan Horse Guiding Squalenoylated Drugs to LDL-Accumulating Cancer Cells. <i>Molecular Therapy</i> , 2017 , 25, 1596-1605	11.7	27
223	Rational design for multifunctional non-liposomal lipid-based nanocarriers for cancer management: theory to practice. <i>Journal of Nanobiotechnology</i> , 2013 , 11 Suppl 1, S6	9.4	27
222	Evaluation of brain-targeted chitosan nanoparticles through blood-brain barrier cerebral microvessel endothelial cells. <i>Journal of Microencapsulation</i> , 2017 , 34, 659-666	3.4	27
221	Squalenoyl nanomedicine of gemcitabine is more potent after oral administration in leukemia-bearing rats: study of mechanisms. <i>Anti-Cancer Drugs</i> , 2008 , 19, 999-1006	2.4	27

220	Liposomes, an interesting tool to deliver a bioenergetic substrate (ATP). in vitro and in vivo studies. <i>Journal of Drug Targeting</i> , 1994 , 2, 443-8	5.4	27
219	Protection of insulin from enzymatic degradation by its association to liposomes. <i>International Journal of Pharmaceutics</i> , 1985 , 26, 251-257	6.5	27
218	Significant Tumor Growth Inhibition from Naturally Occurring Lipid-Containing Polymer Prodrug Nanoparticles Obtained by the Drug-Initiated Method. <i>Chemistry of Materials</i> , 2014 , 26, 3606-3609	9.6	26
217	Anti-HIV efficacy and biodistribution of nucleoside reverse transcriptase inhibitors delivered as squalenoylated prodrug nanoassemblies. <i>Biomaterials</i> , 2013 , 34, 4831-8	15.6	26
216	On the use of ion-pair chromatography to elucidate doxorubicin release mechanism from polyalkylcyanoacrylate nanoparticles at the cellular level. <i>Biomedical Applications</i> , 1997 , 702, 181-91		26
215	Structural characterization of ultrasmall superparamagnetic iron oxide (USPIO) particles in aqueous suspension by energy dispersive X-ray diffraction (EDXD). <i>Journal of the American Chemical Society</i> , 2006 , 128, 10054-9	16.4	26
214	Oligonucleotides targeted against a junction oncogene are made efficient by nanotechnologies. <i>Pharmaceutical Research</i> , 2003 , 20, 1565-7	4.5	26
213	Improvement of in vivo stability of phosphodiester oligonucleotide using anionic liposomes in mice. <i>Life Sciences</i> , 2000 , 67, 1625-37	6.8	26
212	In vitro evaluation of nanoparticles spleen capture. <i>Life Sciences</i> , 1999 , 64, 1329-37	6.8	26
211	Stability of orosomucoid-coated polyisobutylcyanoacrylate nanoparticles in the presence of serum. <i>Journal of Controlled Release</i> , 1996 , 40, 157-168	11.7	26
210	Experience with doxorubicin-bound polyisohexylcyanoacrylate nanoparticles on murine alveolar echinococcosis of the liver. <i>International Journal for Parasitology</i> , 1993 , 23, 427-9	4.3	26
209	Development of dehydroemetine nanoparticles for the treatment of visceral leishmaniasis. <i>Journal of Microencapsulation</i> , 1989 , 6, 29-34	3.4	26
208	Increased cytotoxicity of nanoparticle-carried Adriamycin in vitro and potentiation by verapamil and amiodarone. <i>Biomaterials</i> , 1989 , 10, 553-6	15.6	26
207	Squalenoylation of Chitosan: A Platform for Drug Delivery?. <i>Biomacromolecules</i> , 2015 , 16, 2930-9	6.9	25
206	Translation of nanomedicines from lab to industrial scale synthesis: The case of squalene-adenosine nanoparticles. <i>Journal of Controlled Release</i> , 2019 , 307, 302-314	11.7	25
205	Efficiency of liposomal ATP in cerebral ischemia: bioavailability features. <i>Brain Research Bulletin</i> , 1991 , 26, 339-42	3.9	25
204	Nanoparticles: heating tumors to death?. <i>Nanomedicine</i> , 2011 , 6, 99-109	5.6	24
203	Molecular reactivity of busulfan through its experimental electrostatic properties in the solid state. <i>Pharmaceutical Research</i> , 2004 , 21, 598-607	4.5	24

202	Intranasal immunization with protein-linked phosphorylcholine protects mice against a lethal intranasal challenge with streptococcus pneumoniae. <i>Vaccine</i> , 2000 , 18, 2991-8	4.1	24
201	Gemcitabine-based therapy for pancreatic cancer using the squalenoyl nucleoside monophosphate nanoassemblies. <i>International Journal of Pharmaceutics</i> , 2015 , 482, 38-46	6.5	23
200	Nanomedicine as a promising approach for the treatment and diagnosis of brain diseases: the example of Alzheimer's disease. <i>Annales Pharmaceutiques Francaises</i> , 2013 , 71, 225-33	1.3	23
199	Selegiline-functionalized, PEGylated poly(alkyl cyanoacrylate) nanoparticles: Investigation of interaction with amyloid- β peptide and surface reorganization. <i>International Journal of Pharmaceutics</i> , 2011 , 416, 453-60	6.5	23
198	Extracellular-protein-enhanced cellular uptake of squalenoyl gemcitabine from nanoassemblies. <i>Soft Matter</i> , 2010 , 6, 5570	3.6	23
