Jeroen K Jordens

List of Publications by Year
in descending order

20	664	516710 16	752698 20
papers	citations	h-index	g-index

20	20	20	695
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sonofragmentation: Effect of Ultrasound Frequency and Power on Particle Breakage. Crystal Growth and Design, 2016, 16, 6167-6177.	3.0	79
2	Effect of ultrasonic homogenization on the Vis/NIR bulk optical properties of milk. Colloids and Surfaces B: Biointerfaces, 2015, 126, 510-519.	5.0	53
3	Determination of the effect of the ultrasonic frequency on the cooling crystallization of paracetamol. Chemical Engineering and Processing: Process Intensification, 2014, 84, 38-44.	3.6	49
4	Agglomeration Control during Ultrasonic Crystallization of an Active Pharmaceutical Ingredient. Crystals, 2017, 7, 40.	2.2	47
5	Sonocrystallisation: Observations, theories and guidelines. Chemical Engineering and Processing: Process Intensification, 2019, 139, 130-154.	3.6	44
6	The effects of ultrasound on micromixing. Ultrasonics Sonochemistry, 2016, 32, 68-78.	8.2	41
7	Energy efficient crystallization of paracetamol using pulsed ultrasound. Chemical Engineering and Processing: Process Intensification, 2017, 114, 55-66.	3.6	39
8	Ultrasound precipitation of manganese carbonate: The effect of power and frequency on particle properties. Ultrasonics Sonochemistry, 2015, 26, 64-72.	8.2	36
9	Influence of dissolved gases on sonochemistry and sonoluminescence in a flow reactor. Ultrasonics Sonochemistry, 2016, 31, 463-472.	8.2	36
10	Ultrasoundâ€assisted emerging technologies for chemical processes. Journal of Chemical Technology and Biotechnology, 2018, 93, 1219-1227.	3.2	33
11	Investigation of design parameters in ultrasound reactors with confined channels. Ultrasonics Sonochemistry, 2013, 20, 1345-1352.	8.2	32
12	Characterization of stable and transient cavitation bubbles in a milliflow reactor using a multibubble sonoluminescence quenching technique. Ultrasonics Sonochemistry, 2015, 25, 31-39.	8.2	32
13	Applications of ultrasound to chiral crystallization, resolution and deracemization. Ultrasonics Sonochemistry, 2018, 43, 184-192.	8.2	32
14	Ultrasound Assisted Particle Size Control by Continuous Seed Generation and Batch Growth. Crystals, 2017, 7, 195.	2.2	24
15	Reducing the Induction Time Using Ultrasound and High-Shear Mixing in a Continuous Crystallization Process. Crystals, 2018, 8, 326.	2.2	23
16	Particle Size Control during Ultrasonic Cooling Crystallization of Paracetamol. Chemical Engineering and Technology, 2017, 40, 1300-1308.	1.5	21
17	Effects of ultrasonic irradiation on crystallization kinetics, morphological and structural properties of zeolite FAU. Ultrasonics Sonochemistry, 2020, 64, 105010.	8.2	15
18	Milk homogenization monitoring: Fat globule size estimation from scattering spectra of milk. Innovative Food Science and Emerging Technologies, 2020, 60, 102311.	5.6	12

#	Article	IF	Citations
19	Ultrasonic precipitation of manganese carbonate: Reactor design and scale-up. Chemical Engineering Research and Design, 2016, 115, 131-144.	5.6	9
20	A Mathematical Model of the Ultrasound-Assisted Continuous Tubular Crystallization of Aspirin. Crystal Growth and Design, 2019, 19, 5111-5122.	3.0	7