Marcel B Bally

List of Publications by Year
in descending order

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182	11,105	25034	36028
papers	citations	57 h-index	97 g-index

183	183	183	12233
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeting Tumor Hypoxia: Suppression of Breast Tumor Growth and Metastasis by Novel Carbonic Anhydrase IX Inhibitors. Cancer Research, 2011, 71, 3364-3376.	0.9	662
2	CX-5461 is a DNA G-quadruplex stabilizer with selective lethality in BRCA1/2 deficient tumours. Nature Communications, 2017, 8, 14432.	12.8	379
3	The Liposomal Formulation of Doxorubicin. Methods in Enzymology, 2005, 391, 71-97.	1.0	332
4	Ratiometric dosing of anticancer drug combinations: Controlling drug ratios after systemic administration regulates therapeutic activity in tumor-bearing mice. Molecular Cancer Therapeutics, 2006, 5, 1854-1863.	4.1	295
5	Influence of poly(ethylene glycol) grafting density and polymer length on liposomes: Relating plasma circulation lifetimes to protein binding. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 1367-1377.	2.6	286
6	Magnetic Resonance Imaging of Temperature-Sensitive Liposome Release: Drug Dose Painting and Antitumor Effects. Journal of the National Cancer Institute, 2007, 99, 53-63.	6.3	254
7	The accumulation of drugs within large unilamellar vesicles exhibiting a proton gradient: a survey. Chemistry and Physics of Lipids, 1990, 53, 37-46.	3.2	231
8	Characterization of liposomal systems containing doxorubicin entrapped in response to pH gradients. Biochimica Et Biophysica Acta - Biomembranes, 1990, 1025, 143-151.	2.6	216
9	Sphingomyelin-cholesterol liposomes significantly enhance the pharmacokinetic and therapeutic properties of vincristine in murine and human tumour models. British Journal of Cancer, 1995, 72, 896-904.	6.4	214
10	Rictor and Integrin-Linked Kinase Interact and Regulate Akt Phosphorylation and Cancer Cell Survival. Cancer Research, 2008, 68, 1618-1624.	0.9	200
11	Influence of pH gradients on the transbilayer transport of drugs, lipids, peptides and metal ions into large unilamellar vesicles. BBA - Biomembranes, 1997, 1331, 187-211.	8.0	185
12	A Comparison of Liposomal Formulations of Doxorubicin with Drug Administered in Free Form. Drug Safety, 2001, 24, 903-920.	3.2	183
13	In vivo monitoring of tissue pharmacokinetics of liposome/drug using MRI: Illustration of targeted delivery. Magnetic Resonance in Medicine, 2004, 51, 1153-1162.	3.0	176
14	Biological barriers to cellular delivery of lipid-based DNA carriers. Advanced Drug Delivery Reviews, 1999, 38, 291-315.	13.7	168
15	Techniques for encapsulating bioactive agents into liposomes. Chemistry and Physics of Lipids, 1986, 40, 333-345.	3.2	158
16	Formation of transition metalâ€“doxorubicin complexes inside liposomes. Biochimica Et Biophysica Acta - Biomembranes, 2002, 1565, 41-54.	2.6	150
17	Comparison of different hydrophobic anchors conjugated to poly(ethylene glycol): effects on the pharmacokinetics of liposomal vincristine. Biochimica Et Biophysica Acta - Biomembranes, 1998, 1372, 272-282.	2.6	144
18	Use of Poly(ethylene glycol)â€“Lipid Conjugates to Regulate the Surface Attributes and Transfection Activity of Lipidâ€“DNA Particles. , 2000, 89, 652-663.		141

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19	A Perspective â€“ can copper complexes be developed as a novel class of therapeutics?. Dalton Transactions, 2017, 46, 10758-10773.	3.3	140
20	Uptake of antineoplastic agents into large unilamellar vesicles in response to a membrane potential. Biochimica Et Biophysica Acta - Biomembranes, 1985, 816, 294-302.	2.6	139
