

Daniel Scherman

List of Publications by Year in descending order

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395
papers

26,242
citations

9264

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408
docs citations

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times ranked

22467
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistent luminescence nanoparticles functionalized by polymers bearing phosphonic acid anchors: synthesis, characterization, and <i>in vivo</i> behaviour. <i>Nanoscale</i> , 2022, 14, 1386-1394.	5.6	11
2	Electroporation-Based Genetic Modification of Primary Human Pigment Epithelial Cells using the Sleeping Beauty Transposon System. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	2
3	PLGA Based Nanospheres as a Potent Macrophage-Specific Drug Delivery System. <i>Nanomaterials</i> , 2021, 11, 749.	4.1	27
4	Viscous Core Liposomes Increase siRNA Encapsulation and Provides Gene Inhibition When Slightly Positively Charged. <i>Pharmaceutics</i> , 2021, 13, 479.	4.5	8
5	Cationic lipid nanoparticle production by microfluidization for siRNA delivery. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120772.	5.2	7
6	Degradation of ZnGa ₂ O ₄ :Cr ³⁺ luminescent nanoparticles in lysosomal-like medium. <i>Nanoscale</i> , 2020, 12, 1967-1974.	5.6	23
7	Coating Persistent Luminescence Nanoparticles With Hydrophilic Polymers for <i>in vivo</i> Imaging. <i>Frontiers in Chemistry</i> , 2020, 8, 584114.	3.6	2
8	Drug repositioning for rare diseases: Knowledge-based success stories. <i>Therapie</i> , 2020, 75, 161-167.	1.0	41
9	Drug repurposing in rare diseases: Myths and reality. <i>Therapie</i> , 2020, 75, 157-160.	1.0	36
10	Polymer Nanomedicines with Ph-Sensitive Release of Dexamethasone for the Localized Treatment of Inflammation. <i>Pharmaceutics</i> , 2020, 12, 700.	4.5	6
11	Reduced Heterochromatin Formation on the pFAR4 Miniplasmid Allows Sustained Transgene Expression in the Mouse Liver. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 21, 28-36.	5.1	5
12	Kinetic and structural characterization of therapeutic albumin chemical functionalization using complementary mass spectrometry techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 185, 113242.	2.8	4
13	Neurotrophin gene augmentation by electrotransfer to improve cochlear implant hearing outcomes. <i>Hearing Research</i> , 2019, 380, 137-149.	2.0	20
14	Hemocompatibility investigation and improvement of near-infrared persistent luminescent nanoparticle ZnGa ₂ O ₄ :Cr ³⁺ by surface PEGylation. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3796-3803.	5.8	51
15	Small-scale GMP production of plasmid DNA using a simplified and fully disposable production method. <i>Journal of Biotechnology</i> , 2019, 306, 100007.	3.8	12
16	Efficient episomal gene transfer to human hepatic cells using the pFAR4-S/MAR vector. <i>Molecular Biology Reports</i> , 2019, 46, 3203-3211.	2.3	8
17	Europium labeled lactosylated albumin as a model workflow for the development of biotherapeutics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 18, 21-30.	3.3	2
18	Microbubbles for Nucleic Acid Delivery in Liver Using Mild Sonoporation. <i>Methods in Molecular Biology</i> , 2019, 1943, 377-387.	0.9	7