197	Liposomal formulation of a glycerolipidic prodrug for lymphatic delivery of didanosine via oral route. <i>International Journal of Pharmaceutics</i> , 2007 , 344, 62-70	6.5	23
196	Liposomally-entrapped ATP: improved efficiency against experimental brain ischemia in the rat. <i>Life Sciences</i> , 1987 , 40, 2011-6	6.8	23
195	Simple Synthesis of Cladribine-Based Anticancer Polymer Prodrug Nanoparticles with Tunable Drug Delivery Properties. <i>Chemistry of Materials</i> , 2016 , 28, 6266-6275	9.6	22
194	Drug targeting by polyalkylcyanoacrylate nanoparticles is not efficient against persistent Salmonella. <i>Pharmaceutical Research</i> , 1998 , 15, 544-9	4.5	22
193	Enhancing the tolerance of poly(isobutylcyanoacrylate) nanoparticles with a modular surface design. <i>International Journal of Pharmaceutics</i> , 2007 , 338, 327-32	6.5	22
192	The stenlying effect of high hydrostatic pressure on thermally and hydrolytically labile nanosized carriers. <i>Pharmaceutical Research</i> , 2003 , 20, 674-83	4.5	22
191	In vivo potentialities of EWS-Fli-1 targeted antisense oligonucleotides-nanospheres complexes. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1058, 52-61	6.5	22
190	Isobutyl cyanoacrylate nanoparticles as a solid phase for an efficient immunoradiometric assay. <i>Biomaterials</i> , 1986 , 7, 212-6	15.6	22
189	Intracarotidal administration of liposomally-entrapped ATP: improved efficiency against experimental brain ischemia. <i>Pharmacological Research Communications</i> , 1988 , 20, 699-705		22
188	Liposomally entrapped adenosine triphosphate. Improved efficiency against experimental brain ischaemia in the rat. <i>Journal of Chromatography A</i> , 1988 , 440, 455-8	4.5	22
187	Nanoplumbers: biomaterials to fight cardiovascular diseases. <i>Materials Today</i> , 2018 , 21, 122-143	21.8	22
186	Peptide conjugation: before or after nanoparticle formation?. <i>Bioconjugate Chemistry</i> , 2014 , 25, 1971-836.3		21
185	Antineoplastic Effects of siRNA against TMPRSS2-ERG Junction Oncogene in Prostate Cancer. <i>PLoS ONE</i> , 2015 , 10, e0125277	3.7	21

184	Novel self assembling nanoparticles for the oral administration of fondaparinux: synthesis, characterization and in vivo evaluation. <i>Journal of Controlled Release</i> , 2014 , 194, 323-31	11.7	20
183	Multilamellar Nanoparticles Self-Assembled from Opposite Charged Blends: Insights from Mesoscopic Simulation. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 20649-20661	3.8	20
182	Quantum dot-loaded PEGylated poly(alkyl cyanoacrylate) nanoparticles for in vitro and in vivo imaging. <i>Soft Matter</i> , 2011 , 7, 6187	3.6	20
181	Interaction of an amphiphilic squalenoyl prodrug of gemcitabine with cellular membranes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011 , 79, 612-20	5.7	20
180	Squalenoyl Gemcitabine Monophosphate: Synthesis, Characterisation of Nanoassemblies and Biological Evaluation. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 2615-2628	3.2	20
179	Microcalorimetric investigation on the formation of supramolecular nanoassemblies of associative polymers loaded with gadolinium chelate derivatives. <i>International Journal of Pharmaceutics</i> , 2009 , 379, 218-25	6.5	20
178	Simultaneous determination of gemcitabine and gemcitabine-squalene by liquid chromatography-tandem mass spectrometry in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 858, 71-8	3.2	20
177	Factors influencing the oligonucleotides release from O-W submicron cationic emulsions. <i>Journal of Controlled Release</i> , 2001 , 70, 243-55	11.7	20
176	Development of a quantitative polyacrylamide gel electrophoresis analysis using a multichannel radioactivity counter for the evaluation of oligonucleotide-bound drug carrier. <i>Analytical Biochemistry</i> , 1996 , 240, 202-9	3.1	20
175	Synthesis and in vitro study of a diglyceride prodrug of a peptide. <i>Pharmaceutical Research</i> , 1994 , 11, 1082-7	4.5	20
174	Protein-functionalized nanoparticles derived from end-functional polymers and polymer prodrugs for crossing the blood-brain barrier. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 142, 70-82	5.7	19
173	A facile route to heterotelechelic polymer prodrug nanoparticles for imaging, drug delivery and combination therapy. <i>Journal of Controlled Release</i> , 2018 , 286, 425-438	11.7	19
172	Synthesis and physicochemical characterization of new squalenoyl amphiphilic gadolinium complexes as nanoparticle contrast agents. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 4367-86	3.9	19
