

Thomas L Andresen

List of Publications by Year in descending order

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183
papers

9,693
citations

41344

49
h-index

43889

91
g-index

185
all docs

185
docs citations

185
times ranked

13939
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix effect in tumor lysates – Does it affect your cytokine ELISA and multiplex analyses?. <i>Journal of Immunological Methods</i> , 2022, 500, 113177.	1.4	1
2	Accelerated blood clearance and hypersensitivity by PEGylated liposomes containing TLR agonists. <i>Journal of Controlled Release</i> , 2022, 342, 337-344.	9.9	24
3	Quantifying the heterogeneity of enzymatic dePEGylation of liposomal nanocarrier systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 171, 80-89.	4.3	6
4	Unravelling Heterogeneities in Complement and Antibody Opsonization of Individual Liposomes as a Function of Surface Architecture. <i>Small</i> , 2022, 18, e2106529.	10.0	10
5	Mechanisms of selective monocyte targeting by liposomes functionalized with a cationic, arginine-rich lipopeptide. <i>Acta Biomaterialia</i> , 2022, 144, 96-108.	8.3	7
6	Cell surface-tethered IL-12 repolarizes the tumor immune microenvironment to enhance the efficacy of adoptive T cell therapy. <i>Science Advances</i> , 2022, 8, eabi8075.	10.3	21
7	Effective Intratumoral Retention of [¹⁰³ Pd]AuPd Alloy Nanoparticles Embedded in Gel-Forming Liquids Paves the Way for New Nanobrachytherapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002009.	7.6	8
8	A participant-derived xenograft model of HIV enables long-term evaluation of autologous immunotherapies. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	9
9	Optical tissue clearing and machine learning can precisely characterize extravasation and blood vessel architecture in brain tumors. <i>Communications Biology</i> , 2021, 4, 815.	4.4	9
10	Isolation methods commonly used to study the liposomal protein corona suffer from contamination issues. <i>Acta Biomaterialia</i> , 2021, 130, 460-472.	8.3	17
11	Carbohydrate based biomarkers enable hybrid near infrared fluorescence and ⁶⁴ Cu based radio-guidance for improved surgical precision. <i>Nanotheranostics</i> , 2021, 5, 448-460.	5.2	3
12	Effect of apoA-I PEGylation on the Biological Fate of Biomimetic High-Density Lipoproteins. <i>ACS Omega</i> , 2021, 6, 871-880.	3.5	2
13	Photothermal Therapy as Adjuvant to Surgery in an Orthotopic Mouse Model of Human Fibrosarcoma. <i>Cancers</i> , 2021, 13, 5820.	3.7	8
14	Anti-PD-1 Therapy with Adjuvant Ablative Fractional Laser Improves Anti-Tumor Response in Basal Cell Carcinomas. <i>Cancers</i> , 2021, 13, 6326.	3.7	4
15	Quantitative determination of ⁶⁴ Cu-liposome accumulation at inflammatory and infectious sites: Potential for future theranostic system. <i>Journal of Controlled Release</i> , 2020, 327, 737-746.	9.9	14
16	Cell targeting strategy affects the intracellular trafficking of liposomes altering loaded doxorubicin release kinetics and efficacy in endothelial cells. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119715.	5.2	5
17	Head-to-Head Comparison of the Penetration Efficiency of Lipid-Based Nanoparticles into Tumor Spheroids. <i>ACS Omega</i> , 2020, 5, 21162-21171.	3.5	28
18	Tumor repolarization by an advanced liposomal drug delivery system provides a potent new approach for chemo-immunotherapy. <i>Science Advances</i> , 2020, 6, .	10.3	49

