

# Christine J Allen

## List of Publications by Year in descending order

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164  
papers

11,242  
citations

26630

56  
h-index

30087

103  
g-index

171  
all docs

171  
docs citations

171  
times ranked

13729  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-engineering block copolymer aggregates for drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 1999, 16, 3-27.	5.0	1,230
2	Gold nanoparticles for applications in cancer radiotherapy: Mechanisms and recent advancements. <i>Advanced Drug Delivery Reviews</i> , 2017, 109, 84-101.	13.7	621
3	Gold Nanoparticles as Radiation Sensitizers in Cancer Therapy. <i>Radiation Research</i> , 2010, 173, 719.	1.5	547
4	Polycaprolactone-b-poly(ethylene oxide) copolymer micelles as a delivery vehicle for dihydrotestosterone. <i>Journal of Controlled Release</i> , 2000, 63, 275-286.	9.9	331
5	Polymer-drug compatibility: A guide to the development of delivery systems for the anticancer agent, ellipticine. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 132-143.	3.3	306
6	The Effects of Particle Size and Molecular Targeting on the Intratumoral and Subcellular Distribution of Polymeric Nanoparticles. <i>Molecular Pharmaceutics</i> , 2010, 7, 1195-1208.	4.6	302
7	Block copolymer micelles for delivery of cancer therapy: Transport at the whole body, tissue and cellular levels. <i>Journal of Controlled Release</i> , 2009, 138, 214-223.	9.9	298
8	Influence of poly(ethylene glycol) grafting density and polymer length on liposomes: Relating plasma circulation lifetimes to protein binding. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 1367-1377.	2.6	286
9	The battle of nano-paclitaxel. <i>Advanced Drug Delivery Reviews</i> , 2017, 122, 20-30.	13.7	270
10	Polycaprolactone-b-poly(ethylene Oxide) Block Copolymer Micelles as a Novel Drug Delivery Vehicle for Neurotrophic Agents FK506 and L-685,818. <i>Bioconjugate Chemistry</i> , 1998, 9, 564-572.	3.6	264
11	Monodisperse Chitosan Nanoparticles for Mucosal Drug Delivery. <i>Biomacromolecules</i> , 2004, 5, 2461-2468.	5.4	241
12	In vivo fate of unimers and micelles of a poly(ethylene glycol)-block-poly(caprolactone) copolymer in mice following intravenous administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 65, 309-319.	4.3	176
13	Poly(ethylene glycol)-b-poly(L-caprolactone) Micelles Containing Chemically Conjugated and Physically Entrapped Docetaxel: Synthesis, Characterization, and the Influence of the Drug on Micelle Morphology. <i>Biomacromolecules</i> , 2010, 11, 1273-1280.	5.4	161
14	Polymeric drug delivery systems for localized cancer chemotherapy. <i>Drug Delivery</i> , 2010, 17, 365-375.	5.7	158
15	Cellular uptake and transport of gold nanoparticles incorporated in a liposomal carrier. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 161-169.	3.3	152
16	To heat or not to heat: Challenges with clinical translation of thermosensitive liposomes. <i>Journal of Controlled Release</i> , 2017, 249, 63-73.	9.9	143
17	The challenges facing block copolymer micelles for cancer therapy: In vivo barriers and clinical translation. <i>Advanced Drug Delivery Reviews</i> , 2015, 91, 7-22.	13.7	142
18	Intracellular uptake, transport, and processing of nanostructures in cancer cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2009, 5, 118-127.	3.3	140