21	Autophagy Inhibition Augments the Anticancer Effects of Epirubicin Treatment in Anthracycline-Sensitive and -Resistant Triple-Negative Breast Cancer. Clinical Cancer Research, 2014, 20, 3159-3173.	7.0	126
22	Formation of Novel Hydrophobic Complexes between Cationic Lipids and Plasmid DNA. Biochemistry, 1995, 34, 12877-12883.	2.5	124
23	Chemodosimetry of in vivo tumor liposomal drug concentration using MRI. Magnetic Resonance in Medicine, 2006, 56, 1011-1018.	3.0	119
24	Controlled destabilization of a liposomal drug delivery system enhances mitoxantrone antitumor activity. Nature Biotechnology, 1999, 17, 775-779.	17.5	117
25	Coencapsulation of irinotecan and floxuridine into low cholesterol-containing liposomes that coordinate drug release in vivo. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 678-687.	2.6	117
26	Cationic Lipid Binding to DNA:Â Characterization of Complex Formationâ€. Biochemistry, 1996, 35, 5756-5763.	2.5	115
27	Surface-associated serum proteins inhibit the uptake of phosphatidylserine and poly(ethylene glycol) liposomes by mouse macrophages. Biochimica Et Biophysica Acta - Biomembranes, 2001, 1513, 25-37.	2.6	114
28	Preferential Dependence of Breast Cancer Cells versus Normal Cells on Integrin-Linked Kinase for Protein Kinase B/Akt Activation and Cell Survival. Cancer Research, 2006, 66, 393-403.	0.9	113
29	A Low Carbohydrate, High Protein Diet Slows Tumor Growth and Prevents Cancer Initiation. Cancer Research, 2011, 71, 4484-4493.	0.9	110
30	Encapsulation of doxorubicin into thermosensitive liposomes via complexation with the transition metal manganese. Journal of Controlled Release, 2005, 104, 271-288.	9.9	108
31	A Parenteral Econazole Formulation Using a Novel Micelle-to-Liposome Transfer Method: In Vitro Characterization and Tumor Growth Delay in a Breast Cancer Xenograft Model. Pharmaceutical Research, 2006, 23, 2575-2585.	3.5	105
32	Inhibition of ILK in PTEN-mutant human glioblastomas inhibits PKB/Akt activation, induces apoptosis, and delays tumor growth. Oncogene, 2005, 24, 3596-3605.	5.9	101
33	The functional roles of poly(ethylene glycol)â€lipid and lysolipid in the drug retention and release from lysolipidâ€containing thermosensitive liposomes in vitro and in vivo. Journal of Pharmaceutical Sciences, 2010, 99, 2295-2308.	3.3	98
34	Liposomes with entrapped doxorubicin exhibit extended blood residence times. Biochimica Et Biophysica Acta - Biomembranes, 1990, 1023, 133-139.	2.6	95
35	In Vitro and in Vivo Characterization of Doxorubicin and Vincristine Coencapsulated within Liposomes through Use of Transition Metal Ion Complexation and pH Gradient Loading. Clinical Cancer Research, 2004, 10, 728-738.	7.0	95
36	Use of poly(ethylene glycol)â€“lipid conjugates to regulate the surface attributes and transfection activity of lipidâ€“DNA particles. Journal of Pharmaceutical Sciences, 2000, 89, 652.	3.3	95

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37	An evaluation of transmembrane ion gradient-mediated encapsulation of topotecan within liposomes. Journal of Controlled Release, 2004, 96, 449-461.	9.9	94
38	Induction of Autophagy Is an Early Response to Gefitinib and a Potential Therapeutic Target in Breast Cancer. PLoS ONE, 2013, 8, e76503.	2.5	88
39	pH gradient loading of anthracyclines into cholesterol-free liposomes: enhancing drug loading rates through use of ethanol. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1661, 47-60.	2.6	86