171	On shelf stability of freeze-dried poly(methylidene malonate 2.1.2) nanoparticles. <i>International Journal of Pharmaceutics</i> , 1997 , 148, 165-175	6.5	19
170	Antisense oligonucleotide nanocapsules efficiently inhibit EWS-Flt1 expression in a Ewing's sarcoma model. <i>Oligonucleotides</i> , 2006 , 16, 158-68		19
169	Characterization of oligonucleotide/lipid interactions in submicron cationic emulsions: influence of the cationic lipid structure and the presence of PEG-lipids. <i>Biophysical Chemistry</i> , 2001 , 92, 169-81	3.5	19
168	Towards improved HIV-microbicide activity through the co-encapsulation of NRTI drugs in biocompatible metal organic framework nanocarriers. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8563-8569	7.3	18
167	Synthesis and Cytotoxic Activity of Self-Assembling Squalene Conjugates of 3-[(Pyrrol-2-yl)methylidene]-2,3-dihydro-1H-indol-2-one Anticancer Agents. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 202-212	3.2	18

166	Low-Density Lipoproteins and Human Serum Albumin as Carriers of Squalenoylated Drugs: Insights from Molecular Simulations. <i>Molecular Pharmaceutics</i> , 2018 , 15, 585-591	5.6	18
165	Self-assembly of polyisoprenoyl gemcitabine conjugates: influence of supramolecular organization on their biological activity. <i>Langmuir</i> , 2014 , 30, 6348-57	4	18
164	A comprehensive study on the inclusion mechanism of benzophenone into supramolecular nanoassemblies prepared using two water-soluble associative polymers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009 , 98, 57-64	4.1	18
163	Delivery of antisense oligonucleotides by means of pH-sensitive liposomes. <i>Journal of Controlled Release</i> , 1997 , 48, 179-184	11.7	18
162	Novel microparticulate system made of poly(methylidene malonate 2.1.2). <i>Biomaterials</i> , 2001 , 22, 2229-38	3.6	18
161	New bicompartamental structures are observed when stearylamine is mixed with triglyceride emulsions. <i>Pharmaceutical Research</i> , 2000 , 17, 1329-32	4.5	18
160	Efficient Loading and Controlled Release of Benzophenone-3 Entrapped into Self-Assembling Nanogels. <i>Current Nanoscience</i> , 2010 , 6, 654-665	1.4	18
159	Pharmacokinetics, biodistribution and metabolism of squalenoyl adenosine nanoparticles in mice using dual radio-labeling and radio-HPLC analysis. <i>Journal of Controlled Release</i> , 2015 , 212, 50-8	11.7	17
158	Dual controlled delivery of squalenoyl-gemcitabine and paclitaxel using thermo-responsive polymeric micelles for pancreatic cancer. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2230-2239	7.3	17
157	Unloaded polyisobutylcyanoacrylate nanoparticles: efficiency against bloodstream trypanosomes. <i>Journal of Pharmacy and Pharmacology</i> , 1987 , 39, 650-2	4.8	17
156	In-vitro evaluation of filaricidal activity of GABA and 1,3-dipalmitoyl-2-(4-aminobutyryl)glycerol HCl: a diglyceride prodrug. <i>Journal of Pharmacy and Pharmacology</i> , 1989 , 41, 191-3	4.8	17
155	Plug-in Spectrometry with Optical Fibers as a Novel Analytical Tool for Nanoparticles Technology: Application to the Investigation of the Emulsion Polymerization of the Alkylcyanoacrylate. <i>Journal of Nanoparticle Research</i> , 2003 , 5, 365-371	2.3	17
154	Toxicity of metal-organic framework nanoparticles: from essential analyses to potential applications.. <i>Chemical Society Reviews</i> , 2022 ,	58.5	17
153	REACTION OF N-BROMOSUCCINIMIDE WITH NITRILES. II.2, 3 ALIPHATIC NITRILES. <i>Journal of Organic Chemistry</i> , 1953 , 18, 501-506	4.2	17
152	Heterotelechelic polymer prodrug nanoparticles: Adaptability to different drug combinations and influence of the dual functionalization on the cytotoxicity. <i>Journal of Controlled Release</i> , 2019 , 295, 223-236	11.7	17
151	In Vivo FRET Imaging to Predict the Risk Associated with Hepatic Accumulation of Squalene-Based Prodrug Nanoparticles. <i>Advanced Healthcare Materials</i> , 2018 , 7, 1700830	10.1	17
150	A Smart Metal-Organic Framework Nanomaterial for Lung Targeting. <i>Angewandte Chemie</i> , 2017 , 129, 15771-15775	3.6	16
149	Compartmentalized Encapsulation of Two Antibiotics in Porous Nanoparticles: an Efficient Strategy to Treat Intracellular Infections. <i>Particle and Particle Systems Characterization</i> , 2019 , 36, 1800360	3.1	16

148	"Squalenoylcurcumin" nanoassemblies as water-dispersible drug candidates with antileishmanial activity. <i>ChemMedChem</i> , 2015 , 10, 411-8	3.7	16
