Jesper Ã˜stergaard

List of Publications by Year
in descending order

152	4,313	94433	149698
papers	citations	37 h-index	56 g-index

154	154	154	4288
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Methodological Considerations in Development of UV Imaging for Characterization of Intra-Tumoral Injectables Using cAMP as a Model Substance. International Journal of Molecular Sciences, 2022, 23, 3599.	4.1	3
2	Assessment of immunogenicity and drug activity in patient sera by flow-induced dispersion analysis. Scientific Reports, 2022, 12, 4670.	3.3	1
3	Quantification of Structural Integrity and Stability Using Nanograms of Protein by Flow-Induced Dispersion Analysis. Molecules, 2022, 27, 2506.	3.8	0
4	Investigation of diclofenac release and dynamic structural behavior of non-lamellar liquid crystal formulations during in situ formation by UVâ€“Vis imaging and SAXS. International Journal of Pharmaceutics, 2022, 623, 121880.	5.2	3
5	Towards functional characterization of excipients for oral solid dosage forms using UVâ€“vis imaging. Liberation, release and dissolution. Journal of Pharmaceutical and Biomedical Analysis, 2021, 194, 113789.	2.8	6
6	An investigation of drug compact topography as relates to intrinsic dissolution rates determined by dissolution imaging. Journal of Drug Delivery Science and Technology, 2021, 61, 102143.	3.0	1
7	Analysis of selenium nanoparticles in human plasma by capillary electrophoresis hyphenated to inductively coupled plasma mass spectrometry. Analytical and Bioanalytical Chemistry, 2021, 413, 2247-2255.	3.7	11
8	Size-based characterization of adalimumab and TNF-Î± interactions using flow induced dispersion analysis: assessment of avidity-stabilized multiple bound species. Scientific Reports, 2021, 11, 4754.	3.3	11
9	Exploration of in vitro drug release testing methods for saquinavir microenvironmental pH modifying buccal films. European Journal of Pharmaceutical Sciences, 2021, 163, 105867.	4.0	12
10	Comparison of external calibration and isotope dilution LC-ICP-MS/MS for quantitation of oxytocin and its selenium analogue in human plasma. Analytical and Bioanalytical Chemistry, 2021, 413, 6479-6488.	3.7	2
11	Application of UV dissolution imaging to pharmaceutical systems. Advanced Drug Delivery Reviews, 2021, 177, 113949.	13.7	9
12	Spatially and time-resolved SAXS for monitoring dynamic structural transitions during in situ generation of non-lamellar liquid crystalline phases in biologically relevant media. Journal of Colloid and Interface Science, 2021, 602, 415-425.	9.4	5
13	An in vitro gel-based system for characterizing and predicting the long-term performance of PLGA in situ forming implants. International Journal of Pharmaceutics, 2021, 609, 121183.	5.2	18
14	Formulation of co-amorphous systems from naproxen and naproxen sodium and in situ monitoring of physicochemical state changes during dissolution testing by Raman spectroscopy. International Journal of Pharmaceutics, 2020, 587, 119662.	5.2	11
15	Initial Leuprolide Acetate Release from Poly(<scp>d</scp>,<scp>l</scp>-lactide-co-glycolide) in Situ Forming Implants as Studied by Ultravioletâ€“Visible Imaging. Molecular Pharmaceutics, 2020, 17, 4522-4532.	4.6	14
16	Microenvironmental pH modifying films for buccal delivery of saquinavir: Effects of organic acids on pH and drug release in vitro. International Journal of Pharmaceutics, 2020, 585, 119567.	5.2	10
17	An interlaboratory investigation of intrinsic dissolution rate determination using surface dissolution. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 150, 24-32.	4.3	11
