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	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
2	Protein Adsorption at Charged Surfaces: The Role of Electrostatic Interactions and Interfacial Charge Regulation. Langmuir, 2011, 27, 2634-2643.	3.5	205
3	Capillary electrophoresis frontal analysis: Principles and applications for the study of drug-plasma protein binding. Electrophoresis, 2003, 24, 2903-2913.	2.4	117
4	Cu(II) Mediates Kinetically Distinct, Non-amyloidogenic Aggregation of Amyloid-Î² Peptides. Journal of Biological Chemistry, 2011, 286, 26952-26963.	3.4	114
5	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
6	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
7	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
8	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
9	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
10	Real-Time UV Imaging of Nicotine Release from Transdermal Patch. Pharmaceutical Research, 2010, 27, 2614-2623.	3.5	71
11	SPECT/CT imaging of radiolabeled cubosomes and hexosomes forÂpotential theranostic applications. Biomaterials, 2013, 34, 8491-8503.	11.4	71
12	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
13	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
14	Insights into the Early Dissolution Events of Amlodipine Using UV Imaging and Raman Spectroscopy. Molecular Pharmaceutics, 2011, 8, 1372-1380.	4.6	68
15	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
16	Modulatory Effect of Human Plasma on the Internal Nanostructure and Size Characteristics of Liquid-Crystalline Nanocarriers. Langmuir, 2015, 31, 5042-5049.	3.5	59
17	Bioanalytical interaction studies executed by preincubation affinity capillary electrophoresis. Electrophoresis, 2006, 27, 2590-2608.	2.4	57
18	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

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19	Flow Induced Dispersion Analysis Quantifies Noncovalent Interactions in Nanoliter Samples. Journal of the American Chemical Society, 2010, 132, 4070-4071.	13.7	54
20	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
21	Measurement of drug diffusivities in pharmaceutical solvents using Taylor dispersion analysis. Journal of Pharmaceutical and Biomedical Analysis, 2012, 61, 176-183.	2.8	53
22	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
23	Effect of Dextran as a Run Buffer Additive in Drugâˆ’Protein Binding Studies Using Capillary Electrophoresis Frontal Analysis. Analytical Chemistry, 2003, 75, 207-214.	6.5	51
24	Interfacial Complexes between a Protein and Lipophilic Ions at an Oilâˆ’Water Interface. Analytical Chemistry, 2010, 82, 7699-7705.	6.5	47
25	Monitoring lidocaine singleâ€crystal dissolution by ultraviolet imaging. Journal of Pharmaceutical Sciences, 2011, 100, 3405-3410.	3.3	45
26	Physicochemical characterization of a PEGylated liposomal drug formulation using capillary electrophoresis. Electrophoresis, 2011, 32, 738-748.	2.4	45
27	Behaviour of HPMC compacts investigated using UV-imaging. International Journal of Pharmaceutics, 2012, 427, 345-353.	5.2	45
28	In situ characterization of lipidic bupivacaine-loaded formulations. Soft Matter, 2011, 7, 8291.	2.7	43
29	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
30	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
31	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
32	Characterization of Oil-Free and Oil-Loaded Liquid-Crystalline Particles Stabilized by Negatively Charged Stabilizer Citrem. Langmuir, 2012, 28, 11755-11766.	3.5	39
33	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
34	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
35	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
36	Mechanistic Studies of the Effect of Bile Salts on Rhodamine 123 Uptake into RBE4 Cells. Molecular Pharmaceutics, 2012, 9, 29-36.	4.6	37

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37	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
38	UV imaging in pharmaceutical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2018, 147, 140-148.	2.8	36
39	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
40	SNEDDS Containing Poorly Water Soluble Cinnarizine; Development and in Vitro Characterization of Dispersion, Digestion and Solubilization. Pharmaceutics, 2012, 4, 641-665.	4.5	34
41	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
42	Cisplatin Encapsulation Generates Morphologically Different Multicompartments in the Internal Nanostructures of Nonlamellar Liquid-Crystalline Self-Assemblies. Langmuir, 2018, 34, 6570-6581.	3.5	33
43	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
44	Stability, liposome interaction, and in vivo pharmacology of ghrelin in liposomal suspensions. International Journal of Pharmaceutics, 2010, 390, 13-18.	5.2	31
45	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
46	A New Approach to Dissolution Testing by UV Imaging and Finite Element Simulations. Pharmaceutical Research, 2013, 30, 1328-1337.	3.5	31
47	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
48	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
49	Drug release into hydrogel-based subcutaneous surrogates studied by UV imaging. Journal of Pharmaceutical and Biomedical Analysis, 2012, 71, 27-34.	2.8	30
50	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
51	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
52	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
53	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
54	pH-triggered drug release from biodegradable microwells for oral drug delivery. Biomedical Microdevices, 2015, 17, 9958.	2.8	29