147	Effects of silencing the RET/PTC1 oncogene in papillary thyroid carcinoma by siRNA-squalene nanoparticles with and without fusogenic companion GALA-cholesterol. <i>Thyroid</i> , 2014 , 24, 327-38	6.2	16
146	Colloidal properties of biodegradable nanoparticles influence interaction with amyloid- β peptide. <i>Journal of Biotechnology</i> , 2011 , 156, 338-40	3.7	16
145	Freeze-drying of squalenoylated nucleoside analogue nanoparticles. <i>International Journal of Pharmaceutics</i> , 2009 , 381, 140-5	6.5	16
144	Supramolecular organization of S12363-liposomes prepared with two different remote loading processes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009 , 1788, 926-35	3.8	16
143	Busulfan loading into poly(alkyl cyanoacrylate) nanoparticles: physico-chemistry and molecular modeling. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2006 , 79, 254-62	3.5	16
142	Cellular fate of oligonucleotides when delivered by nanocapsules of poly(isobutylcyanoacrylate). <i>Journal of Controlled Release</i> , 2005 , 106, 209-13	11.7	16
141	Interfacial deposition of functionalized copolymers onto nanoemulsions produced by the solvent displacement method. <i>Colloid and Polymer Science</i> , 2001 , 279, 784-792	2.4	16
140	Preparation and characterization of biodegradable poly(isobutylcyano acrylate) nanoparticles with the surface modified by the adsorption of proteins. <i>Colloids and Surfaces B: Biointerfaces</i> , 1995 , 4, 349-356	6	16
139	PLGA nanocapsules improve the delivery of clarithromycin to kill intracellular Staphylococcus aureus and Mycobacterium abscessus. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 24, 102125	6	16
138	Metabolism evaluation of biomimetic prodrugs by in vitro models and mass spectrometry. <i>International Journal of Pharmaceutics</i> , 2009 , 379, 235-43	6.5	15
137	Consequences of ions and pH on the supramolecular organization of sphingomyelin and sphingomyelin/cholesterol bilayers. <i>Chemistry and Physics of Lipids</i> , 2008 , 153, 119-29	3.7	15
136	Sustained delivery of growth factors from methyldiene malonate 2.1.2-based polymers. <i>Biomaterials</i> , 2006 , 27, 2609-20	15.6	15
135	In vitro evaluation of nanoparticle formulations containing gangliosides. <i>Journal of Drug Targeting</i> , 1994 , 2, 53-9	5.4	15
134	Paraquat detoxication with multiple emulsions. <i>International Journal of Pharmaceutics</i> , 2009 , 380, 142-6	6.5	14
133	Simultaneous use of size-exclusion chromatography and photon correlation spectroscopy for the characterization of poly(lactic acid) nanoparticles. <i>Journal of Chromatography A</i> , 1994 , 675, 129-139	4.5	14
132	Surface Pressure and Surface Potential Studies of Poly(Isobutylcyanoacrylate)-Ampicillin Interactions at the Water-Air Interface. <i>Journal of Bioactive and Compatible Polymers</i> , 1989 , 4, 110-123	2	14
131	Desmoplastic Reaction in 3D-Pancreatic Cancer Tissues Suppresses Molecular Permeability. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700057	10.1	13

130	Strategies to increase the oral bioavailability of nucleoside analogs. <i>Current Medicinal Chemistry</i> , 2009 , 16, 1391-9	4.3	13
129	In vitro and in vivo evaluation of poly(methylidene malonate 2.1.2) microparticles behavior for oral administration. <i>Journal of Drug Targeting</i> , 2001 , 9, 141-53	5.4	13
128	Influence of surface properties on the inflammatory response to polymeric nanoparticles. <i>Pharmaceutical Research</i> , 1995 , 12, 1385-7	4.5	13
127	Combined antitumoral therapy with nanoassemblies of bolaform polyisoprenoyl paclitaxel/gemcitabine prodrugs. <i>Polymer Chemistry</i> , 2014 , 5, 1662-1673	4.9	12
126	Preparation and characterization of biocompatible chitosan nanoparticles for targeted brain delivery of peptides. <i>Methods in Molecular Biology</i> , 2012 , 846, 321-32	1.4	12
125	N-methylation of anthracyclines modulates their cytotoxicity and pharmacokinetic in wild type and multidrug resistant cells. <i>Biomedicine and Pharmacotherapy</i> , 2003 , 57, 301-8	7.5	12
124	Vitamin C-squalene bioconjugate promotes epidermal thickening and collagen production in human skin. <i>Scientific Reports</i> , 2020 , 10, 16883	4.9	12
123	Drug-Initiated Synthesis of Heterotelechelic Polymer Prodrug Nanoparticles for in Vivo Imaging and Cancer Cell Targeting. <i>Biomacromolecules</i> , 2019 , 20, 2464-2476	6.9	11
122	Preactivated oxazaphosphorines designed for isophosphoramidate mustard delivery as bulk form or nanoassemblies: synthesis and proof of concept. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 705-17	8.3	11
121	Nanomedicine: From where are we coming and where are we going?. <i>Journal of Controlled Release</i> , 2019 , 311-312, 319-321	11.7	11
