Colin W. Pouton

List of Publications by Year
in descending order

167	13,560	36303	22166
papers	citations	51 h-index	113 g-index

177	177	177	12493
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantifying the Endosomal Escape of pH-Responsive Nanoparticles Using the Split Luciferase Endosomal Escape Quantification Assay. ACS Applied Materials & Interfaces, 2022, 14, 3653-3661.	8.0	19
2	In vivo delivery of plasmid DNA by lipid nanoparticles: the influence of ionizable cationic lipids on organ-selective gene expression. Biomaterials Science, 2022, 10, 2940-2952.	5.4	35
3	Polymeric Nanotubes as Drug Delivery Vectorsâ”€Comparison of Covalently and Supramolecularly Assembled Constructs. Biomacromolecules, 2022, 23, 2315-2328.	5.4	5
4	Assessing the cellular toxicity of peptide inhibitors of intracellular protein-protein interactions by microinjection. Bioorganic and Medicinal Chemistry, 2021, 29, 115906.	3.0	4
5	Aqueous phase behavior of the PEO-containing non-ionic surfactant C12E6: A molecular dynamics simulation study. Journal of Colloid and Interface Science, 2021, 588, 257-268.	9.4	12
6	Interaction with biliary and pancreatic fluids drives supersaturation and drug absorption from lipid-based formulations of low (saquinavir) and high (fenofibrate) permeability poorly soluble drugs. Journal of Controlled Release, 2021, 331, 45-61.	9.9	6
7	Adenovirus Terminal Protein Contains a Bipartite Nuclear Localisation Signal Essential for Its Import into the Nucleus. International Journal of Molecular Sciences, 2021, 22, 3310.	4.1	4
8	Transcriptional signature in microglia associated with AÎ² plaque phagocytosis. Nature Communications, 2021, 12, 3015.	12.8	142
9	Lipophilic Salts and Lipid-Based Formulations: Enhancing the Oral Delivery of Octreotide. Pharmaceutical Research, 2021, 38, 1125-1137.	3.5	6
10	Unravelling cytosolic delivery of cell penetrating peptides with a quantitative endosomal escape assay. Nature Communications, 2021, 12, 3721.	12.8	78
11	From influenza to COVID-19: Lipid nanoparticle mRNA vaccines at the frontiers of infectious diseases. Acta Biomaterialia, 2021, 131, 16-40.	8.3	140
12	Cyclosporin Structure and Permeability: From A to Z and Beyond. Journal of Medicinal Chemistry, 2021, 64, 13131-13151.	6.4	43
13	Molecular Dynamics Simulations and Experimental Results Provide Insight into Clinical Performance Differences between SandimmuneÂ® and NeoralÂ® Lipid-Based Formulations. Pharmaceutical Research, 2021, 38, 1531-1547.	3.5	3
14	Compartmentalized microfluidic chambers enable long-term maintenance and communication between human pluripotent stem cell-derived forebrain and midbrain neurons. Lab on A Chip, 2021, 21, 4016-4030.	6.0	9
15	Computational and Experimental Models of Type III Lipid-Based Formulations of Loratadine Containing Complex Nonionic Surfactants. Molecular Pharmaceutics, 2021, 18, 4354-4370.	4.6	3
16	Inhibition of Î²-catenin dependent WNT signalling upregulates the transcriptional repressor NR0B1 and downregulates markers of an A9 phenotype in human embryonic stem cell-derived dopaminergic neurons: Implications for Parkinsonâ€™s disease. PLoS ONE, 2021, 16, e0261730.	2.5	2
17	The impact of size and charge on the pulmonary pharmacokinetics and immunological response of the lungs to PLGA nanoparticles after intratracheal administration to rats. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 30, 102291.	3.3	22
18	A CX3CR1 Reporter hESC Line Facilitates Integrative Analysis of In-Vitro-Derived Microglia and Improved Microglia Identity upon Neuron-Glia Co-culture. Stem Cell Reports, 2020, 14, 1018-1032.	4.8	16

#	Article	IF	Citations
19	Viral Delivery of GDNF Promotes Functional Integration of Human Stem Cell Grafts in Parkinsonâ€™s Disease. Cell Stem Cell, 2020, 26, 511-526.e5.	11.1	56