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55	Complexation of tauroâ€•and glycoâ€conjugated bile salts with three neutral Î²â€CDs studied by ACE. Electrophoresis, 2007, 28, 3745-3752.	2.4	28
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	Determination of liposomeâ€“buffer distribution coefficients of charged drugs by capillary electrophoresis frontal analysis. Electrophoresis, 2009, 30, 2711-2719.	2.4	22
65	Flow induced dispersion analysis rapidly quantifies proteins in human plasma samples. Analyst, The, 2015, 140, 4365-4369.	3.5	22
66	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
67	Drugâ€“liposome distribution phenomena studied by capillary electrophoresisâ€frontal analysis. Electrophoresis, 2008, 29, 3320-3324.	2.4	21
68	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
69	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
70	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
71	UV Imaging for In Vitro Dissolution and Release Studies: Intial Experiences. Dissolution Technologies, 2014, 21, .	0.6	20
72	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

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73	Diflunisal salts of bupivacaine, lidocaine and morphine. European Journal of Pharmaceutical Sciences, 2007, 31, 172-179.	4.0	18
74	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
75	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
76	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
77	Flow-Induced Dispersion Analysis (FIDA) for Protein Quantification and Characterization. Methods in Molecular Biology, 2019, 1972, 109-123.	0.9	18
78	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
79	Affinity capillary electrophoresis for identification and investigation of human Gcâ€globulin (vitamin) Tj ETQq1 1 0.784314 rgBT /Over	2.4	17
80	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
81	Ghrelinâ€“liposome interactions: Characterization of liposomal formulations of an acylated 28â€amino acid peptide using CE. Electrophoresis, 2010, 31, 339-345.	2.4	17
82	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
83	Formation of Dielectric Layers and Charge Regulation in Protein Adsorption at Biomimetic Interfaces. Langmuir, 2012, 28, 1804-1815.	3.5	17
84	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
85	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
86	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
87	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
88	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
89	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
90	UVâ€“vis Imaging of Piroxicam Supersaturation, Precipitation, and Dissolution in a Flow-Through Setup. Analytical Chemistry, 2018, 90, 6413-6418.	6.5	15

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91	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
92	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
93	Selenium as an alternative peptide label â€“ comparison to fluorophore-labelled penetratin. European Journal of Pharmaceutical Sciences, 2015, 67, 76-84.	4.0	14
94	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
95	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
96	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
97	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
98	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
99	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
100	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
101	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
102	Application of UV Imaging in Formulation Development. Pharmaceutical Research, 2017, 34, 929-940.	3.5	12
103	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
104	Towards in vitro in vivo correlation for modified release subcutaneously administered insulins. European Journal of Pharmaceutical Sciences, 2020, 145, 105239.	4.0	12
105	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
106	Analysis of Proteins in Solution Using Affinity Capillary Electrophoresis. , 2008, 421, 303-338.		12
107	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
108	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

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109	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
110	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
111	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
112	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
113	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
114	An interlaboratory investigation of intrinsic dissolution rate determination using surface dissolution. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 150, 24-32.	4.3	11
115	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
116	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
117	Application of Retention Factors in Affinity Electrokinetic Chromatography and Capillary Electrophoresis. Analytical Sciences, 2007, 23, 489-492.	1.6	10
118	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
119	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
120	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
121	Automated coating procedures to produce poly(ethylene glycol) brushes in fusedâ€silica capillaries. Journal of Separation Science, 2017, 40, 779-788.	2.5	10
122	Protein Characterization in 3D: Size, Folding, and Functional Assessment in a Unified Approach. Analytical Chemistry, 2019, 91, 4975-4979.	6.5	10
123	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
124	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
125	In-Solution IgG Titer Determination in Fermentation Broth Using Affibodies and Flow-Induced Dispersion Analysis. ACS Omega, 2020, 5, 10519-10524.	3.5	10
126	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

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127	Application of UV dissolution imaging to pharmaceutical systems. Advanced Drug Delivery Reviews, 2021, 177, 113949.	13.7	9
128	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
129	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
130	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
131	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
132	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
133	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
134	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
135	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
136	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
137	UV/Vis Spectrophotometry and UV Imaging. Advances in Delivery Science and Technology, 2016, , 3-27.	0.4	5
138	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
139	Stability and perfusion studies of Desmopressin (dDAVP) and prodrugs in the rat jejunum. Experimental and Toxicologic Pathology, 1999, 51, 363-368.	2.1	3
140	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
141	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
142	Manipulating Aggregation Behavior of the Uncharged Peptide Carbetocin. Journal of Pharmaceutical Sciences, 2018, 107, 838-847.	3.3	2
143	Diclofenac Prodrugs for Intra-articular Depot Injectables: InÂVitro Hydrolysis and Species Variation. Journal of Pharmaceutical Sciences, 2020, 109, 1529-1536.	3.3	2
144	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

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145	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
146	Controlled Release - Macromolecular Prodrugs. , 2007, , 379-416.		1
147	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
148	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
149	Assessment of immunogenicity and drug activity in patient sera by flow-induced dispersion analysis. Scientific Reports, 2022, 12, 4670.	3.3	1
150	A capillary-based microfluidic device incorporating optical fibers for flow induced dispersion analysis. , 2013, , .		0
151	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
152	Quantification of Structural Integrity and Stability Using Nanograms of Protein by Flow-Induced Dispersion Analysis. Molecules, 2022, 27, 2506.	3.8	0