

Claas-Willem Visser

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

1,191
citations

17
h-index

29
g-index

29
ext. papers

1,452
ext. citations

9.3
avg, IF

4.56
L-index

#	Paper	IF	Citations
25	Continuous High-Throughput Fabrication of Architected Micromaterials via In-Air Photopolymerization. <i>Advanced Materials</i> , 2021 , 33, e2006336	24	3
24	In-Air Photopolymerization: Continuous High-Throughput Fabrication of Architected Micromaterials via In-Air Photopolymerization (Adv. Mater. 3/2021). <i>Advanced Materials</i> , 2021 , 33, 2170021	24	24
23	Programmable Porous Polymers via Direct Bubble Writing with Surfactant-Free Inks. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 42048-42055	9.5	13
22	Architected Polymer Foams via Direct Bubble Writing. <i>Advanced Materials</i> , 2019 , 31, e1904668	24	43
21	Laser-induced forward transfer of viscoplastic fluids. <i>Journal of Fluid Mechanics</i> , 2019 , 880, 497-513	3.7	8
20	Marangoni-driven spreading of miscible liquids in the binary pendant drop geometry. <i>Soft Matter</i> , 2019 , 15, 8525-8531	3.6	11
19	In-air microfluidics enables rapid fabrication of emulsions, suspensions, and 3D modular (bio)materials. <i>Science Advances</i> , 2018 , 4, eaao1175	14.3	87
18	Ultrahigh-Throughput Production of Monodisperse and Multifunctional Janus Microparticles Using in-Air Microfluidics. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 23433-23438	9.5	31
17	Centering Single Cells in Microgels via Delayed Crosslinking Supports Long-Term 3D Culture by Preventing Cell Escape. <i>Small</i> , 2017 , 13, 1603711	11	36
16	Printing Functional 3D Microdevices by Laser-Induced Forward Transfer. <i>Small</i> , 2017 , 13, 1602553	11	46
15	Oblique drop impact onto a deep liquid pool. <i>Physical Review Fluids</i> , 2017 , 2,	2.8	18
14	On the spreading of impacting drops. <i>Journal of Fluid Mechanics</i> , 2016 , 805, 636-655	3.7	139
13	Continuous-wave laser generated jets for needle free applications. <i>Biomicrofluidics</i> , 2016 , 10, 014104	3.2	16
12	Role of natural convection in the dissolution of sessile droplets. <i>Journal of Fluid Mechanics</i> , 2016 , 794, 45-67	3.7	32
11	Impact-driven ejection of micro metal droplets on-demand. <i>International Journal of Machine Tools and Manufacture</i> , 2016 , 106, 67-74	9.4	23
10	Dynamics of high-speed micro-drop impact: numerical simulations and experiments at frame-to-frame times below 100 ns. <i>Soft Matter</i> , 2015 , 11, 1708-22	3.6	127
9	Toward 3D Printing of Pure Metals by Laser-Induced Forward Transfer. <i>Advanced Materials</i> , 2015 , 27, 4087-92	24	154

8	Optimizing cell viability in droplet-based cell deposition. <i>Scientific Reports</i> , 2015 , 5, 11304	4.9	72
7	3D Printing: Toward 3D Printing of Pure Metals by Laser-Induced Forward Transfer (Adv. Mater. 27/2015). <i>Advanced Materials</i> , 2015 , 27, 4103-4103	24	4
6	Ejection Regimes in Picosecond Laser-Induced Forward Transfer of Metals. <i>Physical Review Applied</i> , 2015 , 3,	4.3	32
5	Drop Shaping by Laser-Pulse Impact. <i>Physical Review Applied</i> , 2015 , 3,	4.3	52
4	Quantifying cell adhesion through impingement of a controlled microjet. <i>Biophysical Journal</i> , 2015 , 108, 23-31	2.9	10
3	Control of slippage with tunable bubble mattresses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 8422-6	11.5	133
2	Microdroplet impact at very high velocity. <i>Soft Matter</i> , 2012 , 8, 10732	3.6	56
1	Highly Focused Supersonic Microjets. <i>Physical Review X</i> , 2012 , 2,	9.1	37