40	Characterization of Lipid DNA Interactions. I. Destabilization of Bound Lipids and DNA Dissociation. Biophysical Journal, 1998, 75, 1040-1051.	0.5	84
41	Development of a weak-base docetaxel derivative that can be loaded into lipid nanoparticles. Journal of Controlled Release, 2010, 144, 332-340.	9.9	78
42	Identification of vesicle properties that enhance the antitumour activity of liposomal vincristine against murine L1210 leukemia. Cancer Chemotherapy and Pharmacology, 1993, 33, 17-24.	2.3	77
43	Treatment of HER-2/neu Overexpressing Breast Cancer Xenograft Models with Trastuzumab (Herceptin) and Gefitinib (ZD1839): Drug Combination Effects on Tumor Growth, HER-2/neu and Epidermal Growth Factor Receptor Expression, and Viable Hypoxic Cell Fraction. Clinical Cancer Research, 2004, 10, 2512-2524.	7.0	77
44	Liposomal Irinotecan. Clinical Cancer Research, 2004, 10, 6638-6649.	7.0	75
45	Plasmid DNA is Protected against Ultrasonic Cavitation-Induced Damage when Complexed to Cationic Liposomes. Journal of Pharmaceutical Sciences, 1996, 85, 427-433.	3.3	70
46	Preclinical pharmacology, toxicology and efficacy of sphingomyelin/cholesterol liposomal vincristine for therapeutic treatment of cancer. Cancer Chemotherapy and Pharmacology, 1998, 42, 461-470.	2.3	66
47	Studies on the myelosuppressive activity of doxorubicin entrapped in liposomes. Cancer Chemotherapy and Pharmacology, 1990, 27, 13-19.	2.3	65
48	Copperâ€“topotecan complexation mediates drug accumulation into liposomes. Journal of Controlled Release, 2006, 114, 78-88.	9.9	65
49	A non-covalent method of attaching antibodies to liposomes. Biochimica Et Biophysica Acta - Biomembranes, 1987, 901, 157-160.	2.6	63
50	Nano-Encapsulation of Arsenic Trioxide Enhances Efficacy against Murine Lymphoma Model while Minimizing Its Impact on Ovarian Reserve In Vitro and In Vivo. PLoS ONE, 2013, 8, e58491.	2.5	63
51	Effective induction of CD8+ T-cell response using CpG oligodeoxynucleotides and HER-2/neu-derived peptide co-encapsulated in liposomes. Vaccine, 2003, 21, 3319-3329.	3.8	62
52	Suppression of VEGF secretion and changes in glioblastoma multiforme microenvironment by inhibition of Integrin-linked kinase (ILK). Molecular Cancer Therapeutics, 2008, 7, 59-70.	4.1	62
53	Development of a liposomal nanoparticle formulation of 5-Fluorouracil for parenteral administration: Formulation design, pharmacokinetics and efficacy. Journal of Controlled Release, 2011, 150, 212-219.	9.9	62
54	Polyethylene Glycol Modified Phospholipids Stabilize Emulsions Prepared from Triacylglycerol â€. Journal of Pharmaceutical Sciences, 1994, 83, 1558-1564.	3.3	60

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55	Improved retention of idarubicin after intravenous injection obtained for cholesterol-free liposomes. Biochimica Et Biophysica Acta - Biomembranes, 2002, 1561, 188-201.	2.6	60
56	QLT0267, a small molecule inhibitor targeting integrin-linked kinase (ILK), and docetaxel can combine to produce synergistic interactions linked to enhanced cytotoxicity, reductions in P-AKT levels, altered F-actin architecture and improved treatment outcomes in an orthotopic breast cancer model. Breast Cancer Research, 2009, 11, R25.	5.0	60
57	Encapsulation of Vincristine in Liposomes Reduces its Toxicity and Improves its Anti-Tumor Efficacy. Journal of Liposome Research, 1995, 5, 523-541.	3.3	58
58	Poly(ethylene glycol)-Modified Phospholipids Prevent Aggregation during Covalent Conjugation of Proteins to Liposomes. Bioconjugate Chemistry, 1995, 6, 187-194.	3.6	58