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19	Influence of serum protein on polycarbonate-based copolymer micelles as a delivery system for a hydrophobic anti-cancer agent. <i>Journal of Controlled Release</i> , 2005, 103, 481-497.	9.9	133
20	Radiotherapy for Cancer: Present and Future. <i>Advanced Drug Delivery Reviews</i> , 2017, 109, 1-2.	13.7	128
21	In Vivo Distribution of Polymeric Nanoparticles at the Whole-Body, Tumor, and Cellular Levels. <i>Pharmaceutical Research</i> , 2010, 27, 2343-2355.	3.5	123
22	Radiosensitization by gold nanoparticles: Will they ever make it to the clinic?. <i>Radiotherapy and Oncology</i> , 2017, 124, 344-356.	0.6	122
23	Synthesis and Physicochemical and Dynamic Mechanical Properties of a Water-Soluble Chitosan Derivative as a Biomaterial. <i>Biomacromolecules</i> , 2006, 7, 2845-2855.	5.4	121
24	Multicellular Tumor Spheroids for Evaluation of Cytotoxicity and Tumor Growth Inhibitory Effects of Nanomedicines In Vitro: A Comparison of Docetaxel-Loaded Block Copolymer Micelles and Taxotere®. <i>PLoS ONE</i> , 2013, 8, e62630.	2.5	118
25	Formulation of Drugs in Block Copolymer Micelles: Drug Loading and Release. <i>Current Pharmaceutical Design</i> , 2006, 12, 4685-4701.	1.9	116
26	Computational approaches to the rational design of nanoemulsions, polymeric micelles, and dendrimers for drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 20-36.	3.3	115
27	Cellular internalization of PCL20-b-PEO44 block copolymer micelles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1421, 32-38.	2.6	106
28	Epidermal Growth Factor-Conjugated Poly(ethylene glycol)-block- Poly( $\epsilon$ -valerolactone) Copolymer Micelles for Targeted Delivery of Chemotherapeutics. <i>Bioconjugate Chemistry</i> , 2006, 17, 399-409.	3.6	103
29	In Vivo Performance of a Liposomal Vascular Contrast Agent for CT and MR-Based Image Guidance Applications. <i>Pharmaceutical Research</i> , 2007, 24, 1193-1201.	3.5	103
30	Diblock Copolymer Micelles Deliver Hydrophobic Protoporphyrin IX for Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , 2007, 83, 1505-1512.	2.5	102
31	Lipids and polymers in pharmaceutical technology: Lifelong companions. <i>International Journal of Pharmaceutics</i> , 2019, 558, 128-142.	5.2	101
32	Predicting the Solubility of the Anti-Cancer Agent Docetaxel in Small Molecule Excipients using Computational Methods. <i>Pharmaceutical Research</i> , 2008, 25, 147-157.	3.5	99
33	Machine learning directed drug formulation development. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113806.	13.7	99
34	Methoxy Poly(ethylene glycol)-block-Poly( $\epsilon$ -valerolactone) Copolymer Micelles for Formulation of Hydrophobic Drugs. <i>Biomacromolecules</i> , 2005, 6, 3119-3128.	5.4	98
35	pH gradient loading of anthracyclines into cholesterol-free liposomes: enhancing drug loading rates through use of ethanol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1661, 47-60.	2.6	86
36	Spatial and temporal mapping of heterogeneity in liposome uptake and microvascular distribution in an orthotopic tumor xenograft model. <i>Journal of Controlled Release</i> , 2015, 207, 101-111.	9.9	84