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19	Preclinical Evaluation of a Cell-Based Gene Therapy Using the Sleeping Beauty Transposon System in Choroidal Neovascularization. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 15, 403-417.	4.1	13
20	Imaging and therapeutic applications of persistent luminescence nanomaterials. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 193-210.	13.7	220
21	GENOME ENGINEERING AND GENOME EDITING USING CRISPR/CAS9â€“RNA-GUIDED NUCLEASE. , 2019, , 115-130.		0
22	GENETIC THERAPY OF MUSCLE DISEASES: DUCHENNE MUSCULAR DYSTROPHY. , 2019, , 503-526.		0
23	BASIC DEFINITIONS AND GENERAL PRINCIPLES. , 2019, , 7-15.		0
24	ADOPTIVE IMMUNOTHERAPY AND CAR-T CELLS: A REVOLUTIONARY CELL/GENE THERAPY TO TREAT CANCER. , 2019, , 377-390.		0
25	ELECTROTRANSFER/ELECTROPORATION FOR NON-VIRAL NUCLEIC ACID DELIVERY. , 2019, , 281-301.		0
26	The Antibiotic-free pFAR4 Vector Paired with the Sleeping Beauty Transposon System Mediates Efficient Transgene Delivery in Human Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 11, 57-67.	5.1	11
27	Improved molecular platform for the gene therapy of rare diseases by liver protein secretion. <i>European Journal of Medical Genetics</i> , 2018, 61, 723-728.	1.3	9
28	Nanohybrids with Magnetic and Persistent Luminescence Properties for Cell Labeling, Tracking, In Vivo Realâ€“Time Imaging, and Magnetic Vectorization. <i>Small</i> , 2018, 14, e1800020.	10.0	38
29	Assessment of the targeting specificity of a fluorescent albumin conceived as a preclinical agent of the liver function. <i>Nanoscale</i> , 2018, 10, 21151-21160.	5.6	7
30	Genetic pharmacology: progresses in siRNA delivery and therapeutic applications. <i>Gene Therapy</i> , 2017, 24, 151-156.	4.5	45
31	Engineering of PEDF-Expressing Primary Pigment Epithelial Cells by the SB Transposon System Delivered by pFAR4 Plasmids. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 6, 302-314.	5.1	24
32	The absorption enhancer sodium deoxycholate promotes high gene transfer in skeletal muscles. <i>International Journal of Pharmaceutics</i> , 2017, 523, 291-299.	5.2	3
33	Toll-like receptor 2 promiscuity is responsible for the immunostimulatory activity of nucleic acid nanocarriers. <i>Journal of Controlled Release</i> , 2017, 247, 182-193.	9.9	13
34	Cyanine derivative as a suitable marker for thermosensitive in situ gelling delivery systems: In vitro and in vivo validation of a sustained buccal drug delivery. <i>International Journal of Pharmaceutics</i> , 2017, 534, 128-135.	5.2	31
35	Long-Term PEDF Release in Rat Iris and Retinal Epithelial Cells after Sleeping Beauty Transposon-Mediated Gene Delivery. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 9, 1-11.	5.1	14
36	Cationic microbubbles and antibiotic-free miniplasmid for sustained ultrasoundâ€“mediated transgene expression in liver. <i>Journal of Controlled Release</i> , 2017, 262, 170-181.	9.9	35