120	Interfacial rheology as a tool to study the potential of cyclodextrin polymers to stabilize oil/water interfaces. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011 , 69, 475-479		11
119	Nanoparticles against Alzheimer's disease: PEG-PACA nanoparticles are able to link the α peptide and influence its aggregation kinetic. <i>Journal of Controlled Release</i> , 2010 , 148, e112-3	11.7	11
118	Cationic emulsions improves the delivery of oligonucleotides to leukemic P388/ADR cells in ascite. <i>Journal of Controlled Release</i> , 2003 , 89, 473-82	11.7	11
117	Study of the breakup under shear of a new thermally reversible water-in-oil-in-water (W/O/W) multiple emulsion. <i>Pharmaceutical Research</i> , 2001 , 18, 689-93	4.5	11
116	Retrovirus budding may constitute a port of entry for drug carriers. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996 , 1310, 53-9	4.9	11
115	Capillary electrophoresis monitoring of the competitive adsorption of albumin onto the orosomucoid-coated polyisobutylcyanoacrylate nanoparticles. <i>Electrophoresis</i> , 1994 , 15, 234-9	3.6	11
114	Preparation and in vivo studies of a new drug delivery system. Nanoparticles of alkylcyanoacrylate. <i>Applied Biochemistry and Biotechnology</i> , 1984 , 10, 263-5	3.2	11
113	Squalene-Adenosine Nanoparticles: Ligands of Adenosine Receptors or Adenosine Prodrug?. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 369, 144-151	4.7	10

112	Effects of siRNA on RET/PTC3 junction oncogene in papillary thyroid carcinoma: from molecular and cellular studies to preclinical investigations. <i>PLoS ONE</i> , 2014 , 9, e95964	3.7	10
111	Monolayer studies on poly(isobutylcyanoacrylate)-ampicillin association. <i>Journal of Pharmacy and Pharmacology</i> , 1987 , 39, 973-7	4.8	10
110	A new nanomedicine based on didanosine glycerolipidic prodrug enhances the long term accumulation of drug in a HIV sanctuary. <i>International Journal of Pharmaceutics</i> , 2011 , 414, 285-97	6.5	10
109	Involvement of macrophages in the pathogenesis of transmissible spongiform encephalopathies. <i>Autoimmunity</i> , 2002 , 9, 19-27		10
108	Preparation and Characterization of Biocompatible Chitosan Nanoparticles for Targeted Brain Delivery of Peptides. <i>Methods in Molecular Biology</i> , 2018 , 1727, 443-454	1.4	10
107	Nanomedicines and stroke: Toward translational research. <i>Journal of Drug Delivery Science and Technology</i> , 2015 , 30, 278-299	4.5	9
106	New Formulation for the Delivery of Oligonucleotides Using "Clickable" siRNA-Polyisoprenoid-Conjugated Nanoparticles: Application to Cancers Harboring Fusion Oncogenes. <i>Bioconjugate Chemistry</i> , 2018 , 29, 1961-1972	6.3	9
105	Drug delivery: replenishing reservoirs in vivo. <i>Nature Nanotechnology</i> , 2014 , 9, 874-5	28.7	9
104	Positively charged cyclodextrins as effective molecular transporters of active phosphorylated forms of gemcitabine into cancer cells. <i>Scientific Reports</i> , 2017 , 7, 8353	4.9	9
103	Les nitriles et les amides bromcrotoniques III action de la N~Bromsuccinimide sur les butyles-nitriles. <i>Bulletin Des Sociétés Chimiques Belges</i> , 2010 , 61, 253-260		9
102	Polyisobutylcyanoacrylate nanoparticles as drug carriers: influence of sulfur dioxide on the physico-chemical characteristics of ciprofloxacin- and doxorubicin-loaded nanoparticles. <i>International Journal of Pharmaceutics</i> , 1998 , 166, 117-120	6.5	9
101	A new method to isolate polyalkylcyanoacrylate nanoparticle preparations. <i>Journal of Drug Targeting</i> , 1995 , 3, 167-9	5.4	9
100	Therapeutic Opportunities in Neuroblastoma Using Nanotechnology. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 370, 625-635	4.7	9
99	Lipid-Conjugation of Endogenous Neuropeptides: Improved Biotherapy against Human Pancreatic Cancer. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1015-22	10.1	8
98	Influence of the nanoprecipitation conditions on the supramolecular structure of squalenoyled nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 96, 89-95	5.7	8
97	Squalene-based nanoparticles for the targeting of atherosclerotic lesions. <i>International Journal of Pharmaceutics</i> , 2020 , 581, 119282	6.5	8
96	Squalene versus cholesterol: Which is the best nanocarrier for the delivery to cells of the anticancer drug gemcitabine?. <i>Comptes Rendus Chimie</i> , 2018 , 21, 974-986	2.7	8
95	Stacking as a Key Property for Creating Nanoparticles with Tunable Shape: The Case of Squalenoyl-Doxorubicin. <i>ACS Nano</i> , 2019 , 13, 12870-12879	16.7	8

