

Michael E McIntyre

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2058579/michael-e-mcintyre-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

19
papers

2,663
citations

12
h-index

20
g-index

20
ext. papers

2,876
ext. citations

3.9
avg, IF

4.49
L-index

#	Paper	IF	Citations
19	Climate Uncertainties: A Personal View. <i>Meteorology</i> , 2022 , 1, 162-170		0
18	Wave-vortex interactions and effective mean forces: three basic problems. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 2020 , 114, 414-428	1.4	
17	Wave-vortex interactions, remote recoil, the Aharonov-Bohm effect and the Craik-Leibovich equation. <i>Journal of Fluid Mechanics</i> , 2019 , 881, 182-217	3.7	1
16	On multi-level thinking and scientific understanding. <i>Advances in Atmospheric Sciences</i> , 2017 , 34, 1150-1158	1.5	2
15	Jupiter's Unearthly Jets: A New Turbulent Model Exhibiting Statistical Steadiness without Large-Scale Dissipation*. <i>Journals of the Atmospheric Sciences</i> , 2016 , 73, 1119-1141	2.1	29
14	Polar confinement of the Sun's interior magnetic field by laminar magnetostrophic flow. <i>Journal of Fluid Mechanics</i> , 2011 , 677, 445-482	3.7	15
13	Wave capture and wave-vortex duality. <i>Journal of Fluid Mechanics</i> , 2005 , 534, 67-95	3.7	154
12	Remote recoil: a new wave-mean interaction effect. <i>Journal of Fluid Mechanics</i> , 2003 , 492, 207-230	3.7	50
11	Lucidity and science III: Hypercredulity, quantum mechanics, and scientific truth. <i>Interdisciplinary Science Reviews</i> , 1998 , 23, 29-70	0.7	0
10	On non-dissipative wave-mean interactions in the atmosphere or oceans. <i>Journal of Fluid Mechanics</i> , 1998 , 354, 301-343	3.7	43
9	Lucidity and science II: From acausality illusions and free will to final theories, mathematics, and music. <i>Interdisciplinary Science Reviews</i> , 1997 , 22, 285-303	0.7	1
8	Lucidity and science I: Writing skills and the pattern perception hypothesis. <i>Interdisciplinary Science Reviews</i> , 1997 , 22, 199-216	0.7	4
7	Stratosphere-troposphere exchange. <i>Reviews of Geophysics</i> , 1995 , 33, 403	23.1	1835
6	How Well do we Understand the Dynamics of Stratospheric Warmings?. <i>Journal of the Meteorological Society of Japan</i> , 1982 , 60, 37-65	2.8	237
5	On potential energy density in an incompressible, stratified fluid. <i>Journal of Fluid Mechanics</i> , 1981 , 107, 221	3.7	95
4	Mean motions and impulse of a guided internal gravity wave packet. <i>Journal of Fluid Mechanics</i> , 1973 , 60, 801-811	3.7	33
3	On Long's hypothesis of no upstream influence in uniformly stratified or rotating flow. <i>Journal of Fluid Mechanics</i> , 1972 , 52, 209-243	3.7	62

- | | | | |
|---|------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 2 | On the non-separable baroclinic parallel flow instability problem. <i>Journal of Fluid Mechanics</i> , 1970 , 40, 273-306 | 3-7 | 65 |
| 1 | The axisymmetric convective regime for a rigidly bounded rotating annulus. <i>Journal of Fluid Mechanics</i> , 1968 , 32, 625-655 | 3-7 | 36 |