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37	Assessment of dually labelled PEGylated liposomes transplacental passage and placental penetration using a combination of two ex-vivo human models: the dually perfused placenta and the suspended villous explants. <i>International Journal of Pharmaceutics</i> , 2017, 532, 729-737.	5.2	23
38	Persistent luminescence induced by near infra-red photostimulation in chromium-doped zinc gallate for in vivo optical imaging. <i>Optical Materials</i> , 2017, 63, 51-58.	3.6	41
39	Anionic pH-Sensitive Lipoplexes. <i>Methods in Molecular Biology</i> , 2017, 1522, 227-236.	0.9	1
40	Liposome Biodistribution via Europium Complexes. <i>Methods in Molecular Biology</i> , 2017, 1522, 145-154.	0.9	1
41	Chemically engineered persistent luminescence nanoprobes for bioimaging. <i>Theranostics</i> , 2016, 6, 2488-2523.	10.0	165
42	Synthesis and cytotoxicity evaluation of aryl triazolic derivatives and their hydroxymethine homologues against B16 melanoma cell line. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 436-441.	5.5	16
43	Characterization of Positively Charged Lipid Shell Microbubbles with Tunable Resistive Pulse Sensing (TRPS) Method: A Technical Note. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 624-630.	1.5	10
44	Physico-chemical characterizations of Cr doped persistent luminescence nanoparticles. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
45	Inhibition of the myostatin/Smad signaling pathway by short decorin-derived peptides. <i>Experimental Cell Research</i> , 2016, 341, 187-195.	2.6	26
46	Long term in vivo imaging with Cr ³⁺ doped spinel nanoparticles exhibiting persistent luminescence. <i>Journal of Luminescence</i> , 2016, 170, 879-887.	3.1	120
47	Metabolism of Flavone-8-acetic Acid in Mice. <i>Anticancer Research</i> , 2016, 36, 3889-98.	1.1	1
48	Inhibition of replication of hepatitis B virus in transgenic mice following administration of hepatotropic lipoplexes containing guanidinopropyl-modified siRNAs. <i>Journal of Controlled Release</i> , 2015, 209, 198-206.	9.9	22
49	Design, Properties, and In Vivo Behavior of Superparamagnetic Persistent Luminescence Nanohybrids. <i>Small</i> , 2015, 11, 2696-2704.	10.0	49
50	Enhancement of siRNA lipid-based vector stability and siRNA integrity in human serum with addition of anionic polymer adjuvant. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 26, 1-9.	3.0	10
51	Gadolinium Doped Persistent Nanophosphors as Versatile Tool for Multimodal In Vivo Imaging. <i>Advanced Functional Materials</i> , 2015, 25, 331-338.	14.9	98
52	SMAD3 and SP1/SP3 Transcription Factors Collaborate to Regulate Connective Tissue Growth Factor Gene Expression in Myoblasts in Response to Transforming Growth Factor β^2 . <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1880-1887.	2.6	22
53	Preparation and Evaluation of Multiple Nanoemulsions Containing Gadolinium (III) Chelate as a Potential Magnetic Resonance Imaging (MRI) Contrast Agent. <i>Pharmaceutical Research</i> , 2015, 32, 2983-2994.	3.5	13
54	Persistent luminescence in nanophosphors for long term in-vivo bio-imaging. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1

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55	Controlling aminosilane layer thickness to extend the plasma half-life of stealth persistent luminescence nanoparticles in vivo. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4009-4016.	5.8	27
56	Poloxamer bioadhesive hydrogel for buccal drug delivery: Cytotoxicity and trans-epithelial permeability evaluations using TR146 human buccal epithelial cell line. <i>International Journal of Pharmaceutics</i> , 2015, 495, 1028-1037.	5.2	26
57	Persistent Luminescence Cr ³⁺ Doped Spinel and Use as Biomarker for <i>In Vivo</i> Imaging. <i>Advances in Science and Technology</i> , 2014, 90, 157-165.	0.2	1
58	Optical properties and storage capabilities in AB ₂ O ₄ :Cr ³⁺ (A=Zn, Mg, B=Ga, Al) spinels. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1000-1008.	0.8	3
59	Persistent luminescence in ZnGa ₂ O ₄ :Cr: an outstanding biomarker for <i>in-vivo</i> imaging. <i>Proceedings of SPIE</i> , 2014, , .	0.8	2
60	Storage of Visible Light for Long-Lasting Phosphorescence in Chromium-Doped Zinc Gallate. <i>Chemistry of Materials</i> , 2014, 26, 1365-1373.	6.7	324
61	The in vivo activation of persistent nanophosphors for optical imaging of vascularization, tumours and grafted cells. <i>Nature Materials</i> , 2014, 13, 418-426.	27.5	855
62	Cationic lipid nanocarriers activate Toll-like receptor 2 and NLRP3 inflammasome pathways. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 775-782.	3.3	79
63	Lipidic spherulites as magnetic resonance imaging contrast agents. <i>New Journal of Chemistry</i> , 2014, 38, 5190-5197.	2.8	6
64	Mesoporous persistent nanophosphors for in vivo optical bioimaging and drug-delivery. <i>Nanoscale</i> , 2014, 6, 13970-13976.	5.6	76
65	NF- κ B related transgene expression in mouse tibial cranial muscle after pDNA injection followed or not by electrotransfer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 3257-3263.	2.4	2
66	High and prolonged sulfamidase secretion by the liver of MPS-IIIa mice following hydrodynamic tail vein delivery of antibiotic-free pFAR4 plasmid vector. <i>Gene Therapy</i> , 2014, 21, 1001-1007.	4.5	19
67	Persistent luminescence of AB ₂ O ₄ :Cr ³⁺ (A=Zn, Mg, B=Ga, Al) spinels: New biomarkers for in vivo imaging. <i>Optical Materials</i> , 2014, 36, 1901-1906.	3.6	93
68	2: BASIC DEFINITIONS AND GENERAL PRINCIPLES. <i>ICP Textbooks in Biomolecular Sciences</i> , 2014, , 7-15.	0.1	0
69	Electrochemical DNA-biosensors: Two-electrode setup well adapted for miniaturized devices. <i>Sensors and Actuators B: Chemical</i> , 2013, 182, 510-513.	7.8	15
70	Xyloglucan-Derivatized Films for the Culture of Adherent Cells and Their Thermocontrolled Detachment: A Promising Alternative to Cells Sensitive to Protease Treatment. <i>Biomacromolecules</i> , 2013, 14, 512-519.	5.4	14
71	In vivo imaging with persistent luminescence silicate-based nanoparticles. <i>Optical Materials</i> , 2013, 35, 1852-1858.	3.6	49
72	Synthesis and <i>In Vitro</i> evaluation of potential anticancer activity of mono- and bis-1,2,3-triazole derivatives of bis-alkynes. <i>European Journal of Medicinal Chemistry</i> , 2013, 60, 360-364.	5.5	69