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37	Biocompatibility of injectable chitosan- $\epsilon$ -phospholipid implant systems. <i>Biomaterials</i> , 2009, 30, 3818-3824.	11.4	82
38	Multimodal Contrast Agent for Combined Computed Tomography and Magnetic Resonance Imaging Applications. <i>Investigative Radiology</i> , 2006, 41, 339-348.	6.2	80
39	Noninvasive Monitoring of the Fate of <sup>111</sup> In-Labeled Block Copolymer Micelles by High Resolution and High Sensitivity MicroSPECT/CT Imaging. <i>Molecular Pharmaceutics</i> , 2009, 6, 581-592.	4.6	78
40	Hyperthermia can alter tumor physiology and improve chemo- and radio-therapy efficacy. <i>Advanced Drug Delivery Reviews</i> , 2020, 163-164, 98-124.	13.7	77
41	APN/CD13-targeting as a strategy to alter the tumor accumulation of liposomes. <i>Journal of Controlled Release</i> , 2011, 154, 298-305.	9.9	76
42	Overcoming the Road Blocks: Advancement of Block Copolymer Micelles for Cancer Therapy in the Clinic. <i>Molecular Pharmaceutics</i> , 2017, 14, 2503-2517.	4.6	71
43	Heat-activated thermosensitive liposomal cisplatin (HTLC) results in effective growth delay of cervical carcinoma in mice. <i>Journal of Controlled Release</i> , 2014, 178, 69-78.	9.9	69
44	Chemotherapy Dosing Schedule Influences Drug Resistance Development in Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1289-1299.	4.1	68
45	Towards extracellular matrix normalization for improved treatment of solid tumors. <i>Theranostics</i> , 2020, 10, 1960-1980.	10.0	68
46	Morphological Control of Poly(ethylene glycol)- <i>block</i> -poly( $\epsilon$ -caprolactone) Copolymer Aggregates in Aqueous Solution. <i>Biomacromolecules</i> , 2008, 9, 2283-2291.	5.4	67
47	A Mathematical Model of the Enhanced Permeability and Retention Effect for Liposome Transport in Solid Tumors. <i>PLoS ONE</i> , 2013, 8, e81157.	2.5	66
48	The intra-tumoral relationship between microcirculation, interstitial fluid pressure and liposome accumulation. <i>Journal of Controlled Release</i> , 2015, 211, 163-170.	9.9	65
49	In vitro and in vivo characterization of a novel biocompatible polymer- $\epsilon$ -lipid implant system for the sustained delivery of paclitaxel. <i>Journal of Controlled Release</i> , 2005, 104, 181-191.	9.9	63
50	Novel biocompatible intraperitoneal drug delivery system increases tolerability and therapeutic efficacy of paclitaxel in a human ovarian cancer xenograft model. <i>Cancer Chemotherapy and Pharmacology</i> , 2007, 60, 907-914.	2.3	63
51	Drug release mechanism of paclitaxel from a chitosan- $\epsilon$ -lipid implant system: Effect of swelling, degradation and morphology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 149-157.	4.3	63
52	Quantitative CT Imaging of the Spatial and Temporal Distribution of Liposomes in a Rabbit Tumor Model. <i>Molecular Pharmaceutics</i> , 2009, 6, 571-580.	4.6	62
53	Hypoxia and Cellular Localization Influence the Radiosensitizing Effect of Gold Nanoparticles (AuNPs) in Breast Cancer Cells. <i>Radiation Research</i> , 2014, 182, 475-488.	1.5	62
54	Effects of sustained and intermittent paclitaxel therapy on tumor repopulation in ovarian cancer. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 630-637.	4.1	61