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19	Multimodal soft tissue markers for bridging high-resolution diagnostic imaging with therapeutic intervention. <i>Science Advances</i> , 2020, 6, eabb5353.	10.3	8
20	Hacking Human Beings with Machine Biology to Increase Lifespan. <i>Trends in Biotechnology</i> , 2020, 38, 1312-1315.	9.3	0
21	Brain tumor vessels—a barrier for drug delivery. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 959-968.	5.9	8
22	A quantitative <i>in vivo</i> study of the interactions between reconstituted high-density lipoproteins and human leukocytes. <i>RSC Advances</i> , 2020, 10, 3884-3894.	3.6	5
23	The need to freeze—Dehydration during specimen preparation for electron microscopy collapses the endothelial glycocalyx regardless of fixation method. <i>Microcirculation</i> , 2020, 27, e12643.	1.8	10
24	Enhanced and Sustained Cutaneous Delivery of Vismodegib by Ablative Fractional Laser and Microemulsion Formulation. <i>Journal of Investigative Dermatology</i> , 2020, 140, 2051-2059.	0.7	15
25	Targeting the transferrin receptor for brain drug delivery. <i>Progress in Neurobiology</i> , 2019, 181, 101665.	5.7	204
26	The Composition of Reconstituted High-Density Lipoproteins (rHDL) Dictates the Degree of rHDL Cargo- and Size-Remodeling via Direct Interactions with Endogenous Lipoproteins. <i>Bioconjugate Chemistry</i> , 2019, 30, 2634-2646.	3.6	15
27	Unique Calibrators Derived from Fluorescence-Activated Nanoparticle Sorting for Flow Cytometric Size Estimation of Artificial Vesicles: Possibilities and Limitations. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 917-924.	1.5	12
28	The hard protein corona of stealth liposomes is sparse. <i>Journal of Controlled Release</i> , 2019, 307, 1-15.	9.9	51
29	Protein Transduction Domain Mimics Facilitate Rapid Antigen Delivery into Monocytes. <i>Molecular Pharmaceutics</i> , 2019, 16, 2462-2469.	4.6	8
30	A tumorsphere model of glioblastoma multiforme with intratumoral heterogeneity for quantitative analysis of cellular migration and drug response. <i>Experimental Cell Research</i> , 2019, 379, 73-82.	2.6	15
31	PEG—Lipid Post Insertion into Drug Delivery Liposomes Quantified at the Single Liposome Level. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801807.	3.7	17
32	A Quantitative Fluorescence Microscopy-based Single Liposome Assay for Detecting the Compositional Inhomogeneity Between Individual Liposomes. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	1
33	Topical delivery of vismodegib using ablative fractional laser and microemulsion formulation <i>in vitro</i> . <i>Lasers in Surgery and Medicine</i> , 2019, 51, 79-87.	2.1	25
34	Micromotors for drug delivery <i>in vivo</i> : The road ahead. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 41-55.	13.7	99
35	What is the blood concentration of extracellular vesicles? Implications for the use of extracellular vesicles as blood-borne biomarkers of cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 109-116.	7.4	153
36	Modulating the antibody density changes the uptake and transport at the blood-brain barrier of both transferrin receptor-targeted gold nanoparticles and liposomal cargo. <i>Journal of Controlled Release</i> , 2019, 295, 237-249.	9.9	112