20	Isolation of LMX1a Ventral Midbrain Progenitors Improves the Safety and Predictability of Human Pluripotent Stem Cell-Derived Neural Transplants in Parkinsonian Disease. Journal of Neuroscience, 2019, 39, 9521-9531.	3.6	23
21	Colloidal aspects of dispersion and digestion of self-dispersing lipid-based formulations for poorly water-soluble drugs. Advanced Drug Delivery Reviews, 2019, 142, 16-34.	13.7	67
22	Location of Solvated Probe Molecules Within Nonionic Surfactant Micelles Using Molecular Dynamics. Journal of Pharmaceutical Sciences, 2019, 108, 205-213.	3.3	9
23	Local inflammation alters the lung disposition of a drug loaded pegylated liposome after pulmonary dosing to rats. Journal of Controlled Release, 2019, 307, 32-43.	9.9	26
24	Unlocking the full potential of lipid-based formulations using lipophilic salt/ionic liquid forms. Advanced Drug Delivery Reviews, 2019, 142, 75-90.	13.7	39
25	Improvement in the Predicted Partitioning of Alcohol and Polyethylene Oxide Groups Between Water and Octanol (logP) in Molecular Dynamics Simulations. Journal of Pharmaceutical Sciences, 2019, 108, 214-222.	3.3	7
26	A Nonionic Polyethylene Oxide (PEO) Surfactant Model: Experimental and Molecular Dynamics Studies of Kolliphor EL. Journal of Pharmaceutical Sciences, 2019, 108, 193-204.	3.3	20
27	Polymeric Precipitation Inhibitors Promote Fenofibrate Supersaturation and Enhance Drug Absorption from a Type IV Lipid-Based Formulation. Molecular Pharmaceutics, 2018, 15, 2355-2371.	4.6	40
28	Acute or Delayed Systemic Administration of Human Amnion Epithelial Cells Improves Outcomes in Experimental Stroke. Stroke, 2018, 49, 700-709.	2.0	53
29	A comparison of the lung clearance kinetics of solid lipid nanoparticles and liposomes by following the 3H-labelled structural lipids after pulmonary delivery in rats. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 125, 1-12.	4.3	42
30	PI3K activation in neural stem cells drives tumorigenesis which can be ameliorated by targeting the cAMP response element binding protein. Neuro-Oncology, 2018, 20, 1344-1355.	1.2	23
31	Transformation of Biopharmaceutical Classification System Class I and III Drugs Into Ionic Liquids and Lipophilic Salts for Enhanced Developability Using Lipid Formulations. Journal of Pharmaceutical Sciences, 2018, 107, 203-216.	3.3	35
32	Suggested Procedures for the Reproducible Synthesis of Poly(d,l-lactideco-glycolide) Nanoparticles Using the Emulsification Solvent Diffusion Platform. Current Nanoscience, 2018, 14, 448-453.	1.2	25
33	Enhancing the Oral Absorption of Kinase Inhibitors Using Lipophilic Salts and Lipid-Based Formulations. Molecular Pharmaceutics, 2018, 15, 5678-5696.	4.6	34
34	Synthesis and Pharmacological Evaluation of Noscapine-Inspired 5-Substituted Tetrahydroisoquinolines as Cytotoxic Agents. Journal of Medicinal Chemistry, 2018, 61, 8444-8456.	6.4	20
35	Solubilisation behaviour of poorly water-soluble drugs during digestion of solid SMEDDS. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 130, 236-246.	4.3	36
36	Self-Crosslinking Lipopeptide/DNA/PEGylated Particles: A New Platform for DNA Vaccination Designed for Assembly in Aqueous Solution. Molecular Therapy - Nucleic Acids, 2018, 12, 504-517.	5.1	10

#	Article	IF	Citations
37	Computational Models of the Gastrointestinal Environment. 1. The Effect of Digestion on the Phase Behavior of Intestinal Fluids. Molecular Pharmaceutics, 2017, 14, 566-579.	4.6	27
38	Characterising the developmental profile of human embryonic stem cell-derived medium spiny neuron progenitors and assessing mature neuron function using a CRISPR-generated human DARPP-32 WT/eGFP-AMP reporter line. Neurochemistry International, 2017, 106, 3-13.	3.8	10
