Ladislav Derzsi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4101177/publications.pdf

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21	435	687363 13	794594 19
papers	citations	h-index	g-index

22	22	22	686
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A double-step emulsification device for direct generation of double emulsions. Soft Matter, 2022, 18, 6157-6166.	2.7	1
2	Split or slip â€“ passive generation of monodisperse double emulsions with cores of varying viscosity in microfluidic tandem step emulsification system. RSC Advances, 2020, 10, 23058-23065.	3.6	9
3	Combinatorial Antimicrobial Susceptibility Testing Enabled by Non-Contact Printing. Micromachines, 2020, 11, 142.	2.9	7
4	TMAO, a seafood-derived molecule, produces diuresis and reduces mortality in heart failure rats. ELife, 2020, 9, .	6.0	32
5	Beneficial Effect of TMAO in Spontaneously Hypertensive Heart Failure Rats is Associated with Diuretic and Hypotensive Actions.. FASEB Journal, 2020, 34, 1-1.	0.5	0
6	Grooved step emulsification systems optimize the throughput of passive generation of monodisperse emulsions. Lab on A Chip, 2019, 19, 1183-1192.	6.0	17
7	Direct droplet digital PCR (dddPCR) for species specific, accurate and precise quantification of bacteria in mixed samples. Analytical Methods, 2019, 11, 5730-5735.	2.7	14
8	Emulsification with rectangular tubes. Physical Review Fluids, 2019, 4, .	2.5	14
9	Abstract P3021: Trimethylamine but Not Trimethylamine N-Oxide Increases Blood Pressure in Rats, Affects Viability of Vascular Smooth Muscle Cells and Degrades Protein Structure. Hypertension, 2019, 74, .	2.7	0
10	Wall fluidization in two acts: from stiff to soft roughness. Soft Matter, 2018, 14, 1088-1093.	2.7	7
11	Fluidization and wall slip of soft glassy materials by controlled surface roughness. Physical Review E, 2017, 95, 052602.	2.1	21
12	Antibiograms in five pipetting steps: precise dilution assays in sub-microliter volumes with a conventional pipette. Lab on A Chip, 2016, 16, 893-901.	6.0	38
13	Generation of Oil Droplets in a Non-Newtonian Liquid Using a Microfluidic T-Junction. Micromachines, 2015, 6, 1825-1835.	2.9	34
14	Differentiation of morphotic elements in human blood using optical coherence tomography and a microfluidic setup. Optics Express, 2015, 23, 27724.	3.4	11
15	Microfluidic traps for hard-wired operations on droplets. Lab on A Chip, 2013, 13, 4096.	6.0	54
16	Flow focusing with viscoelastic liquids. Physics of Fluids, 2013, 25, .	4.0	55
17	Block-and-break generation of microdroplets with fixed volume. Biomicrofluidics, 2013, 7, 024108.	2.4	38
18	Hydrophilic polycarbonate chips for generation of oil-in-water (O/W) and water-in-oil-in-water (W/O/W) emulsions. Microfluidics and Nanofluidics, 2013, 14, 597-604.	2.2	12

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19	Hydrophilic polycarbonate chips for generation of oil-in-water (O/W) and water-in-oil-in-water (W/O/W) emulsions. Microfluidics and Nanofluidics, 2013, 14, 767-774.	2.2	17
20	Assessment of the flow velocity of blood cells in a microfluidic device using joint spectral and time domain optical coherence tomography. Optics Express, 2013, 21, 24025.	3.4	28
21	Hydrophilic polycarbonate for generation of oil in water emulsions in microfluidic devices. Lab on A Chip, 2011, 11, 1151.	6.0	26