59	Use of a passive equilibration methodology to encapsulate cisplatin into preformed thermosensitive liposomes. International Journal of Pharmaceutics, 2008, 349, 38-46.	5.2	58
60	Identification of breast cancer cell subtypes sensitive to ATG4B inhibition. Oncotarget, 2016, 7, 66970-66988.	1.8	58
61	Attaching histidine-tagged peptides and proteins to lipid-based carriers through use of metal-ion-chelating lipids. Biochimica Et Biophysica Acta - Biomembranes, 2002, 1567, 204-212.	2.6	57
62	Mastoparan is a membranolytic anti-cancer peptide that works synergistically with gemcitabine in a mouse model of mammary carcinoma. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 3195-3204.	2.6	57
63	Self-assembling DNA-lipid particles for gene transfer. Pharmaceutical Research, 1997, 14, 190-196.	3.5	56
64	Efficient Delivery of Antennapedia Homeodomain Fused to CTL Epitope with Liposomes into Dendritic Cells Results in the Activation of CD8+ T Cells. Journal of Immunology, 2001, 167, 6462-6470.	0.8	56
65	Modulation of cancer cell survival pathways using multivalent liposomal therapeutic antibody constructs. Molecular Cancer Therapeutics, 2007, 6, 844-855.	4.1	54
66	Transfer of liposomal drug carriers from the blood to the peritoneal cavity of normal and ascitic tumor-bearing mice. Cancer Chemotherapy and Pharmacology, 1994, 34, 137-146.	2.3	53
67	Selective protein interactions with phosphatidylserine containing liposomes alter the steric stabilization properties of poly(ethylene glycol). Biochimica Et Biophysica Acta - Biomembranes, 2001, 1510, 56-69.	2.6	52
68	Development and optimization of an injectable formulation of copper diethyldithiocarbamate, an active anticancer agent. International Journal of Nanomedicine, 2017, Volume 12, 4129-4146.	6.7	52
69	Liposome encapsulated vincristine: preclinical toxicologic and pharmacologic comparison with free vincristine and empty liposomes in mice, rats and dogs. Anti-Cancer Drugs, 1994, 5, 579-590.	1.4	50
70	The Formulation of Lipid-Based Nanotechnologies for the Delivery of Fixed Dose Anticancer Drug Combinations. Current Drug Delivery, 2005, 2, 341-351.	1.6	50
71	Vascular normalization in orthotopic glioblastoma following intravenous treatment with lipid-based nanoparticulate formulations of irinotecan (Irinophore Câ„¢), doxorubicin (CaelyxÂ®) or vincristine. BMC Cancer, 2011, 11, 124.	2.6	49
72	Clearance properties of liposomes involving conjugated proteins for targeting. Advanced Drug Delivery Reviews, 1998, 32, 99-118.	13.7	48

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73	Pharmacokinetic behavior of vincristine sulfate following administration of vincristine sulfate liposome injection. Cancer Chemotherapy and Pharmacology, 1998, 41, 347-352.	2.3	48
74	Suppression of Her2/neu expression through ILK inhibition is regulated by a pathway involving TWIST and YB-1. Oncogene, 2010, 29, 6343-6356.	5.9	48
75	Intratumor distribution of doxorubicin following i.v. administration of drug encapsulated in egg phosphatidylcholine/cholesterol liposomes. Cancer Chemotherapy and Pharmacology, 1997, 40, 309-317.	2.3	47
76	Preparation, Characterization, and Biological Analysis of Liposomal Formulations of Vincristine. Methods in Enzymology, 2005, 391, 40-57.	1.0	46
77	A novel liposomal irinotecan formulation with significant anti-tumour activity: Use of the divalent cation ionophore A23187 and copper-containing liposomes to improve drug retention. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 68, 607-617.	4.3	46
78	Recent Treatment Advances and the Role of Nanotechnology, Combination Products, and Immunotherapy in Changing the Therapeutic Landscape of Acute Myeloid Leukemia. Pharmaceutical Research, 2019, 36, 125.	3.5	46
