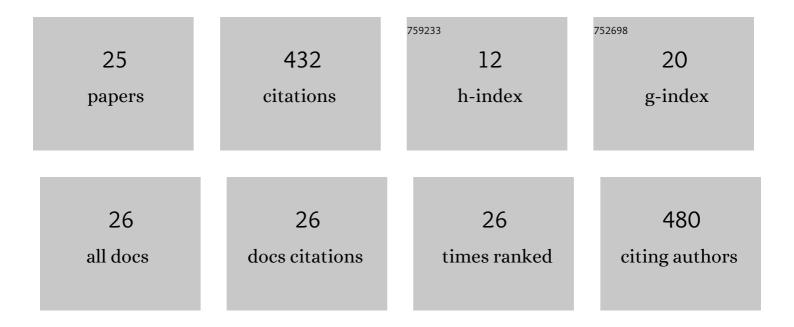
Rikard Slapak

List of Publications by Year in descending order

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Ρικλρη διλολκ

#	Article	IF	CITATIONS
1	Why an intrinsic magnetic field does not protect a planet against atmospheric escape. Astronomy and Astrophysics, 2018, 614, L3.	5.1	69
2	Hot and cold ion outflow: Spatial distribution of ion heating. Journal of Geophysical Research, 2012, 117, .	3.3	48
3	Ionospheric Response Observed by EISCAT During the 6–8 September 2017 Space Weather Event: Overview. Space Weather, 2018, 16, 1437-1450.	3.7	38
4	Hot and cold ion outflow: Observations and implications for numerical models. Journal of Geophysical Research: Space Physics, 2013, 118, 105-117.	2.4	29
5	Atmospheric loss from the dayside open polar region and its dependence on geomagnetic activity: implications for atmospheric escape on evolutionary timescales. Annales Geophysicae, 2017, 35, 721-731.	1.6	28
6	Statistical evidence for O ⁺ energization and outflow caused by wave-particle interaction in the high altitude cusp and mantle. Annales Geophysicae, 2011, 29, 945-954.	1.6	26
7	Earth atmospheric loss through the plasma mantle and its dependence on solar wind parameters. Earth, Planets and Space, 2019, 71, .	2.5	21
8	O ⁺ heating associated with strong wave activity in the high altitude cusp and mantle. Annales Geophysicae, 2011, 29, 931-944.	1.6	20
9	O ⁺ Escape During the Extreme Space Weather Event of 4–10 September 2017. Space Weather, 2018, 16, 1363-1376.	3.7	20
10	A statistical study on O ⁺ flux in the dayside magnetosheath. Annales Geophysicae, 2013, 31, 1005-1010.	1.6	19
11	O ⁺ transport in the dayside magnetosheath and its dependence on the IMF direction. Annales Geophysicae, 2015, 33, 301-307.	1.6	17
12	Observations of oxygen ions in the dayside magnetosheath associated with southward IMF. Journal of Geophysical Research, 2012, 117, .	3.3	15
13	Oxygen ion response to proton bursty bulk flows. Journal of Geophysical Research: Space Physics, 2016, 121, 7535-7546.	2.4	11
14	Observations of multiharmonic ion cyclotron waves due to inverse ion cyclotron damping in the northern magnetospheric cusp. Geophysical Research Letters, 2017, 44, 22-29.	4.0	10
15	Quantification of the total ion transport in the near-Earth plasma sheet. Annales Geophysicae, 2017, 35, 869-877.	1.6	10
16	The Oxygen Ion Circulation in The Outer Terrestrial Magnetosphere and Its Dependence on Geomagnetic Activity. Geophysical Research Letters, 2018, 45, 12,669.	4.0	10
17	Relative outflow enhancements during major geomagnetic storms – Cluster observations. Annales Geophysicae, 2017, 35, 1341-1352.	1.6	9
18	Energy conversion through mass loading of escaping ionospheric ions for different Kp values. Annales Geophysicae, 2018, 36, 1-12.	1.6	7

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#	Article	IF	CITATIONS
19	Estimating the fate of oxygen ion outflow from the high-altitude cusp. Annales Geophysicae, 2020, 38, 491-505.	1.6	6
20	Oxygen ion energization by waves in the high altitude cusp and mantle. Annales Geophysicae, 2012, 30, 1309-1314.	1.6	4
21	Centrifugal acceleration at high altitudes above the polar cap: A Monte Carlo simulation. Journal of Geophysical Research: Space Physics, 2015, 120, 6409-6426.	2.4	4
22	Alpha-Viscosity Effects in Slender Tori. Publication of the Astronomical Society of Japan, 2012, 64, 76.	2.5	2
23	O + and H + above the polar cap: Observations and semikinetic simulations. Journal of Geophysical Research: Space Physics, 2016, 121, 459-474.	2.4	2
24	The fate of O ⁺ ions observed in the plasma mantle: particle tracing modelling and cluster observations. Annales Geophysicae, 2020, 38, 645-656.	1.6	2
25	Local Analysis of Nonlinear Oscillations of Thin Accretion Disks. Publication of the Astronomical Society of Japan, 2008, 60, 605-612.	2.5	1