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55	Nano-Sized Assemblies of a PEG-Docetaxel Conjugate as a Formulation Strategy for Docetaxel. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 3274-3290.	3.3	59
56	Nanomedicine and tumor heterogeneity: Concept and complex reality. <i>Nano Today</i> , 2016, 11, 402-414.	11.9	59
57	Apoptotic Epidermal Growth Factor (EGF)-Conjugated Block Copolymer Micelles as a Nanotechnology Platform for Targeted Combination Therapy. <i>Molecular Pharmaceutics</i> , 2007, 4, 769-781.	4.6	57
58	Impact of intraperitoneal, sustained delivery of paclitaxel on the expression of P-glycoprotein in ovarian tumors. <i>Journal of Controlled Release</i> , 2007, 117, 20-27.	9.9	57
59	Radiation and Heat Improve the Delivery and Efficacy of Nanotherapeutics by Modulating Intratumoral Fluid Dynamics. <i>ACS Nano</i> , 2018, 12, 7583-7600.	14.6	55
60	Block Copolymer Micelles Target Auger Electron Radiotherapy to the Nucleus of HER2-Positive Breast Cancer Cells. <i>Biomacromolecules</i> , 2012, 13, 455-465.	5.4	53
61	Differential Role of Organic Anion-Transporting Polypeptides in Estrone-3-Sulphate Uptake by Breast Epithelial Cells and Breast Cancer Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 342, 510-519.	2.5	51
62	Hydrogel Containing Silica Shell Cross-Linked Micelles for Ocular Drug Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 627-637.	3.3	50
63	Tumor perfusion imaging predicts the intra-tumoral accumulation of liposomes. <i>Journal of Controlled Release</i> , 2013, 172, 351-357.	9.9	49
64	Investigating the influence of block copolymer micelle length on cellular uptake and penetration in a multicellular tumor spheroid model. <i>Nanoscale</i> , 2021, 13, 280-291.	5.6	47
65	Synthesis and Characterization of Biodegradable Poly(ethylene Terephthalate)-b-Poly(D,L-lactide) (PECL-PLLA)-block-poly(D,L-lactide)-b-Poly(ethylene Terephthalate) (PLLA-PECL-PLLA) Block Copolymer Micelles. <i>Biomacromolecules</i> , 2004, 5, 1810-1817.	5.4	46
66	Combination Drug Delivery Strategy for the Treatment of Multidrug Resistant Ovarian Cancer. <i>Molecular Pharmaceutics</i> , 2011, 8, 260-269.	4.6	46
67	Image-based analysis of the size- and time-dependent penetration of polymeric micelles in multicellular tumor spheroids and tumor xenografts. <i>International Journal of Pharmaceutics</i> , 2014, 464, 168-177.	5.2	46
68	Liposome formulation of a novel hydrophobic aryl-imidazole compound for anti-cancer therapy. <i>Cancer Chemotherapy and Pharmacology</i> , 2006, 58, 306-318.	2.3	45
69	Active Targeting of Block Copolymer Micelles with Trastuzumab Fab Fragments and Nuclear Localization Signal Leads to Increased Tumor Uptake and Nuclear Localization in HER2-Overexpressing Xenografts. <i>Molecular Pharmaceutics</i> , 2013, 10, 4229-4241.	4.6	45
70	A multimodal nano agent for image-guided cancer surgery. <i>Biomaterials</i> , 2015, 67, 160-168.	11.4	45
71	Partitioning of Pyrene between $\alpha$ -Crew Cut-Block Copolymer Micelles and H <sub>2</sub> O/DMF Solvent Mixtures. <i>Macromolecules</i> , 1997, 30, 7143-7150.	4.8	44
72	Synthesis and Characterization of Six-Arm Star Poly( $\epsilon$ -valerolactone)-block-Methoxy Poly(ethylene Terephthalate) (PVL- <i>b</i> -PCL) Block Copolymer Micelles. <i>Biomacromolecules</i> , 2004, 5, 1810-1817.	5.4	44

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73	Significant Radiation Enhancement Effects by Gold Nanoparticles in Combination with Cisplatin in Triple Negative Breast Cancer Cells and Tumor Xenografts. <i>Radiation Research</i> , 2017, 187, 147-160.	1.5	44
74	Heat-activated drug delivery increases tumor accumulation of synergistic chemotherapies. <i>Journal of Controlled Release</i> , 2019, 308, 197-208.	9.9	42
75	Recent advances in drug delivery strategies for treatment of ovarian cancer. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 567-583.	5.0	39
76	Rodlike Block Copolymer Micelles of Controlled Length in Water Designed for Biomedical Applications. <i>Macromolecules</i> , 2019, 52, 5231-5244.	4.8	38
77	A Novel Minimally Invasive Technique to Create a Rabbit VX2 Lung Tumor Model for Nano-Sized Image Contrast and Interventional Studies. <i>PLoS ONE</i> , 2013, 8, e67355.	2.5	37
78	Continuous Docetaxel Chemotherapy Improves Therapeutic Efficacy in Murine Models of Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1820-1830.	4.1	36
79	Influence of formulation variables on the biodistribution of multifunctional block copolymer micelles. <i>Journal of Controlled Release</i> , 2012, 157, 366-374.	9.9	36
80	Intermolecular Interactions and Morphology of Aqueous Polymer/Surfactant Mixtures Containing Cationic Chitosan and Nonionic Sorbitan Esters. <i>Biomacromolecules</i> , 2008, 9, 2146-2152.	5.4	35
81	The impact of sustained and intermittent docetaxel chemotherapy regimens on cognition and neural morphology in healthy mice. <i>Psychopharmacology</i> , 2014, 231, 841-852.	3.1	35
82	Long-circulating poly(ethylene glycol)-coated emulsions to target solid tumors. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 67, 329-338.	4.3	34
83	Hyperthermia-mediated drug delivery induces biological effects at the tumor and molecular levels that improve cisplatin efficacy in triple negative breast cancer. <i>Journal of Controlled Release</i> , 2018, 282, 35-45.	9.9	33
84	Chitosan-phospholipid blend for sustained and localized delivery of docetaxel to the peritoneal cavity. <i>International Journal of Pharmaceutics</i> , 2009, 377, 76-84.	5.2	32
85	Functionalization of Cellulose Nanocrystals with PEG-Metal-Chelating Block Copolymers via Controlled Conjugation in Aqueous Media. <i>ACS Omega</i> , 2016, 1, 93-107.	3.5	31
86	Turning down the heat: The case for mild hyperthermia and thermosensitive liposomes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 40, 102484.	3.3	31
87	Multifunctional Block Copolymer Micelles for the Delivery of <sup>111</sup> In to EGFR-Positive Breast Cancer Cells for Targeted Auger Electron Radiotherapy. <i>Molecular Pharmaceutics</i> , 2010, 7, 177-186.	4.6	30
88	Systematic design of unimolecular star copolymer micelles using molecular dynamics simulations. <i>Soft Matter</i> , 2010, 6, 5491.	2.7	30
89	Enhancement of docetaxel solubility via conjugation of formulation-compatible moieties. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3437.	2.8	29
90	An injectable depot system for sustained intraperitoneal chemotherapy of ovarian cancer results in favorable drug distribution at the whole body, peritoneal and intratumoral levels. <i>Journal of Controlled Release</i> , 2012, 158, 379-385.	9.9	29