79	Pre-clinical evaluation of Rh2 in PC-3 human xenograft model for prostate cancer in vivo: formulation, pharmacokinetics, biodistribution and efficacy. Cancer Chemotherapy and Pharmacology, 2009, 64, 1085-1095.	2.3	44
80	Dopamine accumulation in large unilamellar vesicle systems induced by transmembrane ion gradients. Chemistry and Physics of Lipids, 1988, 47, 97-107.	3.2	43
81	Antennapedia transduction sequence promotes anti tumour immunity to epicutaneously administered CTL epitopes. Vaccine, 2004, 22, 1985-1991.	3.8	43
82	Irinophore C, a Novel Nanoformulation of Irinotecan, Alters Tumor Vascular Function and Enhances the Distribution of 5-Fluorouracil and Doxorubicin. Clinical Cancer Research, 2008, 14, 7260-7271.	7.0	43
83	Transition Metal-Mediated Liposomal Encapsulation of Irinotecan (CPT-11) Stabilizes the Drug in the Therapeutically Active Lactone Conformation. Pharmaceutical Research, 2006, 23, 2799-2808.	3.5	42
84	Silencing Bcl-2 in models of mantle cell lymphoma is associated with decreases in cyclin D1, nuclear factor-ÎºB, p53, bax, and p27 levels. Molecular Cancer Therapeutics, 2008, 7, 749-758.	4.1	42
85	The cationic lipid stearylamine reduces the permeability of the cationic drugs verapamil and prochlorperazine to lipid bilayers: Implications for drug delivery. Biochimica Et Biophysica Acta - Biomembranes, 1995, 1238, 147-155.	2.6	41
86	Nanoscale Reaction Vessels Designed for Synthesis of Copper-Drug Complexes Suitable for Preclinical Development. PLoS ONE, 2016, 11, e0153416.	2.5	40
87	Vincristine-induced dermal toxicity is significantly reduced when the drug is given in liposomes. Cancer Chemotherapy and Pharmacology, 1996, 37, 351-355.	2.3	39
88	A multi-step lipid mixing assay to model structural changes in cationic lipoplexes used for in vitro transfection. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1461, 27-46.	2.6	39
89	Characterization of Cationic Liposome Formulations Designed to Exhibit Extended Plasma Residence Times and Tumor Vasculature Targeting Properties. Journal of Pharmaceutical Sciences, 2010, 99, 2839-2853.	3.3	39
90	Substantial increases in idarubicin plasma concentration by liposome encapsulation mediates improved antitumor activity. Journal of Controlled Release, 2005, 105, 89-105.	9.9	38

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91	Irinophore C: A Liposome Formulation of Irinotecan with Substantially Improved Therapeutic Efficacy against a Panel of Human Xenograft Tumors. Clinical Cancer Research, 2008, 14, 1208-1217.	7.0	37
92	Development and Assessment of Conventional and Targeted Drug Combinations for Use in the Treatment of Aggressive Breast Cancers. Current Cancer Drug Targets, 2006, 6, 455-489.	1.6	36
93	The Use of Transmembrane pH Gradient-Driven Drug Encapsulation in the Pharmacodynamic Evaluation of Liposomal Doxorubicin. Journal of Liposome Research, 1994, 4, 529-553.	3.3	35
94	Intermembrane transfer of polyethylene glycol-modified phosphatidylethanolamine as a means to reveal surface-associated binding ligands on liposomes. Biochimica Et Biophysica Acta - Biomembranes, 2001, 1513, 193-206.	2.6	35
95	Prevention of Antibody-Mediated Elimination of Ligand-Targeted Liposomes by Using Poly(Ethylene) Tj ETQq1 1 0.784314 rgBT /Overl	2.5	35
96	Controlling the Drug Delivery Attributes of Lipid-Based Drug Formulations. Journal of Liposome Research, 1998, 8, 299-335.	3.3	34
97	Sulfonation, an underexploited area: from skeletal development to infectious diseases and cancer. Oncotarget, 2016, 7, 55811-55827.	1.8	34
