Susan W Larsen

List of Publications by Year
in descending order

61 papers	1,567 citations	361388 20 h-index	315719 38 g-index
62 all docs	62 docs citations	62 times ranked	1591 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	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
3	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
4	Real-Time UV Imaging of Nicotine Release from Transdermal Patch. Pharmaceutical Research, 2010, 27, 2614-2623.	3.5	71
5	SPECT/CT imaging of radiolabeled cubosomes and hexosomes forÂpotential theranostic applications. Biomaterials, 2013, 34, 8491-8503.	11.4	71
6	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
7	Measurement of drug diffusivities in pharmaceutical solvents using Taylor dispersion analysis. Journal of Pharmaceutical and Biomedical Analysis, 2012, 61, 176-183.	2.8	53
8	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
9	Critical Factors Influencing the In Vivo Performance of Long-acting Lipophilic Solutionsâ€"Impact on In Vitro Release Method Design. AAPS Journal, 2009, 11, 762-770.	4.4	48
10	Monitoring lidocaine singleâ€crystal dissolution by ultraviolet imaging. Journal of Pharmaceutical Sciences, 2011, 100, 3405-3410.	3.3	45
11	In situ characterization of lipidic bupivacaine-loaded formulations. Soft Matter, 2011, 7, 8291.	2.7	43
12	Characterization of Oil-Free and Oil-Loaded Liquid-Crystalline Particles Stabilized by Negatively Charged Stabilizer Citrem. Langmuir, 2012, 28, 11755-11766.	3.5	39
13	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
14	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
15	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
16	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
17	Drug release into hydrogel-based subcutaneous surrogates studied by UV imaging. Journal of Pharmaceutical and Biomedical Analysis, 2012, 71, 27-34.	2.8	30
18	Kinetics of degradation and oil solubility of ester prodrugs of a model dipeptide (Gly-Phe). European Journal of Pharmaceutical Sciences, 2004, 22, 399-408.	4.0	24

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19	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
20	Drugâ€“liposome distribution phenomena studied by capillary electrophoresisâ€frontal analysis. Electrophoresis, 2008, 29, 3320-3324.	2.4	21
21	Citremâ€“phosphatidylcholine nano-self-assemblies: solubilization of bupivacaine and its role in triggering a colloidal transition from vesicles to cubosomes and hexosomes. Physical Chemistry Chemical Physics, 2019, 21, 15142-15150.	2.8	19
22	Determination of the disappearance rate of iodine-125 labelled oils from the injection site after intramuscular and subcutaneous administration to pigs. International Journal of Pharmaceutics, 2001, 230, 67-75.	5.2	18
23	Kinetics of degradation of 4-imidazolidinone prodrug types obtained from reacting prilocaine with formaldehyde and acetaldehyde. European Journal of Pharmaceutical Sciences, 2003, 20, 233-240.	4.0	18
24	Diflunisal salts of bupivacaine, lidocaine and morphine. European Journal of Pharmaceutical Sciences, 2007, 31, 172-179.	4.0	18
25	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
26	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
27	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
28	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
29	Effect of drug lipophilicity on in vitro release rate from oil vehicles using nicotinic acid esters as model prodrug derivatives. International Journal of Pharmaceutics, 2001, 216, 83-93.	5.2	16
30	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
31	Mechanism of Action of Lung Damage Caused by a Nanofilm Spray Product. Toxicological Sciences, 2014, 140, 436-444.	3.1	16
32	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
33	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
34	UVâ€“vis Imaging of Piroxicam Supersaturation, Precipitation, and Dissolution in a Flow-Through Setup. Analytical Chemistry, 2018, 90, 6413-6418.	6.5	15
35	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
36	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

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37	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
38	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
39	Towards in vitro in vivo correlation for modified release subcutaneously administered insulins. European Journal of Pharmaceutical Sciences, 2020, 145, 105239.	4.0	12
40	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
41	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
42	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
43	In situ monitoring of the formation of lipidic non-lamellar liquid crystalline depot formulations in synovial fluid. Journal of Colloid and Interface Science, 2021, 582, 773-781.	9.4	11
44	Impact of benzalkonium chloride-preserved and preservative-free latanoprost eye drops on cultured human conjunctival goblet cells upon acute exposure and differences in physicochemical properties of the eye drops. BMJ Open Ophthalmology, 2021, 6, e000892.	1.6	11
45	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
46	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
47	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
48	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
49	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
50	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
51	Generic benzalkonium chlorideâ€preserved travoprost eye drops are not identical to the branded polyquarteriumâ€1â€preserved travoprost eye drop. Acta Ophthalmologica, 2022, 100, 819-827.	1.1	6
52	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
53	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
54	Oily (Lipophilic) Solutions and Suspensions. , 2012, , 113-135.		4

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55	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
56	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
57	Diclofenac Prodrugs for Intra-articular Depot Injectables: InÂVitro Hydrolysis and Species Variation. Journal of Pharmaceutical Sciences, 2020, 109, 1529-1536.	3.3	2
58	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
59	Controlled Release - Macromolecular Prodrugs. , 2007, , 379-416.		1
60	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
61	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