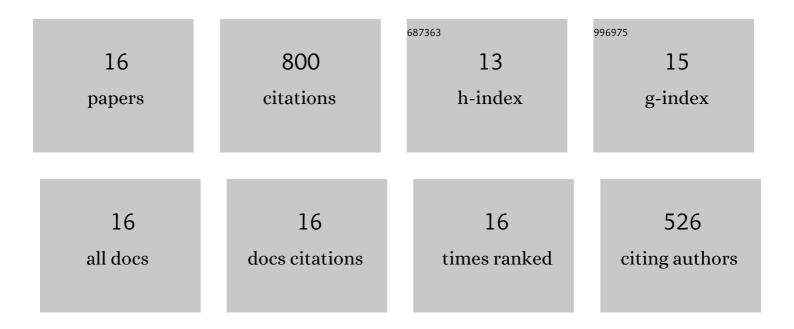
## Dennis P  Van Gils

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Torque Scaling in Turbulent Taylor-Couette Flow with Co- and Counterrotating Cylinders. Physical Review Letters, 2011, 106, 024502.	7.8	115
2	On bubble clustering and energy spectra in pseudo-turbulence. Journal of Fluid Mechanics, 2010, 650, 287-306.	3.4	107
3	The importance of bubble deformability for strong drag reduction in bubbly turbulent Taylor–Couette flow. Journal of Fluid Mechanics, 2013, 722, 317-347.	3.4	81
4	Ultimate Turbulent Taylor-Couette Flow. Physical Review Letters, 2012, 108, 024501.	7.8	74
5	Optimal Taylor–Couette turbulence. Journal of Fluid Mechanics, 2012, 706, 118-149.	3.4	73
6	Optimal Taylor–Couette flow: radius ratio dependence. Journal of Fluid Mechanics, 2014, 747, 1-29.	3.4	61
7	The Twente turbulent Taylor–Couette (T3C) facility: Strongly turbulent (multiphase) flow between two independently rotating cylinders. Review of Scientific Instruments, 2011, 82, 025105.	1.3	59
8	Bubbly Turbulent Drag Reduction Is a Boundary Layer Effect. Physical Review Letters, 2007, 98, 084501.	7.8	51
9	Angular momentum transport and turbulence in laboratory models of Keplerian flows. Astronomy and Astrophysics, 2012, 547, A64.	5.1	48
10	Boundary Zonal Flow in Rotating Turbulent Rayleigh-Bénard Convection. Physical Review Letters, 2020, 124, 084505.	7.8	42
11	Experimental investigation of heat transport in homogeneous bubbly flow. Journal of Fluid Mechanics, 2018, 845, 226-244.	3.4	31
12	Applying laser Doppler anemometry inside a Taylor–Couette geometry using a ray-tracer to correct for curvature effects. European Journal of Mechanics, B/Fluids, 2012, 36, 115-119.	2.5	25
13	Experimental investigation of heat transport in inhomogeneous bubbly flow. Chemical Engineering Science, 2019, 198, 260-267.	3.8	14
14	Rotating turbulent thermal convection at very large Rayleigh numbers. Journal of Fluid Mechanics, 2021, 912, .	3.4	14
15	Twente mass and heat transfer water tunnel: Temperature controlled turbulent multiphase channel flow with heat and mass transfer. Review of Scientific Instruments, 2019, 90, 075117.	1.3	5
16	Bubbly drag reduction in turbulent Taylor-Couette flow. Springer Proceedings in Physics, 2007, , 416-417.	0.2	0