18	Diclofenac Prodrugs for Intra-articular Depot Injectables: InÂVitro Hydrolysis and Species Variation. Journal of Pharmaceutical Sciences, 2020, 109, 1529-1536.	3.3	2

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19	Towards in vitro in vivo correlation for modified release subcutaneously administered insulins. European Journal of Pharmaceutical Sciences, 2020, 145, 105239.	4.0	12
20	In-Solution IgG Titer Determination in Fermentation Broth Using Affibodies and Flow-Induced Dispersion Analysis. ACS Omega, 2020, 5, 10519-10524.	3.5	10
21	Monitoring of Antimicrobial Drug Chloramphenicol Release from Electrospun Nano- and Microfiber Mats using UV Imaging and Bacterial Bioreporters. Pharmaceutics, 2019, 11, 487.	4.5	12
22	Transport characteristics in a novel in vitro release model for testing the performance of intra-articular injectables. International Journal of Pharmaceutics, 2019, 566, 445-453.	5.2	15
23	Flow-Induced Dispersion Analysis (FIDA) for Protein Quantification and Characterization. Methods in Molecular Biology, 2019, 1972, 109-123.	0.9	18
24	Protein Characterization in 3D: Size, Folding, and Functional Assessment in a Unified Approach. Analytical Chemistry, 2019, 91, 4975-4979.	6.5	10
25	Simulated synovial fluids for in vitro drug and prodrug release testing of depot injectables intended for joint injection. Journal of Drug Delivery Science and Technology, 2019, 49, 169-176.	3.0	10
26	Concomitant monitoring of implant formation and drug release of in situ forming poly (lactide-co-glycolide acid) implants in a hydrogel matrix mimicking the subcutis using UVâ€“vis imaging. Journal of Pharmaceutical and Biomedical Analysis, 2018, 150, 95-106.	2.8	22
27	Manipulating Aggregation Behavior of the Uncharged Peptide Carbetocin. Journal of Pharmaceutical Sciences, 2018, 107, 838-847.	3.3	2
28	UV imaging in pharmaceutical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2018, 147, 140-148.	2.8	36
29	Cisplatin Encapsulation Generates Morphologically Different Multicompartments in the Internal Nanostructures of Nonlamellar Liquid-Crystalline Self-Assemblies. Langmuir, 2018, 34, 6570-6581.	3.5	33
30	UVâ€“vis Imaging of Piroxicam Supersaturation, Precipitation, and Dissolution in a Flow-Through Setup. Analytical Chemistry, 2018, 90, 6413-6418.	6.5	15
31	Dissolution enhancement of griseofulvin from griseofulvin-sodium dodecyl sulfate discs investigated by UV imaging. Journal of Drug Delivery Science and Technology, 2017, 39, 516-522.	3.0	6
32	Automated coating procedures to produce poly(ethylene glycol) brushes in fusedâ€silica capillaries. Journal of Separation Science, 2017, 40, 779-788.	2.5	10
33	Variable-focus microscopy and UV surface dissolution imaging as complementary techniques in intrinsic dissolution rate determination. International Journal of Pharmaceutics, 2017, 530, 139-144.	5.2	14
34	Phase separation of in situ forming poly (lactide-co-glycolide acid) implants investigated using a hydrogel-based subcutaneous tissue surrogate and UVâ€“vis imaging. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 682-691.	2.8	18
35	Limits in Size of Taylor Dispersion Analysis: Representation of the Different Hydrodynamic Regimes and Application to the Size-Characterization of Cubosomes. Analytical Chemistry, 2017, 89, 13487-13493.	6.5	39
36	Application of UV Imaging in Formulation Development. Pharmaceutical Research, 2017, 34, 929-940.	3.5	12

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37	Quantification of pharmaceutical peptides in human plasma by LC-ICP-MS sulfur detection. Journal of Analytical Atomic Spectrometry, 2016, 31, 1877-1884.	3.0	14