98	Antitumor Efficacy of Oblimersen Bcl-2 Antisense Oligonucleotide Alone and in Combination with Vinorelbine in Xenograft Models of Human Nonâ€“Small Cell Lung Cancer. Clinical Cancer Research, 2004, 10, 7662-7670.	7.0	33
99	A simple passive equilibration method for loading carboplatin into pre-formed liposomes incubated with ethanol as a temperature dependent permeability enhancer. Journal of Controlled Release, 2017, 252, 50-61.	9.9	33
100	Validation of a high-performance liquid chromatographic assay method for quantification of total vincristine sulfate in human plasma following administration of vincristine sulfate liposome injection. Journal of Pharmaceutical and Biomedical Analysis, 1997, 16, 675-687.	2.8	32
101	Targeting of antibody conjugated, phosphatidylserine-containing liposomes to vascular cell adhesion molecule 1 for controlled thrombogenesis. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1613, 115-121.	2.6	32
102	In vitro and in vivo characterization of a combination chemotherapy formulation consisting of vinorelbine and phosphatidylserine. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 65, 289-299.	4.3	32
103	Analysis of Cationic Liposome-mediated Interactions of Plasmid DNA with Murine and Human Melanoma Cells in Vitro. Journal of Biological Chemistry, 1997, 272, 19480-19487.	3.4	31
104	Intravenous Pretreatment with Empty pH Gradient Liposomes Alters the Pharmacokinetics and Toxicity of Doxorubicin through In Vivo Active Drug Encapsulation. Journal of Pharmaceutical Sciences, 1999, 88, 96-102.	3.3	31
105	A novel oral dosage formulation of the ginsenoside aglycone protopanaxadiol exhibits therapeutic activity against a hormone-insensitive model of prostate cancer. Anti-Cancer Drugs, 2012, 23, 543-552.	1.4	31
106	Synthetic lethality in lung cancer and translation to clinical therapies. Molecular Cancer, 2016, 15, 61.	19.2	31
107	A two-step targeting approach for delivery of doxorubicin-loaded liposomes to tumour cells in vivo. Cancer Chemotherapy and Pharmacology, 1995, 36, 91-101.	2.3	30
108	Lipid/DNA complexes as an intermediate in the preparation of particles for gene transfer: an alternative to cationic liposome/DNA aggregates. Advanced Drug Delivery Reviews, 1997, 24, 275-290.	13.7	30

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109	Liposomal Formulations to Modulate the Tumour Microenvironment and Antitumour Immune Response. International Journal of Molecular Sciences, 2018, 19, 2922.	4.1	30
110	Monolignol export by diffusion down a polymerization-induced concentration gradient. Plant Cell, 2022, 34, 2080-2095.	6.6	30
111	Pharmacodynamic Behavior of Liposomal Antisense Oligonucleotides Targeting Her-2/neu and Vascular Endothelial Growth Factor in an Ascitic MDA435/LCC6 Human Breast Cancer Model. Cancer Biology and Therapy, 2004, 3, 197-204.	3.4	29
112	Four human t(11;14)(q13;q32)-containing cell lines having classic and variant features of Mantle Cell Lymphoma. Leukemia Research, 2006, 30, 449-457.	0.8	29
113	Rh2 or its aglycone aPPD in combination with docetaxel for treatment of prostate cancer. Prostate, 2010, 70, 1437-1447.	2.3	29
114	Designing Liposomal Anticancer Drug Formulations for Specific Therapeutic Applications. Journal of Liposome Research, 2000, 10, 99-115.	3.3	27
115	Effects of phosphatidylserine on membrane incorporation and surface protection properties of exchangeable poly(ethylene glycol)-conjugated lipids. Biochimica Et Biophysica Acta - Biomembranes, 2002, 1560, 37-50.	2.6	27
