

Zsombor Kristóf Nagy

List of Publications by Year in descending order

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129
papers

4,240
citations

100601

38
h-index

156644

58
g-index

129
all docs

129
docs citations

129
times ranked

4103
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of fast-dissolving dosage forms of curcuminoids by electrospinning for potential tumor therapy application. <i>International Journal of Pharmaceutics</i> , 2022, 611, 121327.	2.6	7
2	In-line particle size measurement based on image analysis in a fully continuous granule manufacturing line for rapid process understanding and development. <i>International Journal of Pharmaceutics</i> , 2022, 612, 121280.	2.6	6
3	Powder filling of electrospun material in vials: A proof-of-concept study. <i>International Journal of Pharmaceutics</i> , 2022, 613, 121413.	2.6	1
4	Flux-Based Formulation Development – A Proof of Concept Study. <i>AAPS Journal</i> , 2022, 24, 22.	2.2	3
5	Real-time amino acid and glucose monitoring system for the automatic control of nutrient feeding in CHO cell culture using Raman spectroscopy. <i>Biotechnology Journal</i> , 2022, 17, e2100395.	1.8	17
6	Raman mapping-based non-destructive dissolution prediction of sustained-release tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 212, 114661.	1.4	18
7	Implementation of sonicated continuous plug flow crystallization technology for processing of acetylsalicylic acid reaction mixture. <i>Powder Technology</i> , 2022, 400, 117255.	2.1	4
8	Raman-based real-time dissolution prediction using a deterministic permeation model. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121624.	2.6	7
9	Real-Time Monitoring of Continuous Pharmaceutical Mixed Suspension Mixed Product Removal Crystallization Using Image Analysis. <i>Organic Process Research and Development</i> , 2022, 26, 149-158.	1.3	3
10	A Critical Overview of the Biological Effects of Excipients (Part I): Impact on Gastrointestinal Absorption. <i>AAPS Journal</i> , 2022, 24, 60.	2.2	5
11	UV/VIS imaging-based PAT tool for drug particle size inspection in intact tablets supported by pattern recognition neural networks. <i>International Journal of Pharmaceutics</i> , 2022, 620, 121773.	2.6	9
12	Application of Artificial Neural Networks in the Process Analytical Technology of Pharmaceutical Manufacturing – a Review. <i>AAPS Journal</i> , 2022, 24, .	2.2	18
13	Soft sensor for content prediction in an integrated continuous pharmaceutical formulation line based on the residence time distribution of unit operations. <i>International Journal of Pharmaceutics</i> , 2022, 624, 121950.	2.6	4
14	Modeling of pharmaceutical filtration and continuous integrated crystallization-filtration processes. <i>Chemical Engineering Journal</i> , 2021, 413, 127566.	6.6	21
15	Integrated twin-screw wet granulation, continuous vibrational fluid drying and milling: A fully continuous powder to granule line. <i>International Journal of Pharmaceutics</i> , 2021, 594, 120126.	2.6	16
16	Comparison of Amorphous Solid Dispersions of Spironolactone Prepared by Spray Drying and Electrospinning: The Influence of the Preparation Method on the Dissolution Properties. <i>Molecular Pharmaceutics</i> , 2021, 18, 317-327.	2.3	12
17	Towards more accurate solubility measurements with real time monitoring: a carvedilol case study. <i>New Journal of Chemistry</i> , 2021, 45, 11618-11625.	1.4	7
18	Integrated Continuous Pharmaceutical Technologies – A Review. <i>Organic Process Research and Development</i> , 2021, 25, 721-739.	1.3	72

