Susanna AbrahmsÃ©n-Alami

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8471912/publications.pdf

Version: 2024-02-01

29	924	394421	477307
papers	citations	19	29
		h-index	g-index

30	30	30	981
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review of PAT Strategies in Secondary Solid Oral Dosage Manufacturing of Small Molecules. Journal of Pharmaceutical Sciences, 2017, 106, 667-712.	3.3	72
2	The influence of hydroxypropyl methylcellulose (HPMC) molecular weight, concentration and effect of food on in vivo erosion behavior of HPMC matrix tablets. Journal of Controlled Release, 2014, 187, 50-58.	9.9	70
3	Simultaneous probing of swelling, erosion and dissolution by NMR-microimagingâ€"Effect of solubility of additives on HPMC matrix tablets. European Journal of Pharmaceutical Sciences, 2009, 37, 89-97.	4.0	66
4	1H NMR Self-Diffusion and Multifield 2H Spin Relaxation Study of Model Associative Polymer and Sodium Dodecyl Sulfate Aggregation in Aqueous Solution. The Journal of Physical Chemistry, 1994, 98, 6359-6367.	2.9	65
5	The influence of crystallization inhibition of HPMC and HPMCAS on model substance dissolution and release in swellable matrix tablets. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 78, 125-133.	4.3	57
6	Continuous manufacturing of extended release tablets via powder mixing and direct compression. International Journal of Pharmaceutics, 2015, 495, 290-301.	5.2	53
7	New release cell for NMR microimaging of tablets. International Journal of Pharmaceutics, 2007, 342, 105-114.	5.2	46
8	The Lyotropic Cubic Phase of Model Associative Polymers: Small-Angle X-Ray Scattering (SAXS), Differential Scanning Calorimetry (DSC), and Turbidity Measurements. Journal of Colloid and Interface Science, 1996, 179, 20-33.	9.4	44
9	A mechanistic modelling approach to polymer dissolution using magnetic resonance microimaging. Journal of Controlled Release, 2010, 147, 232-241.	9.9	43
10	The Impact of Dose and Solubility of Additives on the Release from HPMC Matrix Tabletsâ€"Identifying Critical Conditions. Pharmaceutical Research, 2009, 26, 1496-1503.	3.5	40
11	Therapy for the individual: Towards patient integration into the manufacturing and provision of pharmaceuticals. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 149, 58-76.	4.3	37
12	Mechanistic modelling of drug release from a polymer matrix using magnetic resonance microimaging. European Journal of Pharmaceutical Sciences, 2013, 48, 698-708.	4.0	33
13	Influence of Substitution Pattern on Solution Behavior of Hydroxypropyl Methylcellulose. Biomacromolecules, 2009, 10, 522-529.	5.4	30
14	Effects of HPMC substituent pattern on water up-take, polymer and drug release: An experimental and modelling study. International Journal of Pharmaceutics, 2017, 528, 705-713.	5.2	29
15	Provoking an end-to-end continuous direct compression line with raw materials prone to segregation. European Journal of Pharmaceutical Sciences, 2017, 109, 514-524.	4.0	28
16	Release of theophylline and carbamazepine from matrix tablets â€“ Consequences of HPMC chemical heterogeneity. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 78, 470-479.	4.3	26
17	Comparison between integrated continuous direct compression line and batch processing â€“ The effect of raw material properties. European Journal of Pharmaceutical Sciences, 2019, 133, 40-53.	4.0	26
18	Structure and mobility in water plasticized poly(ethylene oxide). Polymer, 2007, 48, 3294-3305.	3.8	25

#	Article	IF	Citations
19	Monitoring of swelling of hydrophilic polymer matrix tablets by ultrasound techniques. International Journal of Pharmaceutics, 2011, 404, 142-147.	5.2	20
20	Roller Compaction of Hydrophilic Extended Release Tabletsâ€"Combined Effects of Processing Variables and Drug/Matrix Former Particle Size. AAPS PharmSciTech, 2015, 16, 267-277.	3.3	19
21	Dissolution Rate Enhancement of Parabens in PEG Solid Dispersions and Its Influence on the Release from Hydrophilic Matrix Tablets. Journal of Pharmaceutical Sciences, 2011, 100, 275-283.	3.3	16
22	High Content Solid Dispersions for Dose Window Extension: A Basis for Design Flexibility in Fused Deposition Modelling. Pharmaceutical Research, 2020, 37, 9.	3.5	15
23	Transport properties of water in hydroxypropyl methylcellulose. European Polymer Journal, 2009, 45, 2812-2820.	5.4	13
24	Independent Tailoring of Dose and Drug Release via a Modularized Product Design Concept for Mass Customization. Pharmaceutics, 2020, 12, 771.	4.5	13
25	Achieving a robust drug release from extended release tablets using an integrated continuous mixing and direct compression line. International Journal of Pharmaceutics, 2016, 511, 659-668.	5.2	11
26	Water Self-Diffusion in Aqueous Associative Polymer Solutions. The Journal of Physical Chemistry, 1996, 100, 6691-6697.	2.9	9
27	Enabling modular dosage form concepts for individualized multidrug therapy: Expanding the design window for poorly water-soluble drugs. International Journal of Pharmaceutics, 2021, 602, 120625.	5.2	8
28	Real time MRI to elucidate the functionality of coating films intended for modified release. Journal of Controlled Release, 2019, 311-312, 117-124.	9.9	3
29	Injection moulded controlled release amorphous solid dispersions: Synchronized drug and polymer release for robust performance. International Journal of Pharmaceutics, 2020, 575, 118908.	5.2	3