38	Performance characteristics of UV imaging instrumentation for diffusion, dissolution and release testing studies. Journal of Pharmaceutical and Biomedical Analysis, 2016, 131, 113-123.	2.8	13
39	Long-Acting Diclofenac Ester Prodrugs for Joint Injection: Kinetics, Mechanism of Degradation, and InÂVitro Release From Prodrug Suspension. Journal of Pharmaceutical Sciences, 2016, 105, 3079-3087.	3.3	11
40	Taylor Dispersion Analysis as a promising tool for assessment of peptide-peptide interactions. European Journal of Pharmaceutical Sciences, 2016, 93, 21-28.	4.0	12
41	Flow-Induced Dispersion Analysis for Probing Anti-dsDNA Antibody Binding Heterogeneity in Systemic Lupus Erythematosus Patients: Toward a New Approach for Diagnosis and Patient Stratification. Analytical Chemistry, 2016, 88, 9056-9061.	6.5	15
42	UV/Vis Spectrophotometry and UV Imaging. Advances in Delivery Science and Technology, 2016, , 3-27.	0.4	5
43	Capillary-Based Techniques for Physical-Chemical Characterization of Drug Substances and Drug Delivery Systems. Advances in Delivery Science and Technology, 2016, , 439-465.	0.4	0
44	Role of Electrostatic Interactions on the Transport of Druglike Molecules in Hydrogel-Based Articular Cartilage Mimics: Implications for Drug Delivery. Molecular Pharmaceutics, 2016, 13, 819-828.	4.6	15
45	In vitro release studies of insulin from lipid implants in solution and in a hydrogel matrix mimicking the subcutis. European Journal of Pharmaceutical Sciences, 2016, 81, 103-112.	4.0	30
46	Flow induced dispersion analysis rapidly quantifies proteins in human plasma samples. Analyst, The, 2015, 140, 4365-4369.	3.5	22
47	pH-triggered drug release from biodegradable microwells for oral drug delivery. Biomedical Microdevices, 2015, 17, 9958.	2.8	29
48	Modulatory Effect of Human Plasma on the Internal Nanostructure and Size Characteristics of Liquid-Crystalline Nanocarriers. Langmuir, 2015, 31, 5042-5049.	3.5	59
49	Real-time UV imaging identifies the role of pH in insulin dissolution behavior in hydrogel-based subcutaneous tissue surrogate. European Journal of Pharmaceutical Sciences, 2015, 69, 26-36.	4.0	21
50	Selective analysis of human serum albumin based on SEC-ICP-MS after labelling with iophenoxic acid. Analytical and Bioanalytical Chemistry, 2015, 407, 2829-2836.	3.7	6
51	Structure elucidation and quantification of impurities formed between 6-aminocaproic acid and the excipients citric acid and sorbitol in an oral solution using high-resolution mass spectrometry and nuclear magnetic resonance spectroscopy. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 333-340.	2.8	10
52	Evaluation of microwave oven heating for prediction of drugâ€“excipient compatibilities and accelerated stability studies. International Journal of Pharmaceutics, 2015, 485, 97-107.	5.2	7
53	A method for studies on interactions between a gold-based drug and plasma proteins based on capillary electrophoresis with inductively coupled plasma mass spectrometry detection. Analytical and Bioanalytical Chemistry, 2015, 407, 8497-8503.	3.7	11
54	Matrix effects in nilotinib formulations with pH-responsive polymer produced by carbon dioxide-mediated precipitation. International Journal of Pharmaceutics, 2015, 494, 205-217.	5.2	18

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55	Selenium as an alternative peptide label â€“ comparison to fluorophore-labelled penetratin. European Journal of Pharmaceutical Sciences, 2015, 67, 76-84.	4.0	14
56	Microenvironmental pH measurement during sodium naproxenate dissolution in acidic medium by UV/vis imaging. Journal of Pharmaceutical and Biomedical Analysis, 2014, 100, 290-293.	2.8	14
