

# W L Oliver

## List of Publications by Year in descending order

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29  
papers

758  
citations

567281

15  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

557  
citing authors

#	ARTICLE	IF	CITATIONS
1	A climatology of F region gravity wave propagation over the middle and upper atmosphere radar. Journal of Geophysical Research, 1997, 102, 14499-14512.	3.3	117
2	Observations of the May 30, 1984, annular solar eclipse at Millstone Hill. Journal of Geophysical Research, 1986, 91, 1651-1660.	3.3	95
3	Millstone Hill incoherent scatter observations of auroral convection over 60°N; 75°E: 3. Average patterns versus Kp. Journal of Geophysical Research, 1983, 88, 5505-5516.	3.3	65
4	A climatology of middle and upper atmosphere radar observations of thermospheric winds. Journal of Geophysical Research, 2000, 105, 12777-12788.	3.3	63
5	The Fossil Theory of nighttime high latitude F region troughs. Journal of Geophysical Research, 1983, 88, 7769-7782.	3.3	50
6	Long-term change in thermospheric temperature above Saint Santin. Journal of Geophysical Research, 2010, 115, .	3.3	39
7	O+-O collision cross section and long-term F region O density variations deduced from the ionospheric energy budget. Journal of Geophysical Research, 1996, 101, 21769-21784.	3.3	30
8	Ionospheric incoherent scatter measurements with the MU radar: Observations of F-region electrodynamics.. Journal of Geomagnetism and Geoelectricity, 1988, 40, 963-985.	0.9	27
9	Middle and upper atmosphere radar observations of ionospheric electric fields. Journal of Geophysical Research, 1993, 98, 11615-11627.	3.3	26
10	Is thermospheric global cooling caused by gravity waves?. Journal of Geophysical Research: Space Physics, 2013, 118, 3898-3908.	2.4	26
11	The F <sub>1</sub> region during a solar eclipse. Radio Science, 1974, 9, 189-195.	1.6	25
12	Ionospheric incoherent scatter measurements with the middle and upper atmosphere radar: Observations during the large magnetic storm of February 6-8, 1986. Journal of Geophysical Research, 1988, 93, 14649-14655.	3.3	25
13	Long-term trends in thermospheric neutral temperature and density above Millstone Hill. Journal of Geophysical Research: Space Physics, 2014, 119, 7940-7946.	2.4	23
14	The causes of mid-latitude F layer behavior. Journal of Geophysical Research, 2008, 113, .	3.3	17
15	Hot oxygen and the ion energy budget. Journal of Geophysical Research, 1997, 102, 2503-2511.	3.3	16
16	MITHRAS: A brief description. Radio Science, 1984, 19, 665-673.	1.6	15
17	Initial Millstone Hill, Sondrestrom, and HILAT observations of thermospheric temperatures and frictional heating. Geophysical Research Letters, 1984, 11, 911-914.	4.0	11
18	Millstone Hill incoherent scatter observations of exospheric temperature over 25 to 60 degrees north latitude. Geophysical Research Letters, 1984, 11, 915-918.	4.0	11

#	ARTICLE	IF	CITATIONS
19	Simulation of a gravity wave over the middle and upper atmosphere radar. Journal of Geophysical Research, 1991, 96, 9793-9800.	3.3	11
20	Is thermospheric long-term cooling due to CO <sub>2</sub> or O <sub>3</sub> ?. Annales Geophysicae, 2011, 29, 1779-1782.	1.6	11
21	A comparison of thermospheric [O] derived at EISCAT with [O] predicted by MSIS. Geophysical Research Letters, 1998, 25, 2119-2122.	4.0	10
22	Variations of hot O in the thermosphere. Geophysical Research Letters, 1999, 26, 2829-2832.	4.0	9
23	MST radar measurement of ionospheric region winds: The "layer wind" technique. Radio Science, 1998, 33, 941-948.	1.6	8
24	A nighttime temperature maximum in the thermosphere above Saint Santin in winter. Journal of Geophysical Research, 2012, 117, .	3.3	8
25	Hot oxygen profiles for incoherent scatter radar analysis of ion energy balance. Journal of Geophysical Research, 2000, 105, 12823-12832.	3.3	6
26	Simultaneous mesosphere-lower thermosphere and thermospheric region observations using middle and upper atmosphere radar. Journal of Geophysical Research, 2006, 111, .	3.3	6
27	Reply to comment by Jan Lastovicka on "Long-term trends in thermospheric neutral temperature and density above Millstone Hill". Journal of Geophysical Research: Space Physics, 2015, 120, 2350-2352.	2.4	4
28	Hot O and nighttime ionospheric temperatures. Geophysical Research Letters, 2000, 27, 2821-2824.	4.0	2
29	An asymptotic model of the F <sub>2</sub> layer. Journal of Geophysical Research, 2012, 117, .	3.3	2