39	Inclusion of Digestible Surfactants in Solid SMEDDS Formulation Removes Lag Time and Influences the Formation of Structured Particles During Digestion. AAPS Journal, 2017, 19, 754-764.	4.4	27
40	Transient Supersaturation Supports Drug Absorption from Lipid-Based Formulations for Short Periods of Time, but Ongoing Solubilization Is Required for Longer Absorption Periods. Molecular Pharmaceutics, 2017, 14, 394-405.	4.6	16
41	Computational Models of the Gastrointestinal Environment. 2. Phase Behavior and Drug Solubilization Capacity of a Type I Lipid-Based Drug Formulation after Digestion. Molecular Pharmaceutics, 2017, 14, 580-592.	4.6	30
42	A PITX3 -EGFP Reporter Line Reveals Connectivity of Dopamine and Non-dopamine Neuronal Subtypes in Grafts Generated from Human Embryonic Stem Cells. Stem Cell Reports, 2017, 9, 868-882.	4.8	32
43	Effect of increased surface hydrophobicity via drug conjugation on the clearance of inhaled PEGylated polylysine dendrimers. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 408-418.	4.3	28
44	Specification of murine ground state pluripotent stem cells to regional neuronal populations. Scientific Reports, 2017, 7, 16001.	3.3	7
45	Efficiently Specified Ventral Midbrain Dopamine Neurons from Human Pluripotent Stem Cells Under Xeno-Free Conditions Restore Motor Deficits in Parkinsonian Rodents. Stem Cells Translational Medicine, 2017, 6, 937-948.	3.3	55
46	Computational Models of the Intestinal Environment. 3. The Impact of Cholesterol Content and pH on Mixed Micelle Colloids. Molecular Pharmaceutics, 2017, 14, 3684-3697.	4.6	26
47	A suicidal strain of Listeria monocytogenes is effective as a DNA vaccine delivery system for oral administration. Vaccine, 2017, 35, 5115-5122.	3.8	13
48	Purification and characterization of adenovirus core protein VII: a histone-like protein that is critical for adenovirus core formation. Journal of General Virology, 2017, 98, 1785-1794.	2.9	4
49	High Molecular Weight DNA Enrichment with Peptide Nucleic Acid Probes. Methods in Molecular Biology, 2017, 1551, 73-85.	0.9	0
50	Tissue-specific Calibration of Real-time PCR Facilitates Absolute Quantification of Plasmid DNA in Biodistribution Studies. Molecular Therapy - Nucleic Acids, 2016, 5, e371.	5.1	1
51	Haplotyping the human leukocyte antigen system from single chromosomes. Scientific Reports, 2016, 6, 30381.	3.3	6
52	50 years of oral lipid-based formulations: Provenance, progress and future perspectives. Advanced Drug Delivery Reviews, 2016, 101, 167-194.	13.7	308
53	Chronic stress in mice remodels lymph vasculature to promote tumour cell dissemination. Nature Communications, 2016, 7, 10634.	12.8	232
54	Disposition and safety of inhaled biodegradable nanomedicines: Opportunities and challenges. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1703-1724.	3.3	67

#	Article	IF	Citations
55	A new in vitro lipid digestion â€“ in vivo absorption model to evaluate the mechanisms of drug absorption from lipid-based formulations. Pharmaceutical Research, 2016, 33, 970-982.	3.5	58
56	Human pluripotent stem cell derived midbrain PITX3eGFP/w neurons: a versatile tool for pharmacological screening and neurodegenerative modeling. Frontiers in Cellular Neuroscience, 2015, 9, 104.	3.7	16
57	Comparing mouse and human pluripotent stem cell derived cardiac cells: Both systems have advantages for pharmacological and toxicological screening. Journal of Pharmacological and Toxicological Methods, 2015, 74, 17-25.	0.7	2
58	Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations. 5. Lipolysis of Representative Formulations by Gastric Lipase. Pharmaceutical Research, 2015, 32, 1279-1287.	3.5	55
59	SIRPA, VCAM1 and CD34 identify discrete lineages during early human cardiovascular development. Stem Cell Research, 2014, 13, 172-179.	0.7	63