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73	Prevention of rt-PA induced blood-brain barrier component degradation by the poly(ADP-ribose)polymerase inhibitor PJ34 after ischemic stroke in mice. <i>Experimental Neurology</i> , 2013, 248, 416-428.	4.1	26
74	Infectivity enhancement of different HIV-1-based lentiviral pseudotypes in presence of the cationic amphipathic peptide LAH4-L1. <i>Journal of Virological Methods</i> , 2013, 189, 375-378.	2.1	21
75	Liposomal encapsulation of the natural flavonoid fisetin improves bioavailability and antitumor efficacy. <i>International Journal of Pharmaceutics</i> , 2013, 444, 146-154.	5.2	106
76	Reduced in vitro and in vivo toxicity of siRNA-lipoplexes with addition of polyglutamate. <i>Journal of Controlled Release</i> , 2013, 165, 1-8.	9.9	31
77	Nicotinamide phosphoribosyltransferase/visfatin expression by inflammatory monocytes mediates arthritis pathogenesis. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1717-1724.	0.9	38
78	Control of the point defects in oxide materials to enhance functionalities in imaging. <i>Proceedings of SPIE</i> , 2013, , .	0.8	2
79	DNA electroporation in rabbits as a method for generation of high-titer neutralizing antisera. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2147-2156.	3.3	4
80	Evaluation of Nonradiative Clinical Imaging Techniques for the Longitudinal Assessment of Tumour Growth in Murine CT26 Colon Carcinoma. <i>International Journal of Molecular Imaging</i> , 2013, 2013, 1-13.	1.3	19
81	Formulation and cytotoxicity evaluation of new self-emulsifying multiple W/O/W nanoemulsions. <i>International Journal of Nanomedicine</i> , 2013, 8, 611.	6.7	29
82	In vivo optical imaging with rare earth doped Ca ₂ Si ₅ N ₈ persistent luminescence nanoparticles. <i>Optical Materials Express</i> , 2012, 2, 261.	3.0	126
83	AON-mediated Exon Skipping Restores Ciliation in Fibroblasts Harboring the Common Leber Congenital Amaurosis CEP290 Mutation. <i>Molecular Therapy - Nucleic Acids</i> , 2012, 1, e29.	5.1	94
84	Persistent Luminescence Nanoparticles for Bioimaging. <i>Advances in Intelligent and Soft Computing</i> , 2012, , 37-53.	0.2	4
85	Trap depth optimization to improve optical properties of diopside-based nanophosphors for medical imaging. <i>Proceedings of SPIE</i> , 2012, , .	0.8	11
86	Vascular density and endothelial cell expression of integrin alpha v beta 3 and E-selectin in murine tumours. <i>Tumor Biology</i> , 2012, 33, 1709-1717.	1.8	29
87	Colon Tumor Growth and Antivascular Treatment in Mice: Complementary Assessment with MR Elastography and Diffusion-weighted MR Imaging. <i>Radiology</i> , 2012, 264, 436-444.	7.3	55
88	In Vitro Targeting of Avidin-Expressing Glioma Cells with Biotinylated Persistent Luminescence Nanoparticles. <i>Bioconjugate Chemistry</i> , 2012, 23, 472-478.	3.6	76
89	Identification of Id1-DBL2X of VAR2CSA as a key domain inducing highly inhibitory and cross-reactive antibodies. <i>Vaccine</i> , 2012, 30, 1343-1348.	3.8	31
90	Control of pH responsive peptide self-association during endocytosis is required for effective gene transfer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 1332-1341.	2.6	21