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37	Quantitative Methods for Investigating Dissociation of Fluorescently Labeled Lipids from Drug Delivery Liposomes. , 2019, , 333-359.		3
38	How To Characterize Individual Nanosize Liposomes with Simple Self-Calibrating Fluorescence Microscopy. Nano Letters, 2018, 18, 2844-2851.	9.1	9
39	Synthesis and Evaluation of Hydrogen Peroxide Sensitive Prodrugs of Methotrexate and Aminopterin for the Treatment of Rheumatoid Arthritis. Journal of Medicinal Chemistry, 2018, 61, 3503-3515.	6.4	51
40	Injectable iodine-125 labeled tissue marker for radioactive localization of non-palpable breast lesions. Acta Biomaterialia, 2018, 65, 197-202.	8.3	9
41	Liposome accumulation in irradiated tumors display important tumor and dose dependent differences. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 27-34.	3.3	11
42	Liposome-encapsulated chemotherapy: Current evidence for its use in companion animals. Veterinary and Comparative Oncology, 2018, 16, E1-E15.	1.8	13
43	On the use of liposome controls in studies investigating the clinical potential of extracellular vesicle-based drug delivery systems – A commentary. Journal of Controlled Release, 2018, 269, 10-14.	9.9	66
44	Remote-loading of liposomes with manganese-52 and in vivo evaluation of the stabilities of ⁵² Mn-DOTA and ⁶⁴ Cu-DOTA using radiolabelled liposomes and PET imaging. Journal of Controlled Release, 2018, 269, 100-109.	9.9	43
45	Folate receptor targeting of radiolabeled liposomes reduces intratumoral liposome accumulation in human KB carcinoma xenografts. International Journal of Nanomedicine, 2018, Volume 13, 7647-7656.	6.7	15
46	Remote loading of liposomes with a ¹²⁴ I-radioiodinated compound and their <i>in vivo</i> evaluation by PET/CT in a murine tumor model. Theranostics, 2018, 8, 5828-5841.	10.0	24
47	Dissociation of fluorescently labeled lipids from liposomes in biological environments challenges the interpretation of uptake studies. Nanoscale, 2018, 10, 22720-22724.	5.6	60
48	Theranostic Imaging May Vaccinate against the Therapeutic Benefit of Long Circulating PEGylated Liposomes and Change Cargo Pharmacokinetics. ACS Nano, 2018, 12, 11386-11398.	14.6	45
49	Blending Electronics with the Human Body: A Pathway toward a Cybernetic Future. Advanced Science, 2018, 5, 1700931.	11.2	83
50	Combinatorial Screening of Nanoclay-Reinforced Hydrogels: A Glimpse of the “Holy Grail” in Orthopedic Stem Cell Therapy?. ACS Applied Materials & Interfaces, 2018, 10, 34924-34941.	8.0	54
51	Antibody affinity and valency impact brain uptake of transferrin receptor-targeted gold nanoparticles. Theranostics, 2018, 8, 3416-3436.	10.0	101
52	Methotrexate prodrugs sensitive to reactive oxygen species for the improved treatment of rheumatoid arthritis. European Journal of Medicinal Chemistry, 2018, 156, 738-746.	5.5	22
53	A multi-chamber microfluidic intestinal barrier model using Caco-2 cells for drug transport studies. PLoS ONE, 2018, 13, e0197101.	2.5	90
54	Feasibility of a novel liquid fiducial marker for use in image guided radiotherapy of oesophageal cancer. British Journal of Radiology, 2018, 91, 20180236.	2.2	12

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55	Multifarious Biologic Loaded Liposomes that Stimulate the Mammalian Target of Rapamycin Signaling Pathway Show Retina Neuroprotection after Retina Damage. <i>ACS Nano</i> , 2018, 12, 7497-7508.	14.6	21
56	Endothelial Protein C-Targeting Liposomes Show Enhanced Uptake and Improved Therapeutic Efficacy in Human Retinal Endothelial Cells. , 2018, 59, 2119.		11
57	Long term safety and visibility of a novel liquid fiducial marker for use in image guided radiotherapy of non-small cell lung cancer. <i>Clinical and Translational Radiation Oncology</i> , 2018, 13, 24-28.	1.7	13
58	Combined colorimetric and gravimetric CMUT sensor for detection of benzyl methyl ketone. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 483-489.	7.8	17
59	Recent advances in compartmentalized synthetic architectures as drug carriers, cell mimics and artificial organelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 199-213.	5.0	73
60	Liquid fiducial marker applicability in proton therapy of locally advanced lung cancer. <i>Radiotherapy and Oncology</i> , 2017, 122, 393-399.	0.6	22
61	Multicompartment Artificial Organelles Conducting Enzymatic Cascade Reactions inside Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15907-15921.	8.0	65
62	The diffusion dynamics of PEGylated liposomes in the intact vitreous of the ex vivo porcine eye: A fluorescence correlation spectroscopy and biodistribution study. <i>International Journal of Pharmaceutics</i> , 2017, 522, 90-97.	5.2	38
63	Delivery of TLR7 agonist to monocytes and dendritic cells by DCIR targeted liposomes induces robust production of anti-cancer cytokines. <i>Acta Biomaterialia</i> , 2017, 53, 367-377.	8.3	34
64	PET imaging with copper-64 as a tool for real-time <i>in vivo</i> investigations of the necessity for cross-linking of polymeric micelles in nanomedicine. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017, 60, 366-374.	1.0	8
65	Transfection of primary brain capillary endothelial cells for protein synthesis and secretion of recombinant erythropoietin: a strategy to enable protein delivery to the brain. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2467-2485.	5.4	12
66	Bidirectional apical-basal traffic of the cation-independent mannose-6-phosphate receptor in brain endothelial cells. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2598-2613.	4.3	23
67	An assessment of the importance of exposure routes to the uptake and internal localisation of fluorescent nanoparticles in zebrafish (<i>Danio rerio</i>), using light sheet microscopy. <i>Nanotoxicology</i> , 2017, 11, 351-359.	3.0	52
68	Applying Fluorescence Correlation Spectroscopy to Investigate Peptide-Induced Membrane Disruption. <i>Methods in Molecular Biology</i> , 2017, 1548, 159-180.	0.9	1
69	Targeting transferrin receptors at the blood-brain barrier improves the uptake of immunoliposomes and subsequent cargo transport into the brain parenchyma. <i>Scientific Reports</i> , 2017, 7, 10396.	3.3	171
70	Revisiting the use of sPLA 2 -sensitive liposomes in cancer therapy. <i>Journal of Controlled Release</i> , 2017, 261, 163-173.	9.9	38
71	Combined colorimetric and gravimetric CMUT sensor for detection of phenylacetone. , 2017, , .		1
72	Enhanced efficacy of sublingual immunotherapy by liposome-mediated delivery of allergen. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 8377-8388.	6.7	21