60	The Synthesis and Biological Evaluation of Multifunctionalised Derivatives of Noscapine as Cytotoxic Agents. ChemMedChem, 2014, 9, 399-410.	3.2	28
61	Non-linear Increases in Danazol Exposure with Dose in Older vs. Younger Beagle Dogs: The Potential Role of Differences in Bile Salt Concentration, Thermodynamic Activity, and Formulation Digestion. Pharmaceutical Research, 2014, 31, 1536-1552.	3.5	8
62	An in Vitro Digestion Test That Reflects Rat Intestinal Conditions To Probe the Importance of Formulation Digestion vs First Pass Metabolism in Danazol Bioavailability from Lipid Based Formulations. Molecular Pharmaceutics, 2014, 11, 4069-4083.	4.6	30
63	Human leukocyte antigen haplotype phasing by alleleâ€specific enrichment with peptide nucleic acid probes. Molecular Genetics & Genomic Medicine, 2014, 2, 245-253.	1.2	2
64	Choice of Nonionic Surfactant Used to Formulate Type IIIA Self-Emulsifying Drug Delivery Systems and the Physicochemical Properties of the Drug Have a Pronounced Influence on the Degree of Drug Supersaturation that Develops During In Vitro Digestion. Journal of Pharmaceutical Sciences, 2014, 103, 1050-1063.	3.3	16
65	â€˜Stealthâ€™ lipid-based formulations: Poly(ethylene glycol)-mediated digestion inhibition improves oral bioavailability of a model poorly water soluble drug. Journal of Controlled Release, 2014, 192, 219-227.	9.9	69
66	Digestion of Phospholipids after Secretion of Bile into the Duodenum Changes the Phase Behavior of Bile Components. Molecular Pharmaceutics, 2014, 11, 2825-2834.	4.6	40
67	Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations, Part 4: Proposing a New Lipid Formulation Performance Classification System. Journal of Pharmaceutical Sciences, 2014, 103, 2441-2455.	3.3	42
68	Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations, Part 6: Effects of Varying Pancreatin and Calcium Levels. AAPS Journal, 2014, 16, 1344-1357.	4.4	53
69	Zinc-finger Nuclease Enhanced Gene Targeting in Human Embryonic Stem Cells. Journal of Visualized Experiments, 2014, , e51764.	0.3	3
70	Lipid-Based Formulations and Drug Supersaturation: Harnessing the Unique Benefits of the Lipid Digestion/Absorption Pathway. Pharmaceutical Research, 2013, 30, 2976-2992.	3.5	94
71	Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations, Part 3: Understanding Supersaturation Versus Precipitation Potential During the In Vitro Digestion of Type I, II, IIIA, IIIB and IV Lipid-Based Formulations. Pharmaceutical Research, 2013, 30, 3059-3076.	3.5	87
72	In vitro assessment of drug-free and fenofibrate-containing lipid formulations using dispersion and digestion testing gives detailed insights into the likely fate of formulations in the intestine. European Journal of Pharmaceutical Sciences, 2013, 49, 748-760.	4.0	35

#	Article	IF	Citations
73	Glyceride Lipid Formulations: Molecular Dynamics Modeling of Phase Behavior During Dispersion and Molecular Interactions Between Drugs and Excipients. Pharmaceutical Research, 2013, 30, 3238-3253.	3.5	33
74	Strategies to Address Low Drug Solubility in Discovery and Development. Pharmacological Reviews, 2013, 65, 315-499.	16.0	1,217
75	In vitro digestion testing of lipid-based delivery systems: Calcium ions combine with fatty acids liberated from triglyceride rich lipid solutions to form soaps and reduce the solubilization capacity of colloidal digestion products. International Journal of Pharmaceutics, 2013, 441, 323-333.	5.2	112
76	Evaluation of the Structural Determinants of Polymeric Precipitation Inhibitors Using Solvent Shift Methods and Principle Component Analysis. Molecular Pharmaceutics, 2013, 10, 2823-2848.	4.6	48
77	Pluripotent stem cell-derived dopaminergic neurons as models of neurodegeneration. Future Neurology, 2013, 8, 649-661.	0.5	1