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19	Real-time release testing of dissolution based on surrogate models developed by machine learning algorithms using NIR spectra, compression force and particle size distribution as input data. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120338.	2.6	42
20	Continuous blending monitored and feedback controlled by machine vision-based PAT tool. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 196, 113902.	1.4	9
21	Applications of machine vision in pharmaceutical technology: A review. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 159, 105717.	1.9	50
22	Image Analysis: A Versatile Tool in the Manufacturing and Quality Control of Pharmaceutical Dosage Forms. <i>Pharmaceutics</i> , 2021, 13, 685.	2.0	16
23	Sulfobutylether-beta-cyclodextrin-enabled antiviral remdesivir: Characterization of electrospun- and lyophilized formulations. <i>Carbohydrate Polymers</i> , 2021, 264, 118011.	5.1	35
24	Probiotic bacteria stabilized in orally dissolving nanofibers prepared by high-speed electrospinning. <i>Food and Bioproducts Processing</i> , 2021, 128, 84-94.	1.8	23
25	Development of a triple impinging jet mixer for continuous antisolvent crystallization of acetylsalicylic acid reaction mixture. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 165, 108446.	1.8	13
26	Combination of PAT and mechanistic modeling tools in a fully continuous powder to granule line: Rapid and deep process understanding. <i>Powder Technology</i> , 2021, 388, 70-81.	2.1	14
27	Dynamic flowsheet model development and digital design of continuous pharmaceutical manufacturing with dissolution modeling of the final product. <i>Chemical Engineering Journal</i> , 2021, 419, 129947.	6.6	13
28	Indirect monitoring of ultralow dose API content in continuous wet granulation and tableting by machine vision. <i>International Journal of Pharmaceutics</i> , 2021, 607, 121008.	2.6	7
29	Photocatalytic Crystalline and Amorphous TiO ₂ Nanotubes Prepared by Electrospinning and Atomic Layer Deposition. <i>Molecules</i> , 2021, 26, 5917.	1.7	11
30	Continuous downstream processing of milled electrospun fibers to tablets monitored by near-infrared and Raman spectroscopy. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 164, 105907.	1.9	7
31	Digital twin of low dosage continuous powder blending – Artificial neural networks and residence time distribution models. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 169, 64-77.	2.0	11
32	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. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 141, 105089.	1.9	21
33	Scale-up of electrospinning technology: Applications in the pharmaceutical industry. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1611.	3.3	120
34	Polymorphic Concentration Control for Crystallization Using Raman and Attenuated Total Reflectance Ultraviolet Visible Spectroscopy. <i>Crystal Growth and Design</i> , 2020, 20, 73-86.	1.4	11
35	<sc>Raman-based</sc> dynamic feeding strategies using real-time glucose concentration monitoring system during adalimumab producing <sc>CHO</sc> cell cultivation. <i>Biotechnology Progress</i> , 2020, 36, e3052.	1.3	13
36	Monoclonal antibody formulation manufactured by high-speed electrospinning. <i>International Journal of Pharmaceutics</i> , 2020, 591, 120042.	2.6	10