57	A Prodrug Approach Involving In Situ Depot Formation to Achieve Localized and Sustained Action of Diclofenac After Joint Injection. Journal of Pharmaceutical Sciences, 2014, 103, 4021-4029.	3.3	10
58	Simultaneous UV Imaging and Raman Spectroscopy for the Measurement of Solvent-Mediated Phase Transformations During Dissolution Testing. Journal of Pharmaceutical Sciences, 2014, 103, 1149-1156.	3.3	38
59	Determination of stability constants of tauro- and glyco-conjugated bile salts with the negatively charged sulfobutylether-Î²-cyclodextrin: comparison of affinity capillary electrophoresis and isothermal titration calorimetry and thermodynamic analysis of the interaction. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 78, 185-194.	1.6	17
60	Evaluation of supercritical fluid chromatography for testing of PEG adducts in pharmaceuticals. Journal of Pharmaceutical and Biomedical Analysis, 2014, 88, 256-261.	2.8	23
61	Kinetics of the Esterification of Active Pharmaceutical Ingredients Containing Carboxylic Acid Functionality in Polyethylene Glycol: Formulation Implications. Journal of Pharmaceutical Sciences, 2014, 103, 2424-2433.	3.3	8
62	PEGylation of Phytantriol-Based Lyotropic Liquid Crystalline Particlesâ€”The Effect of Lipid Composition, PEG Chain Length, and Temperature on the Internal Nanostructure. Langmuir, 2014, 30, 6398-6407.	3.5	53
63	Impact of sodium dodecyl sulphate on the dissolution of poorly soluble drug into biorelevant medium from drug-surfactant discs. International Journal of Pharmaceutics, 2014, 467, 1-8.	5.2	11
64	Insulin diffusion and self-association characterized by real-time UV imaging and Taylor dispersion analysis. Journal of Pharmaceutical and Biomedical Analysis, 2014, 92, 203-210.	2.8	56
65	UV Imaging for In Vitro Dissolution and Release Studies: Intial Experiences. Dissolution Technologies, 2014, 21, .	0.6	20
66	SPECT/CT imaging of radiolabeled cubosomes and hexosomes forÂpotential theranostic applications. Biomaterials, 2013, 34, 8491-8503.	11.4	71
67	Metallomics in drug development: characterization of a liposomal cisplatin drug formulation in human plasma by CEâ€“ICPâ€“MS. Analytical and Bioanalytical Chemistry, 2013, 405, 1845-1854.	3.7	29
68	Prolonged naproxen joint residence time after intra-articular injection of lipophilic solutions comprising a naproxen glycolamide ester prodrug in the rat. International Journal of Pharmaceutics, 2013, 451, 34-40.	5.2	9
69	Real-time in vitro dissolution of 5-aminosalicylic acid from single ethyl cellulose coated extrudates studied by UV imaging. Journal of Pharmaceutical and Biomedical Analysis, 2013, 83, 49-56.	2.8	19
70	Dissolution study of nanocrystal powders of a poorly soluble drug by UV imaging and channel flow methods. European Journal of Pharmaceutical Sciences, 2013, 50, 511-519.	4.0	38
71	Biorelevant characterisation of amorphous furosemide salt exhibits conversion to a furosemide hydrate during dissolution. International Journal of Pharmaceutics, 2013, 457, 14-24.	5.2	28
72	Bioavailability of Cinnarizine in Dogs: Effect of SNEDDS Loading Level and Correlation with Cinnarizine Solubilization During In Vitro Lipolysis. Pharmaceutical Research, 2013, 30, 3101-3113.	3.5	29

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73	A capillary-based microfluidic device incorporating optical fibers for flow induced dispersion analysis. , 2013, , .		0
74	A New Approach to Dissolution Testing by UV Imaging and Finite Element Simulations. Pharmaceutical Research, 2013, 30, 1328-1337.	3.5	31