78	DNA-Dependent Protein Kinase Is a Context Dependent Regulator of Lmx1a and Midbrain Specification. PLoS ONE, 2013, 8, e78759.	2.5	3
79	Stem Cell Technology. , 2013, , 509-524.		0
80	Colloidal characteristics and formulation of pure protein particulate vaccines. Journal of Pharmacy and Pharmacology, 2012, 64, 1386-1393.	2.4	2
81	Toward the Establishment of Standardized in Vitro Tests for Lipid-Based Formulations. 2. The Effect of Bile Salt Concentration and Drug Loading on the Performance of Type I, II, IIIA, IIIB, and IV Formulations during in Vitro Digestion. Molecular Pharmaceutics, 2012, 9, 3286-3300.	4.6	110
82	Synthesis and Biological Evaluation of Nâ€Substituted Noscapine Analogues. ChemMedChem, 2012, 7, 2122-2133.	3.2	46
83	Synthesis and Pharmacological Evaluation of Dual Acting Antioxidant A_{2A} Adenosine Receptor Agonists. Journal of Medicinal Chemistry, 2012, 55, 3521-3534.	6.4	17
84	Enhanced Extravasation, Stability and in Vivo Cardiac Gene Silencing via in Situ siRNAâ€“Albumin Conjugation. Molecular Pharmaceutics, 2012, 9, 71-80.	4.6	41
85	Lipid Digestion as a Trigger for Supersaturation: Evaluation of the Impact of Supersaturation Stabilization on the in Vitro and in Vivo Performance of Self-Emulsifying Drug Delivery Systems. Molecular Pharmaceutics, 2012, 9, 2063-2079.	4.6	125
86	In Vitro Maturation of Dopaminergic Neurons Derived from Mouse Embryonic Stem Cells: Implications for Transplantation. PLoS ONE, 2012, 7, e31999.	2.5	28
87	Lmx1a Allows Context-Specific Isolation of Progenitors of GABAergic or Dopaminergic Neurons During Neural Differentiation of Embryonic Stem Cells. Stem Cells, 2012, 30, 1349-1361.	3.2	23
88	Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations, Part 1: Method Parameterization and Comparison of In Vitro Digestion Profiles Across a Range of Representative Formulations. Journal of Pharmaceutical Sciences, 2012, 101, 3360-3380.	3.3	217
89	Synthesis and Biological Evaluation of Adenosines with Heterobicyclic and Polycyclic N⁶â€Substituents as Adenosine A₁ Receptor Agonists. ChemMedChem, 2012, 7, 1191-1201.	3.2	5
90	Molecular modeling of lipid drug formulations. Journal of Cheminformatics, 2012, 4, .	6.1	0

#	Article	IF	Citations
91	Using Molecular Dynamics to Study Liquid Phase Behavior: Simulations of the Ternary Sodium Laurate/Sodium Oleate/Water System. Langmuir, 2011, 27, 11381-11393.	3.5	35
92	NKX2-5eGFP/w hESCs for isolation of human cardiac progenitors and cardiomyocytes. Nature Methods, 2011, 8, 1037-1040.	19.0	384
93	Midbrain and forebrain patterning delivers immunocytochemically and functionally similar populations of neuropeptide Y containing GABAergic neurons. Neurochemistry International, 2011, 59, 413-20.	3.8	8
94	Extended periods of neural induction and propagation of embryonic stem cell-derived neural progenitors with EGF and FGF2 enhances Lmx1a expression and neurogenic potential. Neurochemistry International, 2011, 59, 394-403.	3.8	5
95	Receptor Binding Affinities and Biological Activities of Linear and Cyclic Melanocortins in B16 Murine Melanoma Cells Expressing the Native MC1 Receptor. Journal of Pharmacy and Pharmacology, 2011, 48, 197-200.	2.4	5
96	Molecular Modelling of Î² Turns in a Cyclic Melanotropin. Journal of Pharmacy and Pharmacology, 2011, 48, 218-222.	2.4	7
97	Commercially Supplied Amine-Modified siRNAs May Require Ultrafiltration prior to Conjugation with Amine-Reactive Compounds. Journal of Nucleic Acids, 2011, 2011, 1-5.	1.2	3
98	Fate of 125-I Labelled Albumin-Methotrexate Conjugates After Intravenous Administration in the Rat. Journal of Pharmacy and Pharmacology, 2011, 42, 181P-181P.	2.4	0
99	Endothelin-1 and angiotensin II modulate rate and contraction amplitude in a subpopulation of mouse embryonic stem cell-derived cardiomyocyte-containing bodies. Stem Cell Research, 2011, 6, 23-33.	0.7	10