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91	Dual Action Enhancement of Gold Nanoparticle Radiosensitization by Pentamidine in Triple Negative Breast Cancer. <i>Radiation Research</i> , 2016, 185, 549.	1.5	29
92	Engineering Lipobeads: Properties of the Hydrogel Core and the Lipid Bilayer Shell. <i>Biomacromolecules</i> , 2004, 5, 2230-2237.	5.4	27
93	Liposome contrast agent for CT-based detection and localization of neoplastic and inflammatory lesions in rabbits: validation with FDG-PET and histology. <i>Contrast Media and Molecular Imaging</i> , 2010, 5, 147-154.	0.8	27
94	Synthesis of Carboxy-Functionalized Heterobifunctional Poly(ethylene glycol) by a Thiol-Anionic Polymerization Method. <i>Macromolecules</i> , 2006, 39, 6391-6398.	4.8	26
95	Dual-Targeted Delivery of Nanoparticles Encapsulating Paclitaxel and Everolimus: a Novel Strategy to Overcome Breast Cancer Receptor Heterogeneity. <i>Pharmaceutical Research</i> , 2020, 37, 39.	3.5	26
96	Codelivery of Paclitaxel and Everolimus at the Optimal Synergistic Ratio: A Promising Solution for the Treatment of Breast Cancer. <i>Molecular Pharmaceutics</i> , 2018, 15, 3672-3681.	4.6	25
97	Multi-arm PEG/Silica Hydrogel for Sustained Ocular Drug Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 216-226.	3.3	24
98	Effects of Doxorubicin Delivery Systems and Mild Hyperthermia on Tissue Penetration in 3D Cell Culture Models of Ovarian Cancer Residual Disease. <i>Molecular Pharmaceutics</i> , 2015, 12, 3973-3985.	4.6	24
99	Ratio-Dependent Synergism of a Doxorubicin and Olaparib Combination in 2D and Spheroid Models of Ovarian Cancer. <i>Molecular Pharmaceutics</i> , 2018, 15, 472-485.	4.6	24
100	Novel fractionated ultrashort thermal exposures with MRI-guided focused ultrasound for treating tumors with thermosensitive drugs. <i>Science Advances</i> , 2020, 6, .	10.3	22
101	Thermosensitive nanomedicines could revolutionize thermal therapy in oncology. <i>Nano Today</i> , 2017, 16, 9-13.	11.9	20
102	Influence of molecular organization and interactions on drug release for an injectable polymer-lipid blend. <i>International Journal of Pharmaceutics</i> , 2008, 360, 83-90.	5.2	19
103	Factors Controlling Drug Release in Cross-linked Poly(valerolactone) Based Matrices. <i>Molecular Pharmaceutics</i> , 2018, 15, 1565-1577.	4.6	19
104	Development and pharmacokinetic evaluation of a self-nanoemulsifying drug delivery system for the oral delivery of cannabidiol. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 168, 106058.	4.0	19
105	Expression of membrane transporters and metabolic enzymes involved in estrone-3-sulphate disposition in human breast tumour tissues. <i>Breast Cancer Research and Treatment</i> , 2014, 145, 647-661.	2.5	18
106	Why I'm Holding onto Hope for Nano in Oncology. <i>Molecular Pharmaceutics</i> , 2016, 13, 2603-2604.	4.6	18
107	Thermosensitive liposomal cisplatin in combination with local hyperthermia results in tumor growth delay and changes in tumor microenvironment in xenograft models of lung carcinoma. <i>Journal of Drug Targeting</i> , 2016, 24, 865-877.	4.4	18
108	Development of a liposome formulation for improved biodistribution and tumor accumulation of pentamidine for oncology applications. <i>International Journal of Pharmaceutics</i> , 2015, 488, 154-164.	5.2	16



