

Jeroen K Jordens

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

664
citations

516710

16
h-index

752698

20
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20
all docs

20
docs citations

20
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of ultrasonic irradiation on crystallization kinetics, morphological and structural properties of zeolite FAU. <i>Ultrasonics Sonochemistry</i> , 2020, 64, 105010.	8.2	15
2	Milk homogenization monitoring: Fat globule size estimation from scattering spectra of milk. <i>Innovative Food Science and Emerging Technologies</i> , 2020, 60, 102311.	5.6	12
3	A Mathematical Model of the Ultrasound-Assisted Continuous Tubular Crystallization of Aspirin. <i>Crystal Growth and Design</i> , 2019, 19, 5111-5122.	3.0	7
4	Sonocrystallisation: Observations, theories and guidelines. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 139, 130-154.	3.6	44
5	Ultrasound-assisted emerging technologies for chemical processes. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1219-1227.	3.2	33
6	Applications of ultrasound to chiral crystallization, resolution and deracemization. <i>Ultrasonics Sonochemistry</i> , 2018, 43, 184-192.	8.2	32
7	Reducing the Induction Time Using Ultrasound and High-Shear Mixing in a Continuous Crystallization Process. <i>Crystals</i> , 2018, 8, 326.	2.2	23
8	Energy efficient crystallization of paracetamol using pulsed ultrasound. <i>Chemical Engineering and Processing: Process Intensification</i> , 2017, 114, 55-66.	3.6	39
9	Particle Size Control during Ultrasonic Cooling Crystallization of Paracetamol. <i>Chemical Engineering and Technology</i> , 2017, 40, 1300-1308.	1.5	21
10	Agglomeration Control during Ultrasonic Crystallization of an Active Pharmaceutical Ingredient. <i>Crystals</i> , 2017, 7, 40.	2.2	47
11	Ultrasound Assisted Particle Size Control by Continuous Seed Generation and Batch Growth. <i>Crystals</i> , 2017, 7, 195.	2.2	24
12	Ultrasonic precipitation of manganese carbonate: Reactor design and scale-up. <i>Chemical Engineering Research and Design</i> , 2016, 115, 131-144.	5.6	9
13	Sonofragmentation: Effect of Ultrasound Frequency and Power on Particle Breakage. <i>Crystal Growth and Design</i> , 2016, 16, 6167-6177.	3.0	79
14	Influence of dissolved gases on sonochemistry and sonoluminescence in a flow reactor. <i>Ultrasonics Sonochemistry</i> , 2016, 31, 463-472.	8.2	36
15	The effects of ultrasound on micromixing. <i>Ultrasonics Sonochemistry</i> , 2016, 32, 68-78.	8.2	41
16	Effect of ultrasonic homogenization on the Vis/NIR bulk optical properties of milk. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 510-519.	5.0	53
17	Ultrasound precipitation of manganese carbonate: The effect of power and frequency on particle properties. <i>Ultrasonics Sonochemistry</i> , 2015, 26, 64-72.	8.2	36
18	Characterization of stable and transient cavitation bubbles in a milliflow reactor using a multibubble sonoluminescence quenching technique. <i>Ultrasonics Sonochemistry</i> , 2015, 25, 31-39.	8.2	32

#	ARTICLE	IF	CITATIONS
19	Determination of the effect of the ultrasonic frequency on the cooling crystallization of paracetamol. <i>Chemical Engineering and Processing: Process Intensification</i> , 2014, 84, 38-44.	3.6	49
20	Investigation of design parameters in ultrasound reactors with confined channels. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 1345-1352.	8.2	32