100	A Targeted NKX2.1 Human Embryonic Stem Cell Reporter Line Enables Identification of Human Basal Forebrain Derivatives. Stem Cells, 2011, 29, 462-473.	3.2	99
101	Directed Expression of Gata2, Mash1, and Foxa2 Synergize to Induce the Serotonergic Neuron Phenotype During In Vitro Differentiation of Embryonic Stem Cells. Stem Cells, 2011, 29, 928-939.	3.2	23
102	Mechanism of Microtubule-facilitated â€œFast Trackâ€•Nuclear Import. Journal of Biological Chemistry, 2011, 286, 14335-14351.	3.4	39
103	Spherulitic Morphology and its Influence on Drug Release from Melt-Processed Biodegradable P(HB-HV) Polyesters. Journal of Pharmacy and Pharmacology, 2011, 42, 133P-133P.	2.4	5
104	A Novel Highly Selective Adenosine A1 Receptor Agonist VCP28 Reduces Ischemia Injury in a Cardiac Cell Line and Ischemiaâ€“Reperfusion Injury in Isolated Rat Hearts at Concentrations That Do Not Affect Heart Rate. Journal of Cardiovascular Pharmacology, 2010, 56, 282-292.	1.9	14
105	Cooperative Cardioprotection Through Adenosine A1 and A2A Receptor Agonism in Ischemia-Reperfused Isolated Mouse Heart. Journal of Cardiovascular Pharmacology, 2010, 56, 379-388.	1.9	25
106	Adenovirus: a blueprint for non-viral gene delivery. Current Opinion in Biotechnology, 2010, 21, 627-632.	6.6	31
107	Troubleshooting immunohistochemical labelling of proliferating cell nuclear antigen (PCNA) in cryocut tissue sections of mouse prostate. Journal of Pharmacological and Toxicological Methods, 2010, 61, 98-101.	0.7	3
108	Interaction of viruses with host cell molecular motors. Current Opinion in Biotechnology, 2010, 21, 633-639.	6.6	29

#	Article	IF	Citations
109	Synthesis and evaluation of new N6-substituted adenosine-5â€²-N-methylcarboxamides as A3 adenosine receptor agonists. Bioorganic and Medicinal Chemistry, 2010, 18, 3078-3087.	3.0	10
110	Investigations into the Binding Affinities of Different Human 5-HT4 Receptor Splice Variants. Pharmacology, 2010, 85, 224-233.	2.2	14
111	Using polymeric precipitation inhibitors to improve the absorption of poorly water-soluble drugs: A mechanistic basis for utility. Journal of Drug Targeting, 2010, 18, 704-731.	4.4	273
112	Elastomeric nanocomposites as cell delivery vehicles and cardiac support devices. Soft Matter, 2010, 6, 4715.	2.7	65
113	Overcoming biological barriers to in vivo efficacy of antisense oligonucleotides. Expert Reviews in Molecular Medicine, 2009, 11, e10.	3.9	50
114	Modulation of nucleocytoplasmic trafficking by retention in cytoplasm or nucleus. Journal of Cellular Biochemistry, 2009, 107, 1160-1167.	2.6	18
115	Design of Lipid-Based Formulations for Oral Administration of Poorly Water-Soluble Drugs: Precipitation of Drug after Dispersion of Formulations in Aqueous Solution. Journal of Pharmaceutical Sciences, 2009, 98, 3582-3595.	3.3	135
116	A Stably Engineered, Suicidal Strain of Listeria monocytogenes Delivers Protein and/or DNA to Fully Differentiated Intestinal Epithelial Monolayers. Molecular Pharmaceutics, 2009, 6, 1052-1061.	4.6	11
117	Structure and Dynamics of Glyceride Lipid Formulations, with Propylene Glycol and Water. Molecular Pharmaceutics, 2009, 6, 604-614.	4.6	30
118	Cardioprotection Induced by Adenosine A1 Receptor Agonists in a Cardiac Cell Ischemia Model Involves Cooperative Activation of Adenosine A2A and A2B Receptors by Endogenous Adenosine. Journal of Cardiovascular Pharmacology, 2009, 53, 424-433.	1.9	31
119	Evaluation of the Impact of Surfactant Digestion on the Bioavailability of Danazol after Oral Administration of Lipidic Self-Emulsifying Formulations to Dogs. Journal of Pharmaceutical Sciences, 2008, 97, 995-1012.	3.3	150