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37	Process Design of Continuous Powder Blending Using Residence Time Distribution and Feeding Models. <i>Pharmaceutics</i> , 2020, 12, 1119.	2.0	17
38	Electrospun Solid Formulation of Anaerobic Gut Microbiome Bacteria. <i>AAPS PharmSciTech</i> , 2020, 21, 214.	1.5	8
39	Continuous Manufacturing of Homogeneous Ultralow-Dose Granules by Twin-Screw Wet Granulation. <i>Periodica Polytechnica: Chemical Engineering</i> , 2020, 64, 391-400.	0.5	8
40	Direct Processing of a Flow Reaction Mixture Using Continuous Mixed Suspension Mixed Product Removal Crystallizer. <i>Crystal Growth and Design</i> , 2020, 20, 4433-4442.	1.4	12
41	A solid doxycycline HP- β -CD formulation for reconstitution (i.v. bolus) prepared by scaled-up electrospinning. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119539.	2.6	12
42	Analysis and prediction of the diameter and orientation of AC electrospun nanofibers by response surface methodology. <i>Materials and Design</i> , 2020, 194, 108902.	3.3	31
43	Frequency and waveform dependence of alternating current electrospinning and their uses for drug dissolution enhancement. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119593.	2.6	14
44	Digital UV/VIS imaging: A rapid PAT tool for crushing strength, drug content and particle size distribution determination in tablets. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119174.	2.6	29
45	Effects of thermal annealing and solvent-induced crystallization on the structure and properties of poly(lactic acid) microfibrils produced by high-speed electrospinning. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 581-594.	2.0	17
46	Videometric mass flow control: A new method for real-time measurement and feedback control of powder micro-feeding based on image analysis. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119223.	2.6	16
47	End-to-end continuous manufacturing of conventional compressed tablets: From flow synthesis to tableting through integrated crystallization and filtration. <i>International Journal of Pharmaceutics</i> , 2020, 581, 119297.	2.6	42
48	Revisit of solubility of oxytetracycline polymorphs. An old story in the light of new results. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 149, 105328.	1.9	8
49	Folyamatos kristályosítási technológiák fejlesztése egy flow szintézissel előállított reakcióelegy direct feldolgozásához. , 2020, , .		0
50	Fast, Spectroscopy-Based Prediction of In Vitro Dissolution Profile of Extended Release Tablets Using Artificial Neural Networks. <i>Pharmaceutics</i> , 2019, 11, 400.	2.0	27
51	Electrospun amorphous solid dispersions of meloxicam: Influence of polymer type and downstream processing to orodispersible dosage forms. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118593.	2.6	27
52	Scaled-Up Production and Tableting of Grindable Electrospun Fibers Containing a Protein-Type Drug. <i>Pharmaceutics</i> , 2019, 11, 329.	2.0	24
53	Data fusion strategies for performance improvement of a Process Analytical Technology platform consisting of four instruments: An electrospinning case study. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118473.	2.6	17
54	Prediction of Bioequivalence and Food Effect Using Flux- and Solubility-Based Methods. <i>Molecular Pharmaceutics</i> , 2019, 16, 4121-4130.	2.3	26

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55	Drying technology strategies for colon-targeted oral delivery of biopharmaceuticals. <i>Journal of Controlled Release</i> , 2019, 296, 162-178.	4.8	74
56	Continuous manufacturing of orally dissolving webs containing a poorly soluble drug via electrospinning. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 130, 91-99.	1.9	29
57	Application of artificial neural networks for Process Analytical Technology-based dissolution testing. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118464.	2.6	52
58	3D floating tablets: Appropriate 3D design from the perspective of different in vitro dissolution testing methodologies. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118433.	2.6	27
59	Inline noninvasive Raman monitoring and feedback control of glucose concentration during ethanol fermentation. <i>Biotechnology Progress</i> , 2019, 35, e2848.	1.3	31
60	Corona alternating current electrospinning: A combined approach for increasing the productivity of electrospinning. <i>International Journal of Pharmaceutics</i> , 2019, 561, 219-227.	2.6	39
61	Continuous alternative to freeze drying: Manufacturing of cyclodextrin-based reconstitution powder from aqueous solution using scaled-up electrospinning. <i>Journal of Controlled Release</i> , 2019, 298, 120-127.	4.8	47
62	Thermal properties of electrospun polyvinylpyrrolidone/titanium tetraisopropoxide composite nanofibers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 1249-1254.	2.0	21
63	Continuous Formulation Approaches of Amorphous Solid Dispersions: Significance of Powder Flow Properties and Feeding Performance. <i>Pharmaceutics</i> , 2019, 11, 654.	2.0	20
64	Raman Spectroscopy for Process Analytical Technologies of Pharmaceutical Secondary Manufacturing. <i>AAPS PharmSciTech</i> , 2019, 20, 1.	1.5	126
65	The applicability of pharmaceutical polymeric blends for the fused deposition modelling (FDM) 3D technique: Material considerationsâ€“printabilityâ€“process modulation, with consecutive effects on in vitro release, stability and degradation. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 129, 110-123.	1.9	106
66	The effect of formulation additives on in vitro dissolution-absorption profile and in vivo bioavailability of telmisartan from brand and generic formulations. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 114, 310-317.	1.9	33
67	Pharmaceutical and Macromolecular Technologies in the Spirit of Industry 4.0. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 62, .	0.5	7
68	Preparation and Characterization of Biocompatible Electrospun Nanofiber Scaffolds. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 62, .	0.5	6
69	Medicated Straws Based on Electrospun Solid Dispersions. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 62, 310-316.	0.5	7
70	Homogenization of Amorphous Solid Dispersions Prepared by Electrospinning in Low-Dose Tablet Formulation. <i>Pharmaceutics</i> , 2018, 10, 114.	2.0	14
71	Effect of Formulation Additives on Drug Transport through Size-Exclusion Membranes. <i>Molecular Pharmaceutics</i> , 2018, 15, 3308-3317.	2.3	13
72	Spectroscopic characterization of tablet properties in a continuous powder blending and tableting process. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 10-19.	1.9	19

