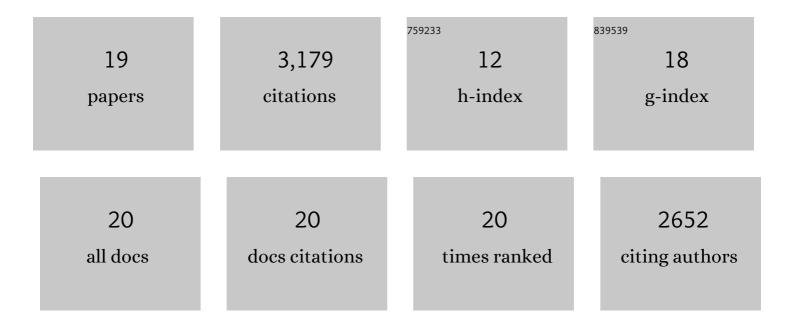
Michael E Mcintyre

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Stratosphere-troposphere exchange. Reviews of Geophysics, 1995, 33, 403.	23.0	2,184
2	How Well do we Understand the Dynamics of Stratospheric Warmings?. Journal of the Meteorological Society of Japan, 1982, 60, 37-65.	1.8	265
3	Wave capture and wave–vortex duality. Journal of Fluid Mechanics, 2005, 534, 67-95.	3.4	182
4	On potential energy density in an incompressible, stratified fluid. Journal of Fluid Mechanics, 1981, 107, 221.	3.4	115
5	On Long's hypothesis of no upstream influence in uniformly stratified or rotating flow. Journal of Fluid Mechanics, 1972, 52, 209-243.	3.4	82
6	On the non-separable baroclinic parallel flow instability problem. Journal of Fluid Mechanics, 1970, 40, 273-306.	3.4	73
7	Remote recoil: a new wave–mean interaction effect. Journal of Fluid Mechanics, 2003, 492, 207-230.	3.4	62
8	On non-dissipative wave–mean interactions in the atmosphere or oceans. Journal of Fluid Mechanics, 1998, 354, 301-343.	3.4	58
9	Mean motions and impulse of a guided internal gravity wave packet. Journal of Fluid Mechanics, 1973, 60, 801-811.	3.4	40
10	Jupiter's Unearthly Jets: A New Turbulent Model Exhibiting Statistical Steadiness without Large-Scale Dissipation*. Journals of the Atmospheric Sciences, 2016, 73, 1119-1141.	1.7	40
11	The axisymmetric convective regime for a rigidly bounded rotating annulus. Journal of Fluid Mechanics, 1968, 32, 625-655.	3.4	38
12	Polar confinement of the Sun's interior magnetic field by laminar magnetostrophic flow. Journal of Fluid Mechanics, 2011, 677, 445-482.	3.4	17
13	Lucidity and science I: Writing skills and the pattern perception hypothesis. Interdisciplinary Science Reviews, 1997, 22, 199-216.	1.4	6
14	Wave–vortex interactions, remote recoil, the Aharonov–BohmÂeffect and the Craik–LeibovichÂequation. Journal of Fluid Mechanics, 2019, 881, 182-217.	3.4	6
15	Lucidity and science II: From acausality illusions and free will to final theories, mathematics, and music. Interdisciplinary Science Reviews, 1997, 22, 285-303.	1.4	3
16	Climate Uncertainties: A Personal View. Meteorology, 2022, 1, 162-170.	1.1	3
17	On multi-level thinking and scientific understanding. Advances in Atmospheric Sciences, 2017, 34, 1150-1158.	4.3	2
18	Lucidity and science III: Hypercredulity, quantum mechanics, and scientific truth. Interdisciplinary	1.4	1

Science Reviews, 1998, 23, 29-70.

#	Article	IF	CITATIONS
19	Wave–vortex interactions and effective mean forces: three basic problems. Geophysical and Astrophysical Fluid Dynamics, 2020, 114, 414-428.	1.2	0