120	Formulation of lipid-based delivery systems for oral administration: Materials, methods and strategies. Advanced Drug Delivery Reviews, 2008, 60, 625-637.	13.7	703
121	Enhancing intestinal drug solubilisation using lipid-based delivery systems. Advanced Drug Delivery Reviews, 2008, 60, 673-691.	13.7	587
122	Generic construction of single component particles that elicit humoural and cellular immune responses without the need for adjuvants. Vaccine, 2008, 26, 6824-6831.	3.8	11
123	Preparation and in Vitro Evaluation of Novel Lipopeptide Transfection Agents for Efficient Gene Delivery. Bioconjugate Chemistry, 2008, 19, 940-950.	3.6	27
124	Dynein Light Chain Association Sequences Can Facilitate Nuclear Protein Import. Molecular Biology of the Cell, 2007, 18, 3204-3213.	2.1	71
125	Comparison of 5-HT4 and 5-HT7 receptor expression and function in the circular muscle of the human colon. Life Sciences, 2007, 80, 1198-1205.	4.3	32
126	Dual acting antioxidant A1 adenosine receptor agonists. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5437-5441.	2.2	20

#	Article	IF	Citations
127	Embryonic stem cells as a source of models for drug discovery. Nature Reviews Drug Discovery, 2007, 6, 605-616.	46.4	167
128	Heterogeneous population of dopaminergic neurons derived from mouse embryonic stem cells: preliminary phenotyping based on receptor expression and function. European Journal of Neuroscience, 2007, 25, 1961-1970.	2.6	18
129	A Microtubule-Facilitated Nuclear Import Pathway for Cancer Regulatory Proteins. Traffic, 2007, 8, 673-686.	2.7	87
130	Targeted delivery to the nucleusâ˜†. Advanced Drug Delivery Reviews, 2007, 59, 698-717.	13.7	223
131	Increasing the Proportional Content of Surfactant (Cremophor EL) Relative to Lipid in Self-emulsifying Lipid-based Formulations of Danazol Reduces Oral Bioavailability in Beagle Dogs. Pharmaceutical Research, 2007, 24, 748-757.	3.5	137
132	Molecular dynamics simulations of spontaneous bile salt aggregation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 280, 182-193.	4.7	92
133	Formulation of poorly water-soluble drugs for oral administration: Physicochemical and physiological issues and the lipid formulation classification system. European Journal of Pharmaceutical Sciences, 2006, 29, 278-287.	4.0	996
134	Pharmaceutical applications of embryonic stem cells. Advanced Drug Delivery Reviews, 2005, 57, 1918-1934.	13.7	54
135	Tetraspanins in Viral Infections: a Fundamental Role in Viral Biology?. Journal of Virology, 2005, 79, 10839-10851.	3.4	94
136	Electrical and neurotransmitter activity of mature neurons derived from mouse embryonic stem cells by Sox-1 lineage selection and directed differentiation. European Journal of Neuroscience, 2004, 20, 3209-3221.	2.6	31
137	Formation of hybrid polymethyleneâ€“poly(oxyethylene) macrocycles. Tetrahedron Letters, 2001, 42, 1355-1357.	1.4	1
138	Key issues in non-viral gene delivery1PII of original article: S0169-409X(98)00048-9. The article was originally published in Advanced Drug Delivery Reviews 34 (1998) 3â€“19.1. Advanced Drug Delivery Reviews, 2001, 46, 187-203.	13.7	324
139	Synthesis and characterisation of polyamineâ€“poly(ethylene glycol) constructs for DNA binding and gene delivery. Bioorganic and Medicinal Chemistry, 2000, 8, 1779-1797.	3.0	29
140	Lipid formulations for oral administration of drugs: non-emulsifying, self-emulsifying and â€˜self-microemulsifyingâ€™ drug delivery systems. European Journal of Pharmaceutical Sciences, 2000, 11, S93-S98.	4.0	942
141	A biodegradable multiblock co-polymer derived from an Î±,Ï‰-bis(methylamino)peptide and an Î±,Ï‰-bis(oxiranylmethyl)poly(ethylene glycol). Journal of Controlled Release, 2000, 67, 129-139.	9.9	12