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109	Manganese-porphyrin-enhanced MRI for the detection of cancer cells: A quantitative in vitro investigation with multiple clinical subtypes of breast cancer. <i>PLoS ONE</i> , 2018, 13, e0196998.	2.5	16
110	In Vivo Evaluation of Dual-Targeted Nanoparticles Encapsulating Paclitaxel and Everolimus. <i>Cancers</i> , 2019, 11, 752.	3.7	16
111	Determining critical parameters that influence in vitro performance characteristics of a thermosensitive liposome formulation of vinorelbine. <i>Journal of Controlled Release</i> , 2020, 328, 551-561.	9.9	16
112	Estrone-3-Sulphate, a Potential Novel Ligand for Targeting Breast Cancers. <i>PLoS ONE</i> , 2013, 8, e64069.	2.5	15
113	Neoplastic cell response to tiopronin-coated gold nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 264-273.	3.3	14
114	Postalkylation of a Common mPEG- <i>b</i> -PAGE Precursor to Produce Tunable Morphologies of Spheres, Filomicelles, Disks, and Polymersomes. <i>ACS Macro Letters</i> , 2016, 5, 128-133.	4.8	14
115	Functionalization of Cellulose Nanocrystals with POEGMA Copolymers via Copper-Catalyzed Azide-Alkyne Cycloaddition for Potential Drug-Delivery Applications. <i>Biomacromolecules</i> , 2020, 21, 2014-2023.	5.4	14
116	Synthesis and Physicochemical and Dynamic Mechanical Properties of a Water-Soluble Chitosan Derivative as a Biomaterial. <i>Biomacromolecules</i> , 2006, 7, 3548-3548.	5.4	13
117	Tumor microenvironment determines response to a heat-activated thermosensitive liposome formulation of cisplatin in cervical carcinoma. <i>Journal of Controlled Release</i> , 2017, 262, 182-191.	9.9	13
118	Docetaxel Distribution Following Intraperitoneal Administration in Mice. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2011, 14, 90.	2.1	12
119	Hydrogels Containing Core Cross-Linked Block Co-Polymer Micelles. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 1069-1090.	3.5	12
120	BRCA Status Does Not Predict Synergism of a Carboplatin and Olaparib Combination in High-Grade Serous Ovarian Cancer Cell Lines. <i>Molecular Pharmaceutics</i> , 2018, 15, 2742-2753.	4.6	12
121	Nano-sized Advanced Delivery Systems as Parenteral Formulation Strategies for Hydrophobic Anti-cancer Drugs. , 2009, , 349-383.		11
122	Comparison of Computed Tomography and Optical Image-Based Assessment of Liposome Distribution. <i>Molecular Imaging</i> , 2013, 12, 7290.2012.00028.	1.4	11
123	Custom-designed Laser-based Heating Apparatus for Triggered Release of Cisplatin from Thermosensitive Liposomes with Magnetic Resonance Image Guidance. <i>Journal of Visualized Experiments</i> , 2015, , e53055.	0.3	11
124	Integration of imaging into clinical practice to assess the delivery and performance of macromolecular and nanotechnology-based oncology therapies. <i>Journal of Controlled Release</i> , 2015, 219, 295-312.	9.9	11
125	Preclinical imaging and translational animal models of cancer for accelerated clinical implementation of nanotechnologies and macromolecular agents. <i>Journal of Controlled Release</i> , 2015, 219, 313-330.	9.9	10
126	Drug governs the morphology of polyalkylated block copolymer aggregates. <i>Nanoscale</i> , 2017, 9, 2417-2423.	5.6	10