94	In vitro determination of the CYP 3A4 activity in rat hepatic microsomes by liquid-phase extraction and HPLC-photodiode array detection. <i>Journal of Pharmacological and Toxicological Methods</i> , 2012 , 66, 29-34	1.7	8
93	Effect of nanoparticles binding β amyloid peptide on nitric oxide production by cultured endothelial cells and macrophages. <i>International Journal of Nanomedicine</i> , 2013 , 8, 1335-47	7.3	8
92	Quantification of trimesic acid in liver, spleen and urine by high-performance liquid chromatography coupled to a photodiode-array detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 2311-4	3.2	8
91	Retroviral inhibition by antisense oligonucleotides determined by intracellular stability. <i>Antisense Research and Development</i> , 1994 , 4, 207-10		8
90	Propidium-iodide-loaded polyalkylcyanoacrylate particles labelling conditions and loading capacity. <i>Colloid and Polymer Science</i> , 1991 , 269, 147-152	2.4	8
89	Colloidal Carriers: A Promising Way to Treat Central Nervous System Diseases. <i>Journal of Nanoneuroscience</i> , 2009 , 1, 17-34		8
88	Polymeric Nanoparticles as Drug Carriers 2006 , 101-110		8
87	Synthesis of a deuterated probe for the confocal Raman microscopy imaging of squalenoyl nanomedicines. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 1127-35	2.5	8
86	Knocking Down TMPRSS2-ERG Fusion Oncogene by siRNA Could be an Alternative Treatment to Flutamide. <i>Molecular Therapy - Nucleic Acids</i> , 2016 , 5, e301	10.7	8
85	A unique multidrug nanomedicine made of squalenoyl-gemcitabine and alkyl-lysophospholipid edelfosine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 144, 165-173	5.7	7
84	PLGA-PEG-supported Pd Nanoparticles as Efficient Catalysts for Suzuki-Miyaura Coupling Reactions in Water. <i>Chimia</i> , 2016 , 70, 252-7	1.3	7
83	Oral absorption and tissue distribution of a new squalenoyl anticancer nanomedicine. <i>Journal of Nanoparticle Research</i> , 2008 , 10, 887-891	2.3	7
82	Slow delivery of the selective cholecystokinin agonist pBC 264 into the rat nucleus accumbens using microspheres. <i>Journal of Neurochemistry</i> , 1996 , 67, 2417-24	6	7
81	Oral administration of peptides: Study of a glycerolipidic prodrug. <i>International Journal of Pharmaceutics</i> , 1995 , 115, 45-52	6.5	7
80	Analysis of Serum Proteins by Micellar Electrokinetic Capillary Chromatography. Application to a Drug Carrier Evaluation. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1996 , 19, 3333-3353	1.3	7
79	Synthesis and aqueous organization of 1,3-dipalmitoyl-2-(4-aminobutyryl) glycerol[HCl]: a diglyceride prodrug. <i>Chemistry and Physics of Lipids</i> , 1991 , 59, 75-81	3.7	7
78	Squalenoyl siRNA PMP22 nanoparticles are effective in treating mouse models of Charcot-Marie-Tooth disease type 1 A. <i>Communications Biology</i> , 2021 , 4, 317	6.7	7
77	Adenosine and lipids: A forced marriage or a love match?. <i>Advanced Drug Delivery Reviews</i> , 2019 , 151-152, 233-244	18.5	6

76	The role of solvent swelling in the self-assembly of squalene based nanomedicines. <i>Soft Matter</i> , 2015 , 11, 4173-9	3.6	6
75	Nanoparticles with In Vivo Anticancer Activity from Polymer Prodrug Amphiphiles Prepared by Living Radical Polymerization. <i>Angewandte Chemie</i> , 2013 , 125, 1722-1726	3.6	6
74	Biodegradable polymeric nanoformulation based on the antiprotozoal canthin-6-one. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 6737-6746	2.3	6
73	Application of thermal analysis to the study of lipidic prodrug incorporation into nanocarriers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009 , 98, 65-71	4.1	6
72	Amphiphilic derivatives of dextran and related nanoparticles. <i>Polymer Science - Series A</i> , 2007 , 49, 708-715	2	6
71	Busulphan-loaded long-circulating nanospheres, a very attractive challenge for both galenists and pharmacologists. <i>Journal of Microencapsulation</i> , 2007 , 24, 715-30	3.4	6
70	Design, Preparation and Characterization of Modular Squalene-based Nanosystems for Controlled Drug Release. <i>Current Topics in Medicinal Chemistry</i> , 2017 ,	3	6
69	Albumin-driven disassembly of lipidic nanoparticles: the specific case of the squalene-adenosine nanodrug. <i>Nanoscale</i> , 2020 , 12, 2793-2809	7.7	6
68	In vitro investigation of multidrug nanoparticles for combined therapy with gemcitabine and a tyrosine kinase inhibitor: Together is not better. <i>Biochimie</i> , 2016 , 130, 4-13	4.6	5
67	Interfacial behavior of PEGylated lipids and their effect on the stability of squalenoyl-drug nanoassemblies. <i>International Journal of Pharmaceutics</i> , 2014 , 471, 75-82	6.5	5