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73	18F-FDG PET/CT-based early treatment response evaluation of nanoparticle-assisted photothermal cancer therapy. PLoS ONE, 2017, 12, e0177997.	2.5	22
74	Secretory phospholipase A 2 responsive liposomes exhibit a potent anti-neoplastic effect in vitro , but induce unforeseen severe toxicity in vivo. Journal of Controlled Release, 2017, 262, 212-221.	9.9	31
75	Mannose 6-Phosphate Receptor Is Reduced in -Synuclein Overexpressing Models of Parkinsons Disease. PLoS ONE, 2016, 11, e0160501.	2.5	19
76	Multiplexed Dosing Assays by Digitally Definable Hydrogel Volumes. Advanced Healthcare Materials, 2016, 5, 244-254.	7.6	3
77	3D Biomaterial Microarrays for Regenerative Medicine: Current State-of-the-Art, Emerging Directions and Future Trends. Advanced Materials, 2016, 28, 771-781.	21.0	80
78	Injectable silver nanosensors: in vivo dosimetry for external beam radiotherapy using positron emission tomography. Nanoscale, 2016, 8, 11002-11011.	5.6	6
79	Liquid fiducial marker performance during radiotherapy of locally advanced non small cell lung cancer. Radiotherapy and Oncology, 2016, 121, 64-69.	0.6	29
80	In vitro toxicity of cationic micelles and liposomes in cultured human hepatocyte (HepG2) and lung epithelial (A549) cell lines. Toxicology in Vitro, 2016, 36, 164-171.	2.4	42
81	Binding of human serum albumin to PEGylated liposomes: insights into binding numbers and dynamics by fluorescence correlation spectroscopy. Nanoscale, 2016, 8, 19726-19736.	5.6	32
82	Mouse Positron Emission Tomography Study of the Biodistribution of Gold Nanoparticles with Different Surface Coatings Using Embedded Copper-64. ACS Nano, 2016, 10, 9887-9898.	14.6	48
83	Affinity Induced Surface Functionalization of Liposomes Using Cu-Free Click Chemistry. Bioconjugate Chemistry, 2016, 27, 1673-1680.	3.6	12
84	Nanomechanical IR spectroscopy for fast analysis of liquid-dispersed engineered nanomaterials. Sensors and Actuators B: Chemical, 2016, 233, 667-673.	7.8	21
85	Polymeric pH nanosensor with extended measurement range bearing octaarginine as cell penetrating peptide. IET Nanobiotechnology, 2016, 10, 8-12.	3.8	2
86	In vivo evaluation of PEGylated 64Cu-liposomes with theranostic and radiotherapeutic potential using micro PET/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 941-952.	6.4	36
87	Elucidating the role of free polycations in gene knockdown by siRNA polyplexes. Acta Biomaterialia, 2016, 35, 248-259.	8.3	28
88	Facile Large-Scale Synthesis of 5â€ and 6â€ Carboxyfluoresceins: Application for the Preparation of New Fluorescent Dyes. European Journal of Organic Chemistry, 2015, 2015, 7301-7309.	2.4	10
89	Synthesis of Cross-Linked Polymeric Micelle pH Nanosensors: An Investigation of Design Flexibility. Macromolecular Rapid Communications, 2015, 36, 1598-1604.	3.9	2
90	Investigation of enzyme-sensitive lipid nanoarticles for delivery of siRNA to blood–brain barrier and glioma cells. International Journal of Nanomedicine, 2015, 10, 5995.	6.7	49

