

Miguel Solsona

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

190
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Positional dependence of particles and cells in microfluidic electrical impedance flow cytometry: origin, challenges and opportunities. Lab on A Chip, 2020, 20, 3665-3689.	6.0	65
2	Control-oriented model of a membrane humidifier for fuel cell applications. Energy Conversion and Management, 2017, 137, 121-129.	9.2	48
3	Microfluidics and catalyst particles. Lab on A Chip, 2019, 19, 3575-3601.	6.0	32
4	Magnetophoretic Sorting of Single Catalyst Particles. Angewandte Chemie - International Edition, 2018, 57, 10589-10594.	13.8	18
5	Gradient in the electric field for particle position detection in microfluidic channels. Lab on A Chip, 2019, 19, 1054-1059.	6.0	16
6	Trajectory deflection of spinning magnetic microparticles: The Magnus effect at the microscale. Journal of Applied Physics, 2020, 127, .	2.5	7
7	Gradient Capacitance for Solid Particle Position Detection in Electrolyte. Procedia Engineering, 2016, 168, 1446-1449.	1.2	3
8	Ion Concentration Polarization for Microparticle Mesoporosity Differentiation. Langmuir, 2019, 35, 9704-9712.	3.5	1