

# Roeland C A Van Der Veen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1269867/publications.pdf>

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13  
papers

892  
citations

840776

11  
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1125743

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13  
docs citations

13  
times ranked

1042  
citing authors

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