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91	CHAPTER 23. Use of Isoflavones in Inherited Metabolic Diseases: A Focus on Mucopolysaccharidoses. Food and Nutritional Components in Focus, 2012, , 381-398.	0.1	0
92	Electroporation-mediated genetic vaccination for antigen mapping: Application to Plasmodium falciparum VAR2CSA protein. Bioelectrochemistry, 2012, 87, 132-137.	4.6	3
93	A novel thiazolidine compound induces caspase-9 dependent apoptosis in cancer cells. Bioorganic and Medicinal Chemistry, 2012, 20, 5094-5102.	3.0	36
94	InÂvitro and inÂvivo biological evaluation of new 4,5-disubstituted 1,2,3-triazoles as cis-constrained analogs of combretastatin A4. European Journal of Medicinal Chemistry, 2012, 54, 22-32.	5.5	36
95	Identification of decorin derived peptides with a zinc dependent anti-myostatin activity. Neuromuscular Disorders, 2012, 22, 1057-1068.	0.6	16
96	Persistent Luminescence Nanoparticles for Diagnostics and Imaging. ACS Symposium Series, 2012, , 1-25.	0.5	16
97	Investigating relationship between transfection and permeabilization by the electric field and/or the Pluronic® L64 <i>in vitro</i> and <i>in vivo</i>. Journal of Gene Medicine, 2012, 14, 204-215.	2.8	3
98	Functionalized single-walled carbon nanotubes containing traces of iron as new negative MRI contrast agents for <i>in vivo</i> imaging. Contrast Media and Molecular Imaging, 2012, 7, 153-159.	0.8	35
99	Development of a liposomal formulation of the natural flavonoid fisetin. International Journal of Pharmaceutics, 2012, 423, 69-76.	5.2	83
100	Synthesis and functionalization of persistent luminescence nanoparticles with small molecules and evaluation of their targeting ability. International Journal of Pharmaceutics, 2012, 423, 102-107.	5.2	39
101	Nanoemulsion formulation of fisetin improves bioavailability and antitumour activity in mice. International Journal of Pharmaceutics, 2012, 427, 452-459.	5.2	163
102	Smart DNA Vectors Based on Cyclodextrin Polymers: Compaction and Endosomal Release. Pharmaceutical Research, 2012, 29, 384-396.	3.5	6
103	Synthesis and biological evaluation of novel ferrocenyl curcuminoid derivatives. MedChemComm, 2011, 2, 190.	3.4	36
104	Controlling Electron Trap Depth To Enhance Optical Properties of Persistent Luminescence Nanoparticles for In Vivo Imaging. Journal of the American Chemical Society, 2011, 133, 11810-11815.	13.7	348
105	New Generation of Plasmid Backbones Devoid of Antibiotic Resistance Marker for Gene Therapy Trials. Molecular Therapy, 2011, 19, 1942-1949.	8.2	88
106	Protonation of Lipids Impacts the Supramolecular and Biological Properties of Their Self-Assembly. Langmuir, 2011, 27, 12336-12345.	3.5	8
107	Genetic Immunization with Plasmid DNA Mediated by Electrotransfer. Human Gene Therapy, 2011, 22, 789-798.	2.7	21
108	Effect of Core Diameter, Surface Coating, and PEG Chain Length on the Biodistribution of Persistent Luminescence Nanoparticles in Mice. ACS Nano, 2011, 5, 854-862.	14.6	250