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91	Adsorption of Cationic Peptides to Solid Surfaces of Glass and Plastic. PLoS ONE, 2015, 10, e0122419.	2.5	60
92	Positron Emission Tomography Based Elucidation of the Enhanced Permeability and Retention Effect in Dogs with Cancer Using Copper-64 Liposomes. ACS Nano, 2015, 9, 6985-6995.	14.6	220
93	Single-Vesicle Detection and Analysis of Peptide-Induced Membrane Permeabilization. Langmuir, 2015, 31, 2472-2483.	3.5	10
94	Impedimetric Toxicity Assay in Microfluidics Using Free and Liposome-Encapsulated Anticancer Drugs. Analytical Chemistry, 2015, 87, 2204-2212.	6.5	32
95	Monocyte targeting and activation by cationic liposomes formulated with a TLR7 agonist. Expert Opinion on Drug Delivery, 2015, 12, 1045-1058.	5.0	11
96	Injectable Colloidal Gold for Use in Intrafractional 2D Image-Guided Radiation Therapy. Advanced Healthcare Materials, 2015, 4, 856-863.	7.6	29
97	Facing the Design Challenges of Particle-Based Nanosensors for Metabolite Quantification in Living Cells. Chemical Reviews, 2015, 115, 8344-8378.	47.7	23
98	Interdependence of initial cell density, drug concentration and exposure time revealed by real-time impedance spectroscopic cytotoxicity assay. Analyst, The, 2015, 140, 3623-3629.	3.5	24
99	Acylation of salmon calcitonin modulates in vitro intestinal peptide flux through membrane permeability enhancement. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 96, 329-337.	4.3	20
100	Remote Loading of $^{64}\text{Cu}^{2+}$ into Liposomes without the Use of Ion Transport Enhancers. ACS Applied Materials & Interfaces, 2015, 7, 22796-22806.	8.0	35
101	Quantification and comparison of visibility and image artifacts of a new liquid fiducial marker in a lung phantom for image-guided radiation therapy. Medical Physics, 2015, 42, 2818-2826.	3.0	28
102	A hydrogel based nanosensor with an unprecedented broad sensitivity range for pH measurements in cellular compartments. Analyst, The, 2015, 140, 7246-7253.	3.5	18
103	In vivo toxicity of cationic micelles and liposomes. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 467-477.	3.3	271
104	Differential toxicological response to positively and negatively charged nanoparticles in the rat brain. Nanotoxicology, 2014, 8, 1-33.	3.0	38
105	Effective Nanoparticle-based Gene Delivery by a Protease Triggered Charge Switch. Advanced Healthcare Materials, 2014, 3, 1107-1118.	7.6	20
106	Injectable Colloidal Gold in a Sucrose Acetate Isobutyrate Gelating Matrix with Potential Use in Radiation Therapy. Advanced Healthcare Materials, 2014, 3, 1680-1687.	7.6	25
107	Side Chain Hydrophobicity Modulates Therapeutic Activity and Membrane Selectivity of Antimicrobial Peptide Mastoparan-X. PLoS ONE, 2014, 9, e91007.	2.5	50
108	Biodistribution of rhodamine B fluorescence-labeled cationic nanoparticles in rats. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	14