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73	Continuous end-to-end production of solid drug dosage forms: Coupling flow synthesis and formulation by electrospinning. <i>Chemical Engineering Journal</i> , 2018, 350, 290-299.	6.6	57
74	Real-time feedback control of twin-screw wet granulation based on image analysis. <i>International Journal of Pharmaceutics</i> , 2018, 547, 360-367.	2.6	36
75	Application of hydroxypropyl methylcellulose as a protective agent against magnesium stearate induced crystallization of amorphous itraconazole. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 121, 301-308.	1.9	11
76	Oral bioavailability enhancement of flubendazole by developing nanofibrous solid dosage forms. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1126-1133.	0.9	22
77	Novel Alternating Current Electrospinning of Hydroxypropylmethylcellulose Acetate Succinate (HPMCAS) Nanofibers for Dissolution Enhancement: The Importance of Solution Conductivity. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1634-1643.	1.6	28
78	Development and tableting of directly compressible powder from electrospun nanofibrous amorphous solid dispersion. <i>Advanced Powder Technology</i> , 2017, 28, 1554-1563.	2.0	27
79	TiO ₂ /ZnO and ZnO/TiO ₂ core/shell nanofibers prepared by electrospinning and atomic layer deposition for photocatalysis and gas sensing. <i>Applied Surface Science</i> , 2017, 424, 190-197.	3.1	59
80	Variable clustering and spectral angle mapperâ€œorthogonal projection method for Raman mapping of compound detection in tablets. <i>Journal of Chemometrics</i> , 2017, 31, e2861.	0.7	9
81	Investigation of Deteriorated Dissolution of Amorphous Itraconazole: Description of Incompatibility with Magnesium Stearate and Possible Solutions. <i>Molecular Pharmaceutics</i> , 2017, 14, 3927-3934.	2.3	16
82	Systematic model identification and optimization-based active polymorphic control of crystallization processes. <i>Chemical Engineering Science</i> , 2017, 174, 374-386.	1.9	29
83	In-line Raman spectroscopic monitoring and feedback control of a continuous twin-screw pharmaceutical powder blending and tableting process. <i>International Journal of Pharmaceutics</i> , 2017, 530, 21-29.	2.6	82
84	Controlled-release solid dispersions of Eudragit® FS 100 and poorly soluble spironolactone prepared by electrospinning and melt extrusion. <i>European Polymer Journal</i> , 2017, 95, 406-417.	2.6	42
85	Quantification and handling of nonlinearity in Raman micro-spectrometry of pharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 236-246.	1.4	12
86	Investigation and Mathematical Description of the Real Driving Force of Passive Transport of Drug Molecules from Supersaturated Solutions. <i>Molecular Pharmaceutics</i> , 2016, 13, 3816-3826.	2.3	62
87	Raman-Based Feedback Control of the Enzymatic Hydrolysis of Lactose. <i>Organic Process Research and Development</i> , 2016, 20, 1721-1727.	1.3	11
88	Bioimprinted lipases in PVA nanofibers as efficient immobilized biocatalysts. <i>Tetrahedron</i> , 2016, 72, 7335-7342.	1.0	38
89	Lubricant-Induced Crystallization of Itraconazole From Tablets Made of Electrospun Amorphous Solid Dispersion. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2982-2988.	1.6	31
90	AC and DC electrospinning of hydroxypropylmethylcellulose with polyethylene oxides as secondary polymer for improved drug dissolution. <i>International Journal of Pharmaceutics</i> , 2016, 505, 159-166.	2.6	44