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109	Neuroinflammatory and oxidative stress phenomena in MPS IIIA mouse model: The positive effect of long-term aspirin treatment. <i>Molecular Genetics and Metabolism</i> , 2011, 103, 18-25.	1.1	81
110	Lipothiouras as Lipids for Gene Transfection: A Review. <i>Pharmaceuticals</i> , 2011, 4, 1381-1399.	3.8	8
111	Pre-treatment of cells with pluronic L64 increases DNA transfection mediated by electrotransfer. <i>Journal of Controlled Release</i> , 2011, 149, 117-125.	9.9	13
112	Cell microcarriers and microcapsules of stimuli-responsive polymers. <i>Journal of Controlled Release</i> , 2011, 149, 209-224.	9.9	107
113	A comprehensive study in triblock copolymer membrane interaction. <i>Journal of Controlled Release</i> , 2011, 151, 57-64.	9.9	29
114	Anionic polymers for decreased toxicity and enhanced in vivo delivery of siRNA complexed with cationic liposomes. <i>Journal of Controlled Release</i> , 2011, 152, 393-401.	9.9	67
115	Fisetin disposition and metabolism in mice: Identification of geraldol as an active metabolite. <i>Biochemical Pharmacology</i> , 2011, 82, 1731-1739.	4.4	79
116	Altered HepG2 cell models using etomoxir versus tert-butylhydroperoxide. <i>Cell Biology and Toxicology</i> , 2011, 27, 363-370.	5.3	1
117	Improved antiangiogenic and antitumour activity of the combination of the natural flavonoid fisetin and cyclophosphamide in Lewis lung carcinoma-bearing mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2011, 68, 445-455.	2.3	87
118	Domino approach to 2-aryltrimethoxyindoles as novel heterocyclic combretastatin A4 analogues. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 95-100.	5.5	23
119	Synthesis of Poly(propylene glycol)- <i>b</i> -Polyethylenimine Triblock Copolymers for the Delivery of Nucleic Acids. <i>Macromolecular Bioscience</i> , 2011, 11, 652-661.	4.1	10
120	The Reverse Block Copolymer Pluronic 25R2 Promotes DNA Transfection of Skeletal Muscle. <i>Macromolecular Bioscience</i> , 2011, 11, 590-594.	4.1	12
121	Formulated siRNAs targeting <i>Rankl</i> prevent osteolysis and enhance chemotherapeutic response in osteosarcoma models. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 2452-2462.	2.8	34
122	X-ray Photolysis To Release Ligands from Caged Reagents by an Intramolecular Antenna Sensitive to Magnetic Resonance Imaging. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9708-9711.	13.8	20
123	Cytosolic phospholipase A2 gene silencing in the myeloid lineage alters development of Th1 responses and reduces disease severity in collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 681-690.	6.7	25
124	Identification and Induction of Cytochrome P450s Involved in the Metabolism of Flavone-8-Acetic Acid in Mice. <i>Drug Metabolism Letters</i> , 2011, 5, 73-84.	0.8	2
125	The NTS-DBL2X Region of VAR2CSA Induces Cross-Reactive Antibodies That Inhibit Adhesion of Several <i>Plasmodium falciparum</i> Isolates to Chondroitin Sulfate A. <i>Journal of Infectious Diseases</i> , 2011, 204, 1125-1133.	4.0	58
126	Production of Non Viral DNA Vectors. <i>Current Gene Therapy</i> , 2010, 10, 487-507.	2.0	31