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109	Design, calibration and application of broad-range optical nanosensors for determining intracellular pH. <i>Nature Protocols</i> , 2014, 9, 2841-2858.	12.0	39
110	Cross-linked self-assembled micelle based nanosensor for intracellular pH measurements. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6652-6659.	5.8	10
111	Propargylamine- α -isothiocyanate reaction: efficient conjugation chemistry in aqueous media. <i>Chemical Communications</i> , 2014, 50, 7800-7802.	4.1	14
112	Positron Emission Tomography Based Analysis of Long-Circulating Cross-Linked Triblock Polymeric Micelles in a U87MG Mouse Xenograft Model and Comparison of DOTA and CB-TE2A as Chelators of Copper-64. <i>Biomacromolecules</i> , 2014, 15, 1625-1633.	5.4	32
113	Quantification of leakage from large unilamellar lipid vesicles by fluorescence correlation spectroscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 2994-3002.	2.6	26
114	Acylation of Glucagon-Like Peptide-2: Interaction with Lipid Membranes and In Vitro Intestinal Permeability. <i>PLoS ONE</i> , 2014, 9, e109939.	2.5	35
115	Synthesis and Characterization of a Micelle-Based pH Nanosensor with an Unprecedented Broad Measurement Range. <i>Chemistry of Materials</i> , 2013, 25, 1496-1501.	6.7	24
116	Single-Walled Carbon Nanotube Surface Control of Complement Recognition and Activation. <i>ACS Nano</i> , 2013, 7, 1108-1119.	14.6	110
117	Complement activation by PEG-functionalized multi-walled carbon nanotubes is independent of PEG molecular mass and surface density. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 469-473.	3.3	38
118	The Possible α -Proton Sponge Effect of Polyethylenimine (PEI) Does Not Include Change in Lysosomal pH. <i>Molecular Therapy</i> , 2013, 21, 149-157.	8.2	593
119	Quantitative Label-Free Cell Proliferation Tracking with a Versatile Electrochemical Impedance Detection Platform. <i>Journal of Physics: Conference Series</i> , 2012, 407, 012029.	0.4	7
120	Synthesis and Stability Studies of α,ω -Difluoro Ester Phospholipids. <i>European Journal of Organic Chemistry</i> , 2012, 2012, n/a-n/a.	2.4	3
121	Quantitative Evaluation of Bioorthogonal Chemistries for Surface Functionalization of Nanoparticles. <i>Bioconjugate Chemistry</i> , 2012, 23, 2444-2450.	3.6	31
122	Particulate Systems for Targeting of Macrophages: Basic and Therapeutic Concepts. <i>Journal of Innate Immunity</i> , 2012, 4, 509-528.	3.8	66
123	Design, Synthesis, Structural and Functional Characterization of Novel Melanocortin Agonists Based on the Cyclotide Kalata B1. <i>Journal of Biological Chemistry</i> , 2012, 287, 40493-40501.	3.4	88
124	A GALA lipopeptide mediates pH- and membrane charge dependent fusion with stable giant unilamellar vesicles. <i>Soft Matter</i> , 2012, 8, 5933.	2.7	11
125	Synthesis and characterization of ratiometric nanosensors for pH quantification: a mixed micelle approach. <i>Chemical Communications</i> , 2012, 48, 4776.	4.1	20
126	PET imaging of liposomes labeled with an [¹⁸ F]-fluorocholesteryl ether probe prepared by automated radiosynthesis. <i>Journal of Liposome Research</i> , 2012, 22, 295-305.	3.3	13