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127	The question of toxicity of nanomaterials and nanoparticles. <i>Journal of Controlled Release</i> , 2019, 304, 288.	9.9	9
128	“Hip to be square”: Designing PLGA formulations for the future. <i>Journal of Controlled Release</i> , 2020, 319, 487-488.	9.9	9
129	Relationship between composition and properties for stable chitosan films containing lipid microdomains. <i>Journal of Applied Polymer Science</i> , 2007, 103, 3453-3460.	2.6	8
130	Continuous Intraperitoneal Carboplatin Delivery for the Treatment of Late-Stage Ovarian Cancer. <i>Molecular Pharmaceutics</i> , 2013, 10, 3315-3322.	4.6	8
131	125I-Labelled 2-Iodoestrone-3-sulfate: synthesis, characterization and OATP mediated transport studies in hormone dependent and independent breast cancer cells. <i>Nuclear Medicine and Biology</i> , 2015, 42, 274-282.	0.6	7
132	Heat-activated nanomedicine formulation improves the anticancer potential of the HSP90 inhibitor luminespib in vitro. <i>Scientific Reports</i> , 2021, 11, 11103.	3.3	7
133	Spatial Measurements of Perfusion, Interstitial Fluid Pressure and Liposomes Accumulation in Solid Tumors. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	6
134	Survivin silencing improved the cytotoxicity of carboplatin and melphalan in Y79 and primary retinoblastoma cells. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119824.	5.2	6
135	Potential Limitations of Bioluminescent Xenograft Mouse Models: A Systematic Review. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2020, 23, 177-199.	2.1	6
136	Cross-linked valerolactone copolymer implants with tailorable biodegradation, loading and in vitro release of paclitaxel. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 162, 105808.	4.0	5
137	Polymeric Micelles for Formulation of Anti-Cancer Drugs. , 2006, , 317-355.		4
138	What do we do next?. <i>Journal of Controlled Release</i> , 2019, 302, 203.	9.9	4
139	The integration of hyperthermia and drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2020, 163-164, 1-2.	13.7	4
140	Shifting the Paradigm on Cannabis Safety. <i>Cannabis and Cannabinoid Research</i> , 2022, 7, 3-10.	2.9	4
141	Assessment of a liposomal CT/optical contrast agent for image-guided head and neck surgery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102327.	3.3	4
142	Comparison of computed tomography- and optical image-based assessment of liposome distribution. <i>Molecular Imaging</i> , 2013, 12, 148-60.	1.4	4
143	Longitudinal vascular imaging using a novel nano-encapsulated CT and MR contrast agent. , 2007, , .		3
144	Nanomedicine researchers: Slow down to speed up. <i>Journal of Controlled Release</i> , 2019, 315, 214-215.	9.9	3

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145	Poly( $\hat{l}$ -valerolactone-co-allyl- $\hat{l}$ -valerolactone) cross-linked microparticles: Formulation, characterization and biocompatibility. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 2771-2777.	3.3	3
146	Long Circulation and Tumor Accumulation. , 2013, , 543-571.		3
147	Anionic Polymerization of an Amphiphilic Copolymer for Preparation of Block Copolymer Micelles Stabilized by $\pi$ - $\pi$ Stacking Interactions. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	2
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