142	Cationic lipid-mediated transfection of differentiated Caco-2 cells: a filter culture model of gene delivery to a polarized epithelium. Pharmaceutical Research, 1999, 16, 1805-1811.	3.5	32
143	Pharmaceutical and Biological Properties of Poly(amino acid)/DNA Polyplexes. Journal of Drug Targeting, 1999, 7, 143-156.	4.4	20
144	Synthesis of porphyrin Î±,Ï‰-bis(methylamino)peptide constructs. New Journal of Chemistry, 1999, 23, 1087-1096.	2.8	7

#	Article	IF	Citations
145	Synthesis of 153N-6 analogues and structure-function analysis at murine melanocortin-1 (MC1) receptors. Peptides, 1999, 20, 387-394.	2.4	6
146	Key issues in non-viral gene delivery. Advanced Drug Delivery Reviews, 1998, 34, 3-19.	13.7	219
147	Nuclear import of polypeptides, polynucleotides and supramolecular complexes. Advanced Drug Delivery Reviews, 1998, 34, 51-64.	13.7	56
148	Polycation-DNA complexes for gene delivery: a comparison of the biopharmaceutical properties of cationic polypeptides and cationic lipids. Journal of Controlled Release, 1998, 53, 289-299.	9.9	234
149	8-(Ï‰-Aminoalkyl)theophyllines and Their Use in Preparing Fluorescently Labeled Derivatives for Applications in Immunoassay. Bioconjugate Chemistry, 1997, 8, 611-616.	3.6	1
150	Binding and Biological Activity of C-Terminally Modified Melanocortin Peptides: A Comparison Between Their Actions at Rodent MC1 and MC3 Receptors. Peptides, 1997, 18, 1001-1008.	2.4	16
151	The potential of oily formulations for drug delivery to the gastro-intestinal tract. Advanced Drug Delivery Reviews, 1997, 25, 1-2.	13.7	27
152	Structure and function of gastro-intestinal lipases. Advanced Drug Delivery Reviews, 1997, 25, 15-32.	13.7	108
153	Influence of lipolysis on drug absorption from the gastro-intestinal tract. Advanced Drug Delivery Reviews, 1997, 25, 33-46.	13.7	202
154	Formulation of self-emulsifying drug delivery systems. Advanced Drug Delivery Reviews, 1997, 25, 47-58.	13.7	499
155	Biosynthetic polyhydroxyalkanoates and their potential in drug delivery. Advanced Drug Delivery Reviews, 1996, 18, 133-162.	13.7	312
156	Amperometric enzyme biosensors for the analysis of drugs and metabolites. Advanced Drug Delivery Reviews, 1996, 18, 163-191.	13.7	53
157	Endothelial cell biology and culture methods for drug transport studies. Advanced Drug Delivery Reviews, 1996, 18, 193-218.	13.7	9
158	Macromolecular systems for chemotherapy and magnetic resonance imaging. Advanced Drug Delivery Reviews, 1996, 18, 219-267.	13.7	62
159	Identification of a Melanocortin Receptor Expressed by Murine Brain Microvascular Endothelial Cells in Culture. Microvascular Research, 1995, 50, 25-34.	2.5	20
160	Monofunctional electrophilic and nucleophilic derivatives of meso-tetraphenylporphyrin for attachment to peptides. Journal of the Chemical Society Chemical Communications, 1995, , 1809.	2.0	17
161	Synthesis and biological evaluation of Î±-MSH analogues substituted with alanine. Peptides, 1994, 15, 1297-1302.	2.4	83
162	Influence of Î±-MSH terminal amino acids on binding affinity and biological activity in melanoma cells. Peptides, 1994, 15, 441-446.	2.4	22

#	Article	IF	Citations
163	A Conformational Study of Two Cyclic Peptide Analogues of ?-MSH. Annals of the New York Academy of Sciences, 1993, 680, 517-519.	3.8	1
164	Crystallization behaviour and drug release from bacterial polyhydroxyalkanoates. Polymer, 1992, 33, 117-126.	3.8	52
165	Self-emulsifying drug delivery systems: formulation and biopharmaceutic evaluation of an investigational lipophilic compound. Pharmaceutical Research, 1992, 09, 87-93.	3.5	312
166	Self-Emulsification of Vegetable Oil-Nonionic Surfactant Mixtures. ACS Symposium Series, 1986, , 242-255.	0.5	55
167	Self-emulsifying drug delivery systems: assessment of the efficiency of emulsification. International Journal of Pharmaceutics, 1985, 27, 335-348.	5.2	213