75	Interaction of Amino Acid and Dipeptide Î²-Naphthylamide Derivatives with Hyaluronic Acid and Human Serum Albumin Studied by Capillary Electrophoresis Frontal Analysis. Chromatographia, 2013, 76, 49-57.	1.3	11
76	Oral bioavailability of cinnarizine in dogs: Relation to SNEDDS droplet size, drug solubility and in vitro precipitation. European Journal of Pharmaceutical Sciences, 2013, 48, 339-350.	4.0	85
77	Real-time dissolution behavior of furosemide in biorelevant media as determined by UV imaging. Pharmaceutical Development and Technology, 2013, 18, 1407-1416.	2.4	27
78	Determination of platinum drug release and liposome stability in human plasma by CE-ICP-MS. International Journal of Pharmaceutics, 2013, 449, 95-102.	5.2	42
79	Physico-chemical characterization of liposomes and drug substanceâ€“liposome interactions in pharmaceutics using capillary electrophoresis and electrokinetic chromatography. Journal of Chromatography A, 2012, 1267, 32-44.	3.7	53
80	Modification of concomitant drug release from oil vehicles using drugâ€“prodrug combinations to achieve sustained balanced analgesia after joint installation. International Journal of Pharmaceutics, 2012, 439, 246-253.	5.2	10
81	Drug release into hydrogel-based subcutaneous surrogates studied by UV imaging. Journal of Pharmaceutical and Biomedical Analysis, 2012, 71, 27-34.	2.8	30
82	Formation of Dielectric Layers and Charge Regulation in Protein Adsorption at Biomimetic Interfaces. Langmuir, 2012, 28, 1804-1815.	3.5	17
83	Rapid Exchange of Metal between Zn₇â€“Metallothionein-3 and Amyloid-Î² Peptide Promotes Amyloid-Related Structural Changes. Biochemistry, 2012, 51, 1697-1706.	2.5	68
84	Affinity capillary electrophoresis method for investigation of bile salts complexation with sulfobutyl etherâ€Î²â€cyclodextrin. Journal of Separation Science, 2012, 35, 2764-2772.	2.5	11
85	Mechanistic Studies of the Effect of Bile Salts on Rhodamine 123 Uptake into RBE4 Cells. Molecular Pharmaceutics, 2012, 9, 29-36.	4.6	37
86	Characterization of Oil-Free and Oil-Loaded Liquid-Crystalline Particles Stabilized by Negatively Charged Stabilizer Citrem. Langmuir, 2012, 28, 11755-11766.	3.5	39
87	Characterization of Bupivacaine-Loaded Formulations Based on Liquid Crystalline phases and Microemulsions: The Effect of Lipid Composition. Langmuir, 2012, 28, 2881-2889.	3.5	75
88	SNEDDS Containing Poorly Water Soluble Cinnarizine; Development and in Vitro Characterization of Dispersion, Digestion and Solubilization. Pharmaceutics, 2012, 4, 641-665.	4.5	34
89	Inhibition of Cuâ€Amyloidâ€Î² by using Bifunctional Peptides with Î²â€Sheet Breaker and Chelator Moieties. Chemistry - A European Journal, 2012, 18, 4836-4839.	3.3	29
90	Behaviour of HPMC compacts investigated using UV-imaging. International Journal of Pharmaceutics, 2012, 427, 345-353.	5.2	45

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91	In vitro release from oil injectables for intra-articular administration: Importance of interfacial area, diffusivity and partitioning. European Journal of Pharmaceutical Sciences, 2012, 45, 351-357.	4.0	15
92	Real-time UV imaging of piroxicam diffusion and distribution from oil solutions into gels mimicking the subcutaneous matrix. European Journal of Pharmaceutical Sciences, 2012, 46, 72-78.	4.0	37
93	Measurement of drug diffusivities in pharmaceutical solvents using Taylor dispersion analysis. Journal of Pharmaceutical and Biomedical Analysis, 2012, 61, 176-183.	2.8	53
94	Investigation of a liposomal oxaliplatin drug formulation by capillary electrophoresis hyphenated to inductively coupled plasma mass spectrometry (CE-ICP-MS). Analytical and Bioanalytical Chemistry, 2012, 402, 2131-2139.	3.7	33
