Roeland C A Van Der Veen

List of Publications by Year
in descending order

13	892	840776 11	1125743 13
papers	citations	h-index	g-index

13	13	13	1042
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Maximal Air Bubble Entrainment at Liquid-Drop Impact. Physical Review Letters, 2012, 109, 264501.	7.8	172
2	Geometry of the Vapor Layer Under a Leidenfrost Drop. Physical Review Letters, 2012, 109, 074301.	7.8	164
3	Direct measurements of air layer profiles under impacting droplets using high-speed color interferometry. Physical Review E, 2012, 85, 026315.	2.1	128
4	Multiple states in highly turbulent Taylorâ€“Couette flow. Nature Communications, 2014, 5, 3820.	12.8	107
5	How Micropatterns and Air Pressure Affect Splashing on Surfaces. Langmuir, 2010, 26, 16090-16095.	3.5	93
6	Mixed mode of dissolving immersed nanodroplets at a solidâ€“water interface. Soft Matter, 2015, 11, 1889-1900.	2.7	65
7	Bubble Drag Reduction Requires Large Bubbles. Physical Review Letters, 2016, 117, 104502.	7.8	65
8	How microstructures affect air film dynamics prior to drop impact. Soft Matter, 2014, 10, 3703.	2.7	35
9	Exploring the phase space of multiple states in highly turbulent Taylor-Couette flow. Physical Review Fluids, 2016, 1, .	2.5	25
10	Taylorâ€“Couette turbulence at radius ratio : scaling, flow structures and plumes. Journal of Fluid Mechanics, 2016, 799, 334-351.	3.4	16
11	Azimuthal velocity profiles in Rayleigh-stable Taylorâ€“Couette flow and implied axial angular momentum transport. Journal of Fluid Mechanics, 2015, 774, 342-362.	3.4	13
12	The boiling Twente Taylor-Couette (BTTC) facility: Temperature controlled turbulent flow between independently rotating, coaxial cylinders. Review of Scientific Instruments, 2015, 86, 065108.	1.3	5
13	Self-similar decay of high Reynolds number Taylor-Couette turbulence. Physical Review Fluids, 2016, 1, .	2.5	4