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127	Relevance of an Academic GMP Pan-European Vector Infra-Structure (PEVI). <i>Current Gene Therapy</i> , 2010, 10, 414-422.	2.0	4
128	In vivo RNAi-mediated silencing of TAK1 decreases inflammatory Th1 and Th17 cells through targeting of myeloid cells. <i>Blood</i> , 2010, 116, 3505-3516.	1.4	57
129	Synthesis and Application of Lactosylated, ^{99m} Tc Chelating Albumin for Measurement of Liver Function. <i>Bioconjugate Chemistry</i> , 2010, 21, 589-596.	3.6	24
130	Lipopolythiourea/DNA interaction: A biophysical study. <i>Biophysical Chemistry</i> , 2010, 148, 68-73.	2.8	18
131	Storage correction in cells of patients suffering from mucopolysaccharidoses types IIIA and VII after treatment with genistein and other isoflavones. <i>Journal of Inherited Metabolic Disease</i> , 2010, 33, 61-67.	3.6	46
132	Design and Evaluation of Histidine-Rich Amphipathic Peptides for siRNA Delivery. <i>Pharmaceutical Research</i> , 2010, 27, 1426-1436.	3.5	87
133	Fasting Increases the <i>In Vivo</i> Gene Delivery of AAV Vectors. <i>Clinical and Translational Science</i> , 2010, 3, 333-336.	3.1	7
134	Incorporation of 2,3-Diaminopropionic Acid into Linear Cationic Amphipathic Peptides Produces pH-Sensitive Vectors. <i>ChemBioChem</i> , 2010, 11, 1266-1272.	2.6	36
135	Glucocorticoid-induced leucine zipper is an endogenous antiinflammatory mediator in arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 2651-2661.	6.7	80
136	Comparative gene transfer between cationic and thiourea lipoplexes. <i>Journal of Gene Medicine</i> , 2010, 12, 45-54.	2.8	24
137	pFARs, Plasmids free of antibiotic resistance markers, display high level transgene expression in muscle, skin and tumour cells. <i>Journal of Gene Medicine</i> , 2010, 12, 323-332.	2.8	69
138	Cationic and anionic lipoplexes inhibit gene transfection by electroporation <i>in vivo</i> . <i>Journal of Gene Medicine</i> , 2010, 12, 491-500.	2.8	11
139	Thermoresponsive surfaces for cell culture and enzyme-free cell detachment. <i>Progress in Polymer Science</i> , 2010, 35, 1311-1324.	24.7	109
140	The effect of sterilization methods on the thermo-gelation properties of xyloglucan hydrogels. <i>Polymer Degradation and Stability</i> , 2010, 95, 254-259.	5.8	16
141	Synthesis of fluorinated C-manno-peptides as sialyl Lewisx mimics for E- and P-selectin inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1957-1960.	2.2	19
142	Study on the sol-gel transition of xyloglucan hydrogels. <i>Carbohydrate Polymers</i> , 2010, 80, 555-562.	10.2	52
143	Nucleic acid transfer with hemifluorinated polycationic lipids. <i>Biomaterials</i> , 2010, 31, 4781-4788.	11.4	24
144	Structure-activity relationships of indole compounds derived from combretastatin A4: Synthesis and biological screening of 5-phenylpyrrolo[3,4-a]carbazole-1,3-diones as potential antivasular agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3726-3739.	5.5	23

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145	Soluble TNF- α receptor secretion from healthy or dystrophic mice after AAV6-mediated muscle gene transfer. <i>Gene Therapy</i> , 2010, 17, 1400-1410.	4.5	6
146	Advantages of bioluminescence imaging to follow siRNA or chemotherapeutic treatments in osteosarcoma preclinical models. <i>Cancer Gene Therapy</i> , 2010, 17, 387-397.	4.6	29
147	Investigation of DNA Condensing Properties of Amphiphilic Triblock Cationic Polymers by Atomic Force Microscopy. <i>Langmuir</i> , 2010, 26, 17552-17557.	3.5	5
148	Muscle transfection and permeabilization induced by electrotransfer or pluronic [®] L64 Paired study by optical imaging and MRI. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 537-543.	2.4	11
149	DNAJB2 Expression in Normal and Diseased Human and Mouse Skeletal Muscle. <i>American Journal of Pathology</i> , 2010, 176, 2901-2910.	3.8	18
150	Synthesis of cytotoxic ferrocenyl flavones via a ferricenium-mediated 1,6-oxidative cyclization. <i>Chemical Communications</i> , 2010, 46, 5145.	4.1	34
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