95	In situ characterization of lipidic bupivacaine-loaded formulations. Soft Matter, 2011, 7, 8291.	2.7	43
96	Simultaneous measurement of phosphorus and platinum by Size Exclusion Chromatography coupled to Inductively Coupled Plasma Mass Spectrometry (SEC-ICPMS) using xenon as reactive collision gas for characterization of platinum drug liposomes. Journal of Analytical Atomic Spectrometry, 2011, 26, 1466.	3.0	16
97	Insights into the Early Dissolution Events of Amlodipine Using UV Imaging and Raman Spectroscopy. Molecular Pharmaceutics, 2011, 8, 1372-1380.	4.6	68
98	Protein Adsorption at Charged Surfaces: The Role of Electrostatic Interactions and Interfacial Charge Regulation. Langmuir, 2011, 27, 2634-2643.	3.5	205
99	Effects of bile salts on propranolol distribution into liposomes studied by capillary electrophoresis. Journal of Pharmaceutical and Biomedical Analysis, 2011, 56, 553-559.	2.8	31
100	Real-time UV imaging of drug diffusion and release from Pluronic F127 hydrogels. European Journal of Pharmaceutical Sciences, 2011, 43, 236-243.	4.0	70
101	Complexation of tauroâ€•and glycoâ€conjugated bile salts with Î±â€cyclodextrin and hydroxypropylâ€Î±â€cyclodextrin studied by affinity capillary electrophoresis and molecular modelling. Journal of Separation Science, 2011, 34, 3221-3230.	2.5	17
102	Monitoring lidocaine singleâ€crystal dissolution by ultraviolet imaging. Journal of Pharmaceutical Sciences, 2011, 100, 3405-3410.	3.3	45
103	In vitro and in vivo characteristics of celecoxib in situ formed suspensions for intra-articular administration. Journal of Pharmaceutical Sciences, 2011, 100, 4330-4337.	3.3	13
104	Physicochemical characterization of a PEGylated liposomal drug formulation using capillary electrophoresis. Electrophoresis, 2011, 32, 738-748.	2.4	45
105	Rapid Formation of a Preoligomeric Peptideâ€“Metalâ€“Peptide Complex Following Copper(II) Binding to Amyloid Î²â€…Peptides. Angewandte Chemie - International Edition, 2011, 50, 2532-2535.	13.8	69
106	Characterization of a liposome-based formulation of oxaliplatin using capillary electrophoresis: Encapsulation and leakage. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 16-22.	2.8	43
107	Physicochemical characteristics and in vitro release from oil-based vehicles of peptidomimetics: parenteral depots for intra-articular administration. Drug Development and Industrial Pharmacy, 2011, 37, 62-71.	2.0	1
108	Intra-articular injection of morphine to the horse: establishment of anin vitroâ€“in vivorelationship.. Drug Development and Industrial Pharmacy, 2011, 37, 1043-1048.	2.0	5

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109	Cu(II) Mediates Kinetically Distinct, Non-amyloidogenic Aggregation of Amyloid-Î² Peptides. Journal of Biological Chemistry, 2011, 286, 26952-26963.	3.4	114
110	The Pharmacokinetics of the Weakly Protein-Bound Anionic Compound Diatrizoate in Serum and Synovial Fluid of the Horse. Pharmaceutical Research, 2010, 27, 143-150.	3.5	8
111	Real-Time UV Imaging of Nicotine Release from Transdermal Patch. Pharmaceutical Research, 2010, 27, 2614-2623.	3.5	71
112	On the search for in vitro in vivo correlations in the field of intra-articular drug delivery: Administration of sodium diatrizoate to the horse. European Journal of Pharmaceutical Sciences, 2010, 41, 10-15.	4.0	11
113	Ghrelinâ€“liposome interactions: Characterization of liposomal formulations of an acylated 28â€amino acid peptide using CE. Electrophoresis, 2010, 31, 339-345.	2.4	17