66	Nanoencapsulation of antiviral nucleotide analogs. <i>Journal of Drug Delivery Science and Technology</i> , 2009 , 19, 385-390	4.5	5
65	Swelling of a Sponge Lipid Phase via Incorporation of a Nonionic Amphiphile: SANS and SAXS Studies 2011 , 1-6		5
64	Atomic pair distribution function (PDF) study of iron oxide nanoparticles in aqueous suspension. <i>Journal of Materials Chemistry</i> , 2009 , 19, 6354		5
63	Comparative cell uptake of propidium iodide associated with liposomes or nanoparticles 1987 , 33, 397-405		5
62	Quantitative study of the interaction between polybutylcyanoacrylate nanoparticles and mouse peritoneal macrophages in culture. <i>Journal De Pharmacie De Belgique</i> , 1983 , 38, 130-4		5
61	Squalenoyl-gemcitabine/edelfosine nanoassemblies: Anticancer activity in pediatric cancer cells and pharmacokinetic profile in mice. <i>International Journal of Pharmaceutics</i> , 2020 , 582, 119345	6.5	5
60	Turning Squalene into Cationic Lipid Allows a Delivery of siRNA in Cultured Cells. <i>Nucleic Acid Therapeutics</i> , 2015 , 25, 121-9	4.8	4
59	Quantification of tetramethyl-terephthalic acid in rat liver, spleen and urine matrices by liquid-liquid phase extraction and HPLC-photodiode array detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 67-68, 98-103	3.5	4

58	Biocompatible poly(methylidene malonate)-made materials for pharmaceutical and biomedical applications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 68, 479-95	5.7	4
57	siRNA nanoformulation against the Ret/PTC1 junction oncogene is efficient in an in vivo model of papillary thyroid carcinoma. <i>Nucleic Acids Research</i> , 2008 , 36, 6944-6944	20.1	4
56	In vivo fate and immune pulmonary response after nasal administration of microspheres loaded with phosphorylcholine-thyroglobulin. <i>International Journal of Pharmaceutics</i> , 1999 , 183, 73-9	6.5	4
55	Inhibition of the Friend retrovirus by antisense oligonucleotides. Indirect evidence for the necessity of forced cellular uptake. <i>Annals of the New York Academy of Sciences</i> , 1992 , 660, 334-5	6.5	4
54	Theoretical and experimental study of beveled thyristor structures. <i>Solid-State Electronics</i> , 1979 , 22, 967-971	1.7	4
53	Nanotheranostics for Personalized Medicine 2016 ,		4
52	Pharmacological manipulation of early PrPres accumulation in the spleen of scrapie-infected mice. <i>Archives of Virology Supplementum</i> , 2000 , 39-56		4
51	Elongated self-assembled nanocarriers: From molecular organization to therapeutic applications. <i>Advanced Drug Delivery Reviews</i> , 2021 , 172, 127-147	18.5	4
50	(Poly-cyanoacrylate) nanomedicines for cancer and beyond: Lessons learned. <i>Journal of Controlled Release</i> , 2021 , 334, 318-326	11.7	4
49	Simultaneous quantification of preactivated ifosfamide derivatives and of 4-hydroxyifosfamide by high performance liquid chromatography-tandem mass spectrometry in mouse plasma and its application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 992, 30-5	3.2	3
48	The use of poly (isobutyl cyanoacrylate) nanoparticles with selected antifungal drugs. <i>FEMS Microbiology Letters</i> , 1987 , 44, 413-416	2.9	3
47	Nanocapsules: Preparation, Characterization and Therapeutic Applications 2006 , 255-276		3
46	Formulation of Didanosine Prodrugs into PEGylated Poly(alkyl cyanoacrylate) Nanoparticles and Uptake by Brain Endothelial Cells. <i>Journal of Nanoneuroscience</i> , 2009 , 1, 174-183		3
45	New Poly(Methylidene Malonate 2.1.2) Nanoparticles: Recent Developments 1994 , 161-172		3
44	Investigation of squalene-doxorubicin distribution and interactions within single cancer cell using Raman microspectroscopy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 35, 102404	6	3
43	Biodegradation of Poly(alkylcyanoacrylates) 2002 ,		3
42	Preparation and evaluation of alpha-phenyl-n-tert-butyl nitron (PBN)-encapsulated chitosan and PEGylated chitosan nanoparticles. <i>Die Pharmazie</i> , 2009 , 64, 436-9	1.5	3
41	X-ray microfluorescence for biodistribution studies of nanomedicines. <i>International Journal of Pharmaceutics</i> , 2017 , 531, 343-349	6.5	2

40	Porous Metal-Organic Frameworks as New Drug Carriers 2011 , 559-573		2
39	Formulation of glycerolipidic prodrugs into PEGylated liposomes for brain delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2009 , 19, 61-66	4.5	2
38	Oil/water emulsion-like structures—how interfacial rheology can help to understand their formation?. <i>Journal of Drug Delivery Science and Technology</i> , 2005 , 15, 3-9	4.5	2