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91	Electrospun polylactic acid and polyvinyl alcohol fibers as efficient and stable nanomaterials for immobilization of lipases. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 449-459.	1.7	38
92	Corona-electrospinning: Needleless method for high-throughput continuous nanofiber production. <i>European Polymer Journal</i> , 2016, 74, 279-286.	2.6	82
93	Detailed stability investigation of amorphous solid dispersions prepared by single-needle and high speed electrospinning. <i>International Journal of Pharmaceutics</i> , 2016, 498, 234-244.	2.6	49
94	Comparison of multivariate linear regression methods in micro-Raman spectrometric quantitative characterization. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 566-576.	1.2	19
95	Stable formulation of protein-type drug in electrospun polymeric fiber followed by tableting and scaling-up experiments. <i>Polymers for Advanced Technologies</i> , 2015, 26, 1461-1467.	1.6	20
96	Film Coating as a New Approach to Prepare Tablets Containing Long-Term Stable <i>Lactobacillus acidophilus</i> . <i>Periodica Polytechnica: Chemical Engineering</i> , 2015, 59, 96-103.	0.5	5
97	Preparation and comparison of spray dried and electrospun bioresorbable drug delivery systems. <i>European Polymer Journal</i> , 2015, 68, 671-679.	2.6	32
98	Melt-Blown and Electrospun Drug-Loaded Polymer Fiber Mats for Dissolution Enhancement: A Comparative Study. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 1767-1776.	1.6	66
99	High speed electrospinning for scaled-up production of amorphous solid dispersion of itraconazole. <i>International Journal of Pharmaceutics</i> , 2015, 480, 137-142.	2.6	155
100	Quantification of low drug concentration in model formulations with multivariate analysis using surface enhanced Raman chemical imaging. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 318-324.	1.4	9
101	Comparison of spray drying, electroblowing and electrospinning for preparation of Eudragit E and itraconazole solid dispersions. <i>International Journal of Pharmaceutics</i> , 2015, 494, 23-30.	2.6	44
102	In vitro dissolution and permeation evaluation of an electrospun cyclodextrin-based formulation of aripiprazole using $\frac{1}{4}$ Flux. <i>International Journal of Pharmaceutics</i> , 2015, 491, 180-189.	2.6	58
103	Electroblowing and electrospinning of fibrous diclofenac sodium-cyclodextrin complex-based reconstitution injection. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 26, 28-34.	1.4	49
104	Downstream processing of polymer-based amorphous solid dispersions to generate tablet formulations. <i>International Journal of Pharmaceutics</i> , 2015, 486, 268-286.	2.6	132
105	Alternating current electrospinning for preparation of fibrous drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2015, 495, 75-80.	2.6	49
106	Periodic steady-state flow crystallization of a pharmaceutical drug using MSMRP operation. <i>Chemical Engineering and Processing: Process Intensification</i> , 2015, 97, 195-212.	1.8	56
107	Feedback Control of Oximation Reaction by Inline Raman Spectroscopy. <i>Organic Process Research and Development</i> , 2015, 19, 189-195.	1.3	22
108	Effect of supercritical CO ₂ plasticization on the degradation and residual crystallinity of melt-extruded spironolactone. <i>Polymers for Advanced Technologies</i> , 2014, 25, 1135-1144.	1.6	7

