

Edit Hirsch

List of Publications by Year in descending order

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18
papers

478
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759055

12
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839398

18
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18
all docs

18
docs citations

18
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Scale-up of electrospinning technology: Applications in the pharmaceutical industry. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2020, 12, e1611.	3.3	120
2	Drying technology strategies for colon-targeted oral delivery of biopharmaceuticals. Journal of Controlled Release, 2019, 296, 162-178.	4.8	74
3	Continuous alternative to freeze drying: Manufacturing of cyclodextrin-based reconstitution powder from aqueous solution using scaled-up electrospinning. Journal of Controlled Release, 2019, 298, 120-127.	4.8	47
4	Inline noninvasive Raman monitoring and feedback control of glucose concentration during ethanol fermentation. Biotechnology Progress, 2019, 35, e2848.	1.3	31
5	On-line prediction of the glucose concentration of CHO cell cultivations by NIR and Raman spectroscopy: Comparative scalability test with a shake flask model system. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 346-355.	1.4	28
6	Scaled-Up Production and Tableting of Grindable Electrospun Fibers Containing a Protein-Type Drug. Pharmaceutics, 2019, 11, 329.	2.0	24
7	Probiotic bacteria stabilized in orally dissolving nanofibers prepared by high-speed electrospinning. Food and Bioprocess Technology, 2021, 128, 84-94.	1.8	23
8	Continuous drying of a protein-type drug using scaled-up fiber formation with HP- β -CD matrix resulting in a directly compressible powder for tableting. European Journal of Pharmaceutical Sciences, 2020, 141, 105089.	1.9	21
9	Continuous Formulation Approaches of Amorphous Solid Dispersions: Significance of Powder Flow Properties and Feeding Performance. Pharmaceutics, 2019, 11, 654.	2.0	20
10	Real-time amino acid and glucose monitoring system for the automatic control of nutrient feeding in CHO cell culture using Raman spectroscopy. Biotechnology Journal, 2022, 17, e2100395.	1.8	17
11	Raman-based dynamic feeding strategies using real-time glucose concentration monitoring system during adalimumab producing CHO cell cultivation. Biotechnology Progress, 2020, 36, e3052.	1.3	13
12	A solid doxycycline HP- β -CD formulation for reconstitution (i.v. bolus) prepared by scaled-up electrospinning. International Journal of Pharmaceutics, 2020, 586, 119539.	2.6	12
13	Raman-Based Feedback Control of the Enzymatic Hydrolysis of Lactose. Organic Process Research and Development, 2016, 20, 1721-1727.	1.3	11
14	Monoclonal antibody formulation manufactured by high-speed electrospinning. International Journal of Pharmaceutics, 2020, 591, 120042.	2.6	10
15	Electrospun Solid Formulation of Anaerobic Gut Microbiome Bacteria. AAPS PharmSciTech, 2020, 21, 214.	1.5	8
16	Continuous downstream processing of milled electrospun fibers to tablets monitored by near-infrared and Raman spectroscopy. European Journal of Pharmaceutical Sciences, 2021, 164, 105907.	1.9	7
17	Synthesis and transport studies of new enantiopure lipophilic crown ethers containing a diarylphosphinic acid unit. Tetrahedron: Asymmetry, 2014, 25, 1443-1449.	1.8	6
18	Synthesis and enantioselective transport studies of optically active lipophilic proton-ionizable crown ethers containing a diarylphosphinic acid unit. Tetrahedron: Asymmetry, 2015, 26, 650-656.	1.8	6