114	Stability, liposome interaction, and in vivo pharmacology of ghrelin in liposomal suspensions. International Journal of Pharmaceutics, 2010, 390, 13-18.	5.2	31
115	Flow Induced Dispersion Analysis Quantifies Noncovalent Interactions in Nanoliter Samples. Journal of the American Chemical Society, 2010, 132, 4070-4071.	13.7	54
116	Interfacial Complexes between a Protein and Lipophilic Ions at an Oilâˆ'Water Interface. Analytical Chemistry, 2010, 82, 7699-7705.	6.5	47
117	Determination of liposomeâ€“buffer distribution coefficients of charged drugs by capillary electrophoresis frontal analysis. Electrophoresis, 2009, 30, 2711-2719.	2.4	22
118	Use of correction factors in mobility shift affinity capillary electrophoresis for weak analyte â€“ ligand interactions. Journal of Separation Science, 2009, 32, 1712-1721.	2.5	27
119	Simultaneous Evaluation of Ligand Binding Properties and Protein Size by Electrophoresis and Taylor Dispersion in Capillaries. Analytical Chemistry, 2009, 81, 8644-8648.	6.5	76
120	Effect of Î±-Cyclodextrin on Drug Distribution Studied by Electrochemistry at Interfaces between Immiscible Electrolyte Solutions. Journal of Physical Chemistry B, 2009, 113, 7263-7269.	2.6	12
121	Role ofin vitrorelease models in formulation development and quality control of parenteral depots. Expert Opinion on Drug Delivery, 2009, 6, 1283-1295.	5.0	80
122	Binding of Low-Molecular-Weight Cationic Ligands to Chondroitin Sulfate as Studied by Capillary Electrophoresis Frontal Analysis. The Open Analytical Chemistry Journal, 2009, 3, 16-21.	2.2	2
123	Characterization of the complexation of tauro- and glyco-conjugated bile salts with Î³-cyclodextrin and 2-hydroxypropyl-Î³-cyclodextrin using affinity capillary electrophoresis. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2008, 61, 161-169.	1.6	20
124	Intraâ€articular depot formulation principles: Role in the management of postoperative pain and arthritic disorders. Journal of Pharmaceutical Sciences, 2008, 97, 4622-4654.	3.3	244
125	Affinity capillary electrophoresis for identification and investigation of human Gcâ€globulin (vitamin) Tj ETQq1 1 0.784314 rgBT /Ove	2.4	17
126	Drugâ€“liposome distribution phenomena studied by capillary electrophoresisâ€frontal analysis. Electrophoresis, 2008, 29, 3320-3324.	2.4	21

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127	Studies on human insulin adsorption kinetics at an organicâ€“aqueous interface determined using a label-free electroanalytical approach. Colloids and Surfaces B: Biointerfaces, 2008, 63, 243-248.	5.0	20
128	On the mechanism of drug release from oil suspensions in vitro using local anesthetics as model drug compounds. European Journal of Pharmaceutical Sciences, 2008, 34, 37-44.	4.0	31
129	Assessment of Drug Release from Oil Depot Formulations Using an In Vitro Modelâ€”Potential Applicability in Accelerated Release Testing. Drug Development and Industrial Pharmacy, 2008, 34, 297-304.	2.0	17
130	Development and validation of a microemulsion electrokinetic chromatography method for patulin quantification in commercial apple juice. Food and Chemical Toxicology, 2008, 46, 2251-2257.	3.6	27
131	In Vitro Assessment of Lidocaine Release from Aqueous and Oil Solutions and from Preformed and in Situ Formed Aqueous and Oil Suspensions. Parenteral Depots for Intra-Articular Administration. Drug Delivery, 2008, 15, 23-30.	5.7	18
132	Analysis of Proteins in Solution Using Affinity Capillary Electrophoresis. , 2008, 421, 303-338.		12
133	Application of Retention Factors in Affinity Electrokinetic Chromatography and Capillary Electrophoresis. Analytical Sciences, 2007, 23, 489-492.	1.6	10