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127	Micropatterning of Functional Conductive Polymers with Multiple Surface Chemistries in Register. <i>Langmuir</i> , 2012, 28, 6502-6511.	3.5	31
128	Hyaluronic Acid Immobilized Polyacrylamide Nanoparticle Sensors for CD44 Receptor Targeting and pH Measurement in Cells. <i>Bioconjugate Chemistry</i> , 2012, 23, 2247-2255.	3.6	31
129	Synthesis of tocopheryl succinate phospholipid conjugates and monitoring of phospholipase A2 activity. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3972-3978.	3.0	6
130	Liposome imaging agents in personalized medicine. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 1417-1435.	13.7	146
131	Handling a tricycle: Orthogonal versus random oxidation of the tricyclic inhibitor cystine knotted peptide gurmarin. <i>Peptides</i> , 2012, 37, 144-149.	2.4	13
132	Factors Controlling Nanoparticle Pharmacokinetics: An Integrated Analysis and Perspective. <i>Annual Review of Pharmacology and Toxicology</i> , 2012, 52, 481-503.	9.4	477
133	Positron emission tomography evaluation of somatostatin receptor targeted ⁶⁴ Cu-TATE-liposomes in a human neuroendocrine carcinoma mouse model. <i>Journal of Controlled Release</i> , 2012, 160, 254-263.	9.9	65
134	Expanding the dynamic measurement range for polymeric nanoparticle pH sensors. <i>Chemical Communications</i> , 2011, 47, 5268.	4.1	64
135	Solvent Composition Directing Click-Functionalization at the Surface or in the Bulk of Azide-Modified PEDOT. <i>Macromolecules</i> , 2011, 44, 495-501.	4.8	18
136	Selective Acylation Enhances Membrane Charge Sensitivity of the Antimicrobial Peptide Mastoparan-X. <i>Biophysical Journal</i> , 2011, 100, 399-409.	0.5	29
137	Thermodynamic Profiling of Peptide Membrane Interactions by Isothermal Titration Calorimetry: A Search for Pores and Micelles. <i>Biophysical Journal</i> , 2011, 101, 100-109.	0.5	37
138	Membrane fusion of pH-sensitive liposomes – a quantitative study using giant unilamellar vesicles. <i>Soft Matter</i> , 2011, 7, 9027.	2.7	27
139	Secretory Phospholipase A ₂ Activity toward Diverse Substrates. <i>Journal of Physical Chemistry B</i> , 2011, 115, 6853-6861.	2.6	9
140	Evaluating Nanoparticle Sensor Design for Intracellular pH Measurements. <i>ACS Nano</i> , 2011, 5, 5864-5873.	14.6	161
141	A simple protocol for preparation of a liposomal vesicle with encapsulated plasmid DNA that mediate high accumulation and reporter gene activity in tumor tissue. <i>Results in Pharma Sciences</i> , 2011, 1, 49-56.	4.2	12
142	Revisit complexation between DNA and polyethylenimine – Effect of length of free polycationic chains on gene transfection. <i>Journal of Controlled Release</i> , 2011, 152, 143-151.	9.9	132
143	Elucidating the interplay between DNA-condensing and free polycations in gene transfection through a mechanistic study of linear and branched PEI. <i>Biomaterials</i> , 2011, 32, 8626-8634.	11.4	103
144	Material properties in complement activation. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 1000-1007.	13.7	230

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145	Catalyst-Free Conjugation and In Situ Quantification of Nanoparticle Ligand Surface Density Using Fluorogenic Cu-Free Click Chemistry. <i>Chemistry - A European Journal</i> , 2011, 17, 3326-3331.	3.3	9
146	Thermodynamic and biological evaluation of a thrombin binding aptamer modified with several unlocked nucleic acid (UNA) monomers and a 2 ² -C-piperazino-UNA monomer. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4739-4745.	3.0	43
147	64Cu loaded liposomes as positron emission tomography imaging agents. <i>Biomaterials</i> , 2011, 32, 2334-2341.	11.4	123
148	Complement activation cascade triggered by PEG-PL engineered nanomedicines and carbon nanotubes: The challenges ahead. <i>Journal of Controlled Release</i> , 2010, 146, 175-181.	9.9	157
149	Isomerization of all-trans-retinoic Acid Mediated by Carbodiimide Activation - Synthesis of ATRA Ether Lipid Conjugates. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 719-724.	2.4	12
150	Prostaglandin phospholipid conjugates with unusual biophysical and cytotoxic properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4456-4458.	2.2	17
151	Liposomal cancer therapy: exploiting tumor characteristics. <i>Expert Opinion on Drug Delivery</i> , 2010, 7, 225-243.	5.0	102
152	Liposomal Formulation of Retinoids Designed for Enzyme Triggered Release. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 3782-3792.	6.4	77
153	Polycation cytotoxicity: a delicate matter for nucleic acid therapy - focus on polyethylenimine. <i>Soft Matter</i> , 2010, 6, 4001.	2.7	193
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