Henri Reme

List of Publications by Year
in descending order

31 papers	3,734 citations	304602 22 h-index	454834 30 g-index
31 all docs	31 docs citations	31 times ranked	2840 citing authors

#	Article	IF	Citations
1	Turning Instrument Background Into Science Data for Structural Features of Radiation Belts. Journal of Geophysical Research: Space Physics, 2021, 126, .	0.8	1
2	Impact of the Solar Wind Dynamic Pressure on the Fieldâ€Aligned Currents in the Magnetotail: Cluster Observation. Journal of Geophysical Research: Space Physics, 2021, 126, .	0.8	0
3	Elemental and molecular abundances in comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2019, 489, 594-607.	1.6	112
4	Conjunction Observations of Energetic Oxygen Ions O + Accumulated in the Sequential Flux Ropes in the Highâ€Altitude Cusp. Journal of Geophysical Research: Space Physics, 2019, 124, 7912-7922.	0.8	1
5	Influence of the IMF Cone Angle on Invariant Latitudes of Polar Region Footprints of FACs in the Magnetotail: Cluster Observation. Journal of Geophysical Research: Space Physics, 2018, 123, 2588-2597.	0.8	4
6	Krypton isotopes and noble gas abundances in the coma of comet 67P/Churyumov-Gerasimenko. Science Advances, 2018, 4, eaar6297.	4.7	52
7	Change of outgassing pattern of 67P/Churyumovâ€“Gerasimenko during the March 2016 equinox as seen by ROSINA. Monthly Notices of the Royal Astronomical Society, 2017, 469, S108-S117.	1.6	66
8	Xenon isotopes in 67P/Churyumov-Gerasimenko show that comets contributed to Earth's atmosphere. Science, 2017, 356, 1069-1072.	6.0	161
9	Halogens as tracers of protosolar nebula material in comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1336-1345.	1.6	44
10	Oxygen Ions O⁺ Energized by Kinetic AlfvÃ©n Eigenmode During Dipolarizations of Intense Substorms. Journal of Geophysical Research: Space Physics, 2017, 122, 11,256.	0.8	10
11	Evidence for distributed gas sources of hydrogen halides in the coma of comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S695-S711.	1.6	27
12	TRANSPORT OF SOLAR WIND H⁺ AND He⁺⁺ IONS ACROSS EARTHâ€™S BOW SHOCK. Astrophysical Journal Letters, 2016, 825, L27.	3.0	7
13	Detection of argon in the coma of comet 67P/Churyumov-Gerasimenko. Science Advances, 2015, 1, e1500377.	4.7	87
14	Cluster observations of unusually high concentration of energetic O⁺ carried by flux ropes in the nightside highâ€latitude magnetosheath during a storm initial phase. Journal of Geophysical Research: Space Physics, 2015, 120, 8317-8326.	0.8	4
15	Time variability and heterogeneity in the coma of 67P/Churyumov-Gerasimenko. Science, 2015, 347, aaa0276.	6.0	222
16	Molecular nitrogen in comet 67P/Churyumov-Gerasimenko indicates a low formation temperature. Science, 2015, 348, 232-235.	6.0	195
17	Abundant molecular oxygen in the coma of comet 67P/Churyumovâ€“Gerasimenko. Nature, 2015, 526, 678-681.	13.7	260
18	67P/Churyumov-Gerasimenko, a Jupiter family comet with a high D/H ratio. Science, 2015, 347, 1261952.	6.0	403

#	Article	IF	Citations
19	Entropy Generation across Earthâ€™s Collisionless Bow Shock. Physical Review Letters, 2012, 108, 061102.	2.9	16
20	Cluster observations of surface waves in the ion jets from magnetotail reconnection. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	28
21	Southâ€north asymmetry of fieldâ€aligned currents in the magnetotail observed by Cluster. Journal of Geophysical Research, 2010, 115, .	3.3	34
22	Flux transfer events simultaneously observed by Polar and Cluster: Flux rope in the subsolar region and flux tube addition to the polar cusp. Journal of Geophysical Research, 2008, 113, .	3.3	13
23	Rosina â€“ Rosetta Orbiter Spectrometer for Ion and Neutral Analysis. Space Science Reviews, 2007, 128, 745-801.	3.7	331
24	Characteristics of high altitude oxygen ion energization and outflow as observed by Cluster: a statistical study. Annales Geophysicae, 2006, 24, 1099-1112.	0.6	55
25	Multipoint observations of ionic structures in the plasmasphere by CLUSTERâ€”CIS and comparisons with IMAGE-EUV observations and with model simulations. Geophysical Monograph Series, 2005, , 23-53.	0.1	27
26	First current density measurements in the ring current region using simultaneous multi-spacecraft CLUSTER-FGM data. Annales Geophysicae, 2005, 23, 1849-1865.	0.6	67
27	Cluster observations of an intense normal component of the electric field at a thin reconnecting current sheet in the tail and its role in the shock-like acceleration of the ion fluid into the separatrix region. Journal of Geophysical Research, 2005, 110, .	3.3	249
28	The HIA instrument on board the Tan Ce 1 Double Star near-equatorial spacecraft and its first results. Annales Geophysicae, 2005, 23, 2757-2774.	0.6	76
29	Cluster observations of continuous reconnection at the magnetopause under steady interplanetary magnetic field conditions. Annales Geophysicae, 2004, 22, 2355-2367.	0.6	118
30	The location of the open-closed magnetic field line boundary in the dawn sector auroral ionosphere. Annales Geophysicae, 2004, 22, 3625-3639.	0.6	24
31	First multispacecraft ion measurements in and near the Earthâ€™s magnetosphere with the identical Cluster ion spectrometry (CIS) experiment. Annales Geophysicae, 2001, 19, 1303-1354.	0.6	1,040