134	Controlled Release - Macromolecular Prodrugs. , 2007, , 379-416.		1
135	Bioreversible Derivatives of Phenol. 1. The Role of Human Serum Albumin as Related to the Stability and Binding Properties of Carbonate Esters with Fatty Acid-like Structures in Aqueous Solution and Biological Media. Molecules, 2007, 12, 2380-2395.	3.8	8
136	Bioreversible Derivatives of Phenol. 2. Reactivity of Carbonate Esters with Fatty Acid-like Structures Towards Hydrolysis in Aqueous Solutions. Molecules, 2007, 12, 2396-2412.	3.8	24
137	CE frontal analysis based on simultaneous UV and contactless conductivity detection: A general setup for studying noncovalent interactions. Electrophoresis, 2007, 28, 322-327.	2.4	26
138	CE frontal analysis employing contactless conductivity detection for determination of CMCs of nonâ€UV absorbing charged surfactants. Electrophoresis, 2007, 28, 2975-2980.	2.4	8
139	Complexation of tauroâ€•and glycoâ€conjugated bile salts with three neutral Î²â€CDs studied by ACE. Electrophoresis, 2007, 28, 3745-3752.	2.4	28
140	Diflunisal salts of bupivacaine, lidocaine and morphine. European Journal of Pharmaceutical Sciences, 2007, 31, 172-179.	4.0	18
141	In vitro assessment of drug release rates from oil depot formulations intended for intra-articular administration. European Journal of Pharmaceutical Sciences, 2006, 29, 348-354.	4.0	35
142	Bioanalytical interaction studies executed by preincubation affinity capillary electrophoresis. Electrophoresis, 2006, 27, 2590-2608.	2.4	57
143	Characterization of the rotating dialysis cell as an in vitro model potentially useful for simulation of the pharmacokinetic fate of intra-articularly administered drugs. European Journal of Pharmaceutical Sciences, 2005, 25, 73-79.	4.0	30
144	Bupivacaine salts of diflunisal and other aromatic hydroxycarboxylic acids: Aqueous solubility and release characteristics from solutions and suspensions using a rotating dialysis cell model. European Journal of Pharmaceutical Sciences, 2005, 26, 280-287.	4.0	16

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145	Pre-equilibrium capillary zone electrophoresis or frontal analysis: Advantages of plateau peak conditions in affinity capillary electrophoresis. Electrophoresis, 2005, 26, 4050-4054.	2.4	30
146	Complexation between low-molecular-weight cationic ligands and negatively charged polymers as studied by capillary electrophoresis frontal analysis. Electrophoresis, 2004, 25, 3168-3175.	2.4	13
147	Capillary electrophoresis frontal analysis: Principles and applications for the study of drug-plasma protein binding. Electrophoresis, 2003, 24, 2903-2913.	2.4	117
148	Determination of octanol-water partition coefficients for carbonate esters and other small organic molecules by microemulsion electrokinetic chromatography. Electrophoresis, 2003, 24, 1038-1046.	2.4	42
149	Effect of Dextran as a Run Buffer Additive in Drugâ^'Protein Binding Studies Using Capillary Electrophoresis Frontal Analysis. Analytical Chemistry, 2003, 75, 207-214.	6.5	51
150	Evalution of capillary electrophoresis-frontal analysis for the study of low molecular weight drug-human serum albumin interactions. Electrophoresis, 2002, 23, 2842-2853.	2.4	79
151	Î±-Chymotrypsin-catalyzed degradation of desmopressin (dDAVP): influence of pH, concentration and various cyclodextrins. International Journal of Pharmaceutics, 1999, 178, 223-229.	5.2	23
152	Stability and perfusion studies of Desmopressin (dDAVP) and prodrugs in the rat jejunum. Experimental and Toxicologic Pathology, 1999, 51, 363-368.	2.1	3