116	Copper (II) complexes of bidentate ligands exhibit potent anti-cancer activity regardless of platinum sensitivity status. Investigational New Drugs, 2017, 35, 682-690.	2.6	27
117	Characterization of Long-Circulating Cationic Nanoparticle Formulations Consisting of a Two-Stage PEGylation Step for the Delivery of siRNA in a Breast Cancer Tumor Model. Journal of Pharmaceutical Sciences, 2013, 102, 227-236.	3.3	26
118	Development of a copper-clioquinol formulation suitable for intravenous use. Drug Delivery and Translational Research, 2018, 8, 239-251.	5.8	26
119	Combined RNAi-Mediated Suppression of Rictor and EGFR Resulted in Complete Tumor Regression in an Orthotopic Glioblastoma Tumor Model. PLoS ONE, 2013, 8, e59597.	2.5	26
120	The combination of gefitinib and RAD001 inhibits growth of HER2 overexpressing breast cancer cells and tumors irrespective of trastuzumab sensitivity. BMC Cancer, 2011, 11, 420.	2.6	25
121	An immune response to ovalbumin covalently coupled to liposomes is prevented when the liposomes used contain doxorubicin. Journal of Immunological Methods, 1997, 210, 137-148.	1.4	24
122	Topophore C: a liposomal nanoparticle formulation of topotecan for treatment of ovarian cancer. Investigational New Drugs, 2013, 31, 46-58.	2.6	24
123	Treatment of Colorectal Cancer Using a Combination of Liposomal Irinotecan (Irinophore Câ„¢) and 5-Fluorouracil. PLoS ONE, 2013, 8, e62349.	2.5	24
124	HER-2/neu Overexpression Increases the Viable Hypoxic Cell Population within Solid Tumors without Causing Changes in Tumor Vascularization. Molecular Cancer Research, 2004, 2, 606-619.	3.4	24
125	The presence of GM1 in liposomes with entrapped doxorubicin does not prevent RES blockade. Lipids and Lipid Metabolism, 1993, 1168, 249-252.	2.6	23
126	Oxazole yellow homodimer YOYO-1-labeled DNA: a fluorescent complex that can be used to assess structural changes in DNA following formation and cellular delivery of cationic lipid DNA complexes. Biochimica Et Biophysica Acta - General Subjects, 2001, 1527, 61-72.	2.4	22

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127	Topotecan and Doxorubicin Combination to Treat Recurrent Ovarian Cancer: The Influence of Drug Exposure Time and Delivery Systems to Achieve Optimum Therapeutic Activity. Clinical Cancer Research, 2013, 19, 865-877.	7.0	22
128	Characterization of a liposomal copper(II)-quercetin formulation suitable for parenteral use. Drug Delivery and Translational Research, 2020, 10, 202-215.	5.8	22
129	Selective Recognition of Rituximab-Functionalized Gold Nanoparticles by Lymphoma Cells Studied with 3D Imaging. Journal of Physical Chemistry C, 2009, 113, 20252-20258.	3.1	21
130	Antibody Conjugation Methods for Active Targeting of Liposomes. , 2000, 25, 51-68.		20
131	Validating the use of a luciferase labeled breast cancer cell line, MDA435LCC6, as a means to monitor tumor progression and to assess the therapeutic activity of an established anticancer drug, docetaxel (Dt) alone or in combination with the ILK inhibitor, QLT0267. Cancer Biology and Therapy, 2011, 11, 826-838.	3.4	20
132	Irinophore Câ„¢, a lipid nanoparticulate formulation of irinotecan, improves vascular function, increases the delivery of sequentially administered 5-FU in HT-29 tumors, and controls tumor growth in patient derived xenografts of colon cancer. Journal of Controlled Release, 2015, 199, 72-83.	9.9	19
133	Optimization of liposomal topotecan for use in treating neuroblastoma. Cancer Medicine, 2017, 6, 1240-1254.	2.8	19
