

Anand Narayanan Pallipurath Radhakri

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

468
citations

933447

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940533

16
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22
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22
docs citations

22
times ranked

834
citing authors

#	ARTICLE	IF	CITATIONS
1	Motion-enhancement assisted digital image correlation of lithium-ion batteries during lithiation. <i>Journal of Power Sources</i> , 2022, 527, 231150.	7.8	4
2	Effective Ultrasound Acoustic Measurement to Monitor the Lithium-Ion Battery Electrode Drying Process with Various Coating Thicknesses. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2092-2101.	8.0	4
3	Catalytic Teflon AF-2400 membrane reactor with adsorbed ex situ synthesized Pd-based nanoparticles for nitrobenzene hydrogenation. <i>Catalysis Today</i> , 2021, 362, 104-112.	4.4	12
4	Temperature-induced liquid crystal microdroplet formation in a partially miscible liquid mixture. <i>Soft Matter</i> , 2021, 17, 947-954.	2.7	9
5	Study of Liquid-Solid Mass Transfer and Hydrodynamics in Micropacked Bed with Gas-Liquid Flow. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 10489-10501.	3.7	9
6	Recent advances in acoustic diagnostics for electrochemical power systems. <i>JPhys Energy</i> , 2021, 3, 032011.	5.3	20
7	<i>In Situ</i> Ultrasound Acoustic Measurement of the Lithium-Ion Battery Electrode Drying Process. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 36605-36620.	8.0	18
8	Continuous citrate-capped gold nanoparticle synthesis in a two-phase flow reactor. <i>Journal of Flow Chemistry</i> , 2021, 11, 553-567.	1.9	15
9	Particle Size Evolution during the Synthesis of Gold Nanoparticles Using <i>In Situ</i> Time-Resolved UV-Vis Spectroscopy: An Experimental and Theoretical Study Unravelling the Effect of Adsorbed Gold Precursor Species. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27662-27672.	3.1	11
10	Highly reproducible, high-yield flow synthesis of gold nanoparticles based on a rational reactor design exploiting the reduction of passivated Au(III). <i>Reaction Chemistry and Engineering</i> , 2020, 5, 663-676.	3.7	33
11	Experimental and computational investigation of heat transfer in a microwave-assisted flow system. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 142, 107537.	3.6	35
12	Hydrodynamic Characterization of Phase Separation in Devices with Microfabricated Capillaries. <i>Langmuir</i> , 2019, 35, 8199-8209.	3.5	5
13	Flocculation on a chip: a novel screening approach to determine floc growth rates and select flocculating agents. <i>Lab on A Chip</i> , 2018, 18, 585-594.	6.0	12
14	Nonlinear Dynamics of Gas-Liquid Separation in a Capillary Microseparator. , 2018, , .		0
15	Quantification of the oxygen uptake rate in a dissolved oxygen controlled oscillating jet-driven microbio reactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 823-831.	3.2	17
16	Chapter 2. Microfluidics Theory in Practice. <i>RSC Detection Science</i> , 2014, , 29-60.	0.0	0
17	Occurrence of hepatitis B virus genotype B and B+C mixed infections in Chennai, South India. <i>Brazilian Journal of Infectious Diseases</i> , 2013, 17, 615-616.	0.6	4
18	Synthesis of silver nanoparticles using Piper longum leaf extracts and its cytotoxic activity against Hep-2 cell line. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 91, 212-214.	5.0	260