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109	Controlled Formation of Free-Flowing Carvedilol Particles in the Presence of Polyvinylpyrrolidone. <i>Chemical Engineering and Technology</i> , 2014, 37, 249-256.	0.9	2
110	Application of quantitative Raman spectroscopy for the monitoring of polymorphic transformation in crystallization processes using a good calibration practice procedure. <i>Chemical Engineering Research and Design</i> , 2014, 92, 594-611.	2.7	71
111	Synthesis of an Aza Chiral Crown Ether Grafted to Nanofibrous Silica Support and Application in Asymmetric Michael Addition. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 713-721.	1.9	12
112	Plasticized Drug-Loaded Melt Electrospun Polymer Mats: Characterization, Thermal Degradation, and Release Kinetics. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1278-1287.	1.6	60
113	Predicting final product properties of melt extruded solid dispersions from process parameters using Raman spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 166-177.	1.4	25
114	Polymer-free and polyvinylpyrrolidone-based electrospun solid dosage forms for drug dissolution enhancement. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 49, 595-602.	1.9	66
115	Polymer structure and antimicrobial activity of polyvinylpyrrolidone-based iodine nanofibers prepared with high-speed rotary spinning technique. <i>International Journal of Pharmaceutics</i> , 2013, 458, 99-103.	2.6	67
116	Implementation of Raman Signal Feedback to Perform Controlled Crystallization of Carvedilol. <i>Organic Process Research and Development</i> , 2013, 17, 493-499.	1.3	47
117	Solvent-Free Melt Electrospinning for Preparation of Fast Dissolving Drug Delivery System and Comparison with Solvent-Based Electrospun and Melt Extruded Systems. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 508-517.	1.6	117
118	Supramolecular elucidation of the quality attributes of microcrystalline cellulose and isomalt composite pellet cores. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 84, 124-128.	1.4	13
119	Monitoring of the combined cooling and antisolvent crystallisation of mixtures of aminobenzoic acid isomers using ATR-UV/vis spectroscopy and FBRM. <i>Chemical Engineering Science</i> , 2012, 77, 122-129.	1.9	43
120	In-Line Monitoring of Carvedilol Crystallization Using Raman Spectroscopy. <i>Crystal Growth and Design</i> , 2012, 12, 5621-5628.	1.4	27
121	Dissolution Profile of Novel Composite Pellet Cores Based on Different Ratios of Microcrystalline Cellulose and Isomalt. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 2675-2680.	1.6	6
122	Use of supercritical CO ₂ -aided and conventional melt extrusion for enhancing the dissolution rate of an active pharmaceutical ingredient. <i>Polymers for Advanced Technologies</i> , 2012, 23, 909-918.	1.6	25
123	Skin-PAMPA: A new method for fast prediction of skin penetration. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 45, 698-707.	1.9	140
124	Laboratory synthesis of carbon nanostructured materials using natural gas. <i>Materials Letters</i> , 2012, 79, 35-38.	1.3	3
125	Comparison of Electrospun and Extruded Soluplus®-Based Solid Dosage Forms of Improved Dissolution. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 322-332.	1.6	185
126	Characterization of melt extruded and conventional Isoptin formulations using Raman chemical imaging and chemometrics. <i>International Journal of Pharmaceutics</i> , 2011, 419, 107-113.	2.6	47

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127	Characterization of drug-cyclodextrin formulations using Raman mapping and multivariate curve resolution. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 38-44.	1.4	33
128	Comparison of chemometric methods in the analysis of pharmaceuticals with hyperspectral Raman imaging. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1977-1986.	1.2	80
129	Interfaces in Multiphase Polymers and Nanomedicines. <i>Materials Science Forum</i> , 0, 714, 211-215.	0.3	1