37	Polymeric Micro- and Nanoparticles as Drug Carriers 2001 ,		2
36	Adsorption of Allergen Extracts onto Colloidal Particles. <i>Journal of Colloid and Interface Science</i> , 1994 , 166, 294-301	9.3	2
35	Development of Novel Technologies for the Synthesis of Biodegradable Pegylated Nanoparticles 1998 , 225-239		2
34	Squalenoylation: A Novel Technology for Anticancer and Antibiotic Drugs with Enhanced Activity 2016 , 253-272		2
33	Synthesis and Biopharmaceutical Characterization of Amphiphilic Squalenyl Derivative Based Versatile Drug Delivery Platform. <i>Frontiers in Chemistry</i> , 2020 , 8, 584242	5	2
32	Selective modification of a native protein in a patient tissue homogenate using palladium nanoparticles. <i>Chemical Communications</i> , 2019 , 55, 15121-15124	5.8	2
31	A Self-Assembling NHC-Pd-Loaded Calixarene as a Potent Catalyst for the Suzuki-Miyaura Cross-Coupling Reaction in Water. <i>Molecules</i> , 2020 , 25,	4.8	2
30	Gemcitabine lipid prodrug nanoparticles: Switching the lipid moiety and changing the fate in the bloodstream. <i>International Journal of Pharmaceutics</i> , 2021 , 609, 121076	6.5	2
29	pH Sensitive Liposomes as Efficient Carriers for Intracellular Delivery of Oligonucleotides 1996 , 151-162		2
28	Targetable Nanoparticles 1986 , 147-164		2
27	Therapeutic Aspects of Liposomes 1990 , 133-165		2
26	Micro- and nanocarriers for pain alleviation. <i>Advanced Drug Delivery Reviews</i> , 2022 , 187, 114359	18.5	2
25	The Drug-Initiated Method: A Convenient Approach for the Synthesis of Efficient Polymer Prodrug Nanoparticles. <i>ACS Symposium Series</i> , 2015 , 257-272	0.4	1
24	Nanomaterials: Applications in Drug Delivery 2013 , 131-151		1
23	Biodistribution and anticancer activity of a new Vinca alkaloid encapsulated into long-circulating liposomes. <i>Journal of Liposome Research</i> , 2010 , 20, 62-72	6.1	1

22	Lipid-Based Anticancer Prodrugs 2010 , 291-328		1
21	Development of micro- and nanosystems for drug delivery. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 2220-2229	0.7	1
20	Liposomes their fate in vivo and their possible therapeutic use (1.V. route). Efficiency of liposome-entrapped ATP in cerebral ischemia. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993 , 77, 109-112	1	1
19	Nanoparticles for the Delivery of Peptides and Proteins 1994 , 153-159		1
18	Avalanche multiplication factor and reverse current of Si p-n junctions. <i>Physica Status Solidi A</i> , 1976 , 38, 123-129		1
17	Poly(Alkylcyanoacrylates). <i>Surfactant Science</i> , 2003 ,		1
16	Combinatorial Nanomedicine Made of Squalenoyl-Gemcitabine and Edelfosine for the Treatment of Osteosarcoma. <i>Cancers</i> , 2020 , 12,	6.6	1
15	When drug nanocarriers miss their target: extracellular diffusion and cell uptake are not enough to be effective. <i>Biomaterials Science</i> , 2021 , 9, 5407-5414	7.4	1
14	Poly-isoprenylated ifosfamide analogs: Preactivated antitumor agents as free formulation or nanoassemblies. <i>International Journal of Pharmaceutics</i> , 2017 , 532, 748-756	6.5	0
13	Ultrasound-triggered pain relief. <i>Nature Biomedical Engineering</i> , 2017 , 1, 625-626	19	0
12	Gemcitabine Lipid Prodrugs: The Key Role of the Lipid Moiety on the Self-Assembly into Nanoparticles. <i>Bioconjugate Chemistry</i> , 2021 , 32, 782-793	6.3	0
11	Supramolecular organization and biological interaction of squalenoyl siRNA nanoparticles. <i>International Journal of Pharmaceutics</i> , 2021 , 609, 121117	6.5	0
10	Special JDDST issue in honour of Prof. Dominique Duchêne. <i>Journal of Drug Delivery Science and Technology</i> , 2015 , 30, 251-259	4.5	
9	Trends in the development of oral anticoagulants. <i>Therapeutic Delivery</i> , 2015 , 6, 685-703	3.8	
8	Médicaments de haute technologie en oncologie. <i>Oncologie</i> , 2014 , 16, 379-387	1	
7	PEGylated Polymer-Based Nanoparticles for Drug Delivery to the Brain 2014 , 409-428		
6	Phospholipid/triglyceride mixtures: analysis and comparison of the solubilisation profiles 2004 , 139-142		
5	Solubility of triacylglycerols or stearylamine in phospholipid vesicles 2004 , 6-13		

- 4 La « squalhisation » : un exemple de conception de nanomédicaments anticancéreux et antiviraux.
Bulletin De L'Académie Nationale De Médecine, **2009**, 193, 663-674 0.1
- 3 PEGylated Polymer-Based Nanoparticles for Drug Delivery to the Brain 409-428
- 2 Preparation and In Vivo Studies of a New Drug Delivery System **1984**, 263-265
- 1 New Enkephalin Nanomedicines for Pain Alleviation, Overcoming the Side Effects of Morphine
2021, 191-212