

Qinglin Su

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

511
citations

759233

12
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Commercialization of an End-to-End Continuous Pharmaceutical Production Process: A Pilot Plant Case Study. <i>Organic Process Research and Development</i> , 2020, 24, 2874-2889.	2.7	33
2	Design of condition-based maintenance framework for process operations management in pharmaceutical continuous manufacturing. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119621.	5.2	18
3	Continuous reactive crystallization of an API in PFR-CSTR cascade with in-line PATs. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1950-1962.	3.7	13
4	Continuous Feeding-Blending in Pharmaceutical Continuous Manufacturing. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2020, , 193-226.	0.6	3
5	Advancing smart manufacturing in the pharmaceutical industry. , 2020, , 21-57.		4
6	Active Process Control in Pharmaceutical Continuous Manufacturing – The Quality by Control (QbC) Paradigm. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2020, , 395-427.	0.6	1
7	A Quality-by-Control Approach in Pharmaceutical Continuous Manufacturing of Oral Solid Dosage via Direct Compaction. <i>Computer Aided Chemical Engineering</i> , 2019, 46, 1327-1332.	0.5	1
8	Steady-State Data Reconciliation Framework for a Direct Continuous Tableting Line. <i>Journal of Pharmaceutical Innovation</i> , 2019, 14, 221-238.	2.4	6
9	Sensor Network Robustness Using Model-Based Data Reconciliation for Continuous Tablet Manufacturing. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2599-2612.	3.3	8
10	A perspective on Quality-by-Control (QbC) in pharmaceutical continuous manufacturing. <i>Computers and Chemical Engineering</i> , 2019, 125, 216-231.	3.8	110
11	Data reconciliation in the Quality-by-Design (QbD) implementation of pharmaceutical continuous tablet manufacturing. <i>International Journal of Pharmaceutics</i> , 2019, 563, 259-272.	5.2	26
12	Robust state estimation of feeding&blending systems in continuous pharmaceutical manufacturing. <i>Chemical Engineering Research and Design</i> , 2018, 134, 140-153.	5.6	22
13	Variation and Risk Analysis in Tablet Press Control for Continuous Manufacturing of Solid Dosage via Direct Compaction. <i>Computer Aided Chemical Engineering</i> , 2018, 44, 679-684.	0.5	10
14	Resilience and risk analysis of fault-tolerant process control design in continuous pharmaceutical manufacturing. <i>Journal of Loss Prevention in the Process Industries</i> , 2018, 55, 411-422.	3.3	13
15	Integrated B2&NMPC control strategy for batch/semibatch crystallization processes. <i>AIChE Journal</i> , 2017, 63, 5007-5018.	3.6	17
16	A Systematic Framework for Process Control Design and Risk Analysis in Continuous Pharmaceutical Solid-Dosage Manufacturing. <i>Journal of Pharmaceutical Innovation</i> , 2017, 12, 327-346.	2.4	30
17	Mathematical modelling and experimental validation of a novel periodic flow crystallization using MSM&R crystallizers. <i>AIChE Journal</i> , 2017, 63, 1313-1327.	3.6	38
18	Dynamic impact milling model with a particle-scale breakage kernel. <i>Computer Aided Chemical Engineering</i> , 2016, , 475-480.	0.5	4

#	ARTICLE	IF	CITATIONS
19	Modeling the electrostatic effect on the hydrodynamic behavior in FCC risers: From understanding to application. <i>Particuology</i> , 2016, 25, 122-132.	3.6	7
20	Pharmaceutical crystallisation processes from batch to continuous operation using MSMPR stages: Modelling, design, and control. <i>Chemical Engineering and Processing: Process Intensification</i> , 2015, 89, 41-53.	3.6	102
21	Simultaneous design and control framework for multi-segment multi-addition plug-flow crystallizer for anti-solvent crystallizations. , 2015, , .		2
22	Mathematical Modeling, Design, and Optimization of a Multisegment Multiaddition Plug-Flow Crystallizer for Antisolvent Crystallizations. <i>Organic Process Research and Development</i> , 2015, 19, 1859-1870.	2.7	43