

# Stephen W Bougher

## List of Publications by Year in descending order

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8  
papers

522  
citations

1163117  
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1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

520  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hot carbon corona in Mars's upper thermosphere and exosphere: 1. Mechanisms and structure of the hot corona for low solar activity at equinox. <i>Journal of Geophysical Research E: Planets</i> , 2014, 119, 905-924.	3.6	19
2	Four Martian years of nightside upper thermospheric mass densities derived from electron reflectometry: Method extension and comparison with GCM simulations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	15
3	Nightside ionosphere of Mars: Modeling the effects of crustal magnetic fields and electron pitch angle distributions on electron impact ionization. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	88
4	Continuous monitoring of nightside upper thermospheric mass densities in the martian southern hemisphere over 4 martian years using electron reflectometry. <i>Icarus</i> , 2008, 194, 562-574.	2.5	19
5	An improved crustal magnetic field map of Mars from electron reflectometry: Highland volcanic history and the end of the martian dynamo. <i>Icarus</i> , 2008, 194, 575-596.	2.5	106
6	Simulations of the Upper atmospheres of the terrestrial planets. <i>Geophysical Monograph Series</i> , 2002, , 261-288.	0.1	33
7	Nonmigrating tides in the thermosphere of Mars. <i>Journal of Geophysical Research</i> , 2002, 107, 23-1-23-12.	3.3	88
8	Mars Global Surveyor radio science electron density profiles : Neutral atmosphere implications. <i>Geophysical Research Letters</i> , 2001, 28, 3091-3094.	4.0	154