134	What Drives Innovation: The Canadian Touch on Liposomal Therapeutics. Pharmaceutics, 2019, 11, 124.	4.5	19
135	LIPOSOMAL CYCLOSPORINE. Transplantation, 1995, 60, 1006.	1.0	18
136	Decreased levels of hypoxic cells in gefitinib treated ER+ HER-2 overexpressing MCF-7 breast cancer tumors are associated with hyperactivation of the mTOR pathway: therapeutic implications for combination therapy with rapamycin. Breast Cancer Research and Treatment, 2007, 106, 319-331.	2.5	18
137	Multivalent rituximab lipid nanoparticles as improved lymphoma therapies: indirect mechanisms of action andin vivoactivity. Nanomedicine, 2011, 6, 1575-1591.	3.3	18
138	PRCosomes: pretty reactive complexes formed in liposomes. Journal of Drug Targeting, 2016, 24, 787-796.	4.4	17
139	3â€²-Phosphoadenosine 5â€²-phosphosulfate synthase 1 (PAPSS1) knockdown sensitizes non-small cell lung cancer cells to DNA damaging agents. Oncotarget, 2015, 6, 17161-17177.	1.8	17
140	Characterization of hybrid CTL epitope delivery systems consisting of the Antennapedia homeodomain peptide vector formulated in liposomes. Journal of Immunological Methods, 2001, 254, 119-135.	1.4	16
141	Gene Silencing in the Development of Personalized Cancer Treatment: The Targets, the Agents and the Delivery Systems. Current Gene Therapy, 2006, 6, 505-533.	2.0	16
142	Liposomal Drug Delivery: Recent Patents and Emerging Opportunities. Recent Patents on Drug Delivery and Formulation, 2007, 1, 185-194.	2.1	16
143	Development and characterization of a novel flavopiridol formulation for treatment of acute myeloid leukemia. Journal of Controlled Release, 2021, 333, 246-257.	9.9	15
144	Cationic Liposomeâ€“Plasmid DNA Complexes Used for Gene Transfer Retain a Significant Trapped Volume. Journal of Pharmaceutical Sciences, 1998, 87, 9-14.	3.3	14

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145	Irinophore Câ„¢, a lipid nanoparticle formulation of irinotecan, abrogates the gastrointestinal effects of irinotecan in a rat model of clinical toxicities. Investigational New Drugs, 2014, 32, 1071-1082.	2.6	14
146	Plasma protein binding, lipoprotein distribution and uptake of free and lipid-associated BCL-2 antisense oligodeoxynucleotides (G3139) in human melanoma cells. International Journal of Pharmaceutics, 2002, 241, 57-64.	5.2	12
147	Irinotecanâ€“cisplatin interactions assessed in cell-based screening assays: cytotoxicity, drug accumulation and DNA adduct formation in an NSCLC cell line. Cancer Chemotherapy and Pharmacology, 2007, 60, 91-102.	2.3	12
148	In Vivo Validation of PAPSS1 (3â€²-phosphoadenosine 5â€²-phosphosulfate synthase 1) as a Cisplatin-sensitizing Therapeutic Target. Clinical Cancer Research, 2017, 23, 6555-6566.	7.0	12
149	Combined Use of Gene Expression Modeling and siRNA Screening Identifies Genes and Pathways Which Enhance the Activity of Cisplatin When Added at No Effect Levels to Non-Small Cell Lung Cancer Cells In Vitro. PLoS ONE, 2016, 11, e0150675.	2.5	12
150	Liposomal Anticancer Drugs as Agents to be used in Combination with other Anticancer Agents: Studies on a Liposomal Formulation with two Encapsulated Drugs. Journal of Liposome Research, 1999, 9, 507-522.	3.3	11
151	Copper-CX-5461: A novel liposomal formulation for a small molecule rRNA synthesis inhibitor. Journal of Controlled Release, 2018, 286, 1-9.	9.9	11
152	Liposomes. , 2013, , 27-63.		11
153	HER-2/neu overexpression increases the viable hypoxic cell population within solid tumors without causing changes in tumor vascularization. Molecular Cancer Research, 2004, 2, 606-19.	3.4	11
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