

Andrey L Kotikov

List of Publications by Year in descending order

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17
papers

93
citations

1684188

5
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1372567

10
g-index

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all docs

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docs citations

17
times ranked

108
citing authors

#	ARTICLE	IF	CITATIONS
1	Dayside high latitude magnetic impulsive events: their characteristics and relationship to sudden impulses. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1995, 57, 1569-1582.	0.9	19
2	Variations in the near-surface atmospheric electric field at high latitudes and ionospheric potential during geomagnetic perturbations. <i>Geomagnetism and Aeronomy</i> , 2012, 52, 629-638.	0.8	16
3	Structure of auroral zone phenomena from the data of meridional chains of stations: magnetic disturbances in the nighttime auroral zone and auroras. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1991, 53, 265-274.	0.9	10
4	Filamentary structure of the westward electrojet in the midnight sector auroral distribution during substorms: comparison with Viking auroral observations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1993, 55, 1763-1774.	0.9	8
5	DPYcurrents in the cusp/cleft region: A crucial role of southward interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 1997, 102, 4777-4785.	3.3	6
6	By dependent currents in the southern polar region during positive Bz. <i>Planetary and Space Science</i> , 1988, 36, 523-529.	1.7	5
7	Dynamics of auroral electrojets and energetics of substorms. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1995, 57, 187-192.	0.9	5
8	The storm of March 1989 revisited: A fresh look at the event. <i>Advances in Space Research</i> , 2015, 55, 211-219.	2.6	5
9	Relationship between the ionospheric potential and the ground-level electric field in the southern polar cap. <i>Geomagnetism and Aeronomy</i> , 2011, 51, 383-393.	0.8	4
10	Analysis of latitudinal distribution of Pi2 geomagnetic pulsations using the generalized variance method. <i>Geomagnetism and Aeronomy</i> , 2014, 54, 308-315.	0.8	4
11	Substorm activity precursors in the dayside magnetic perturbations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1996, 58, 1293-1307.	0.9	3
12	Magnetic and optical measurements and signatures of reconnection in the cusp and vicinity. <i>Physics-Uspexhi</i> , 2015, 58, 612-620.	2.2	3
13	On the relationship between parameters of substorm current wedge and westward electrojet. <i>Advances in Space Research</i> , 1997, 20, 477-480.	2.6	2
14	Structure of auroral zone phenomena from the data of meridional chains of stations: the lower ionosphere during the expansion phase of magnetospheric substorms. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1991, 53, 275-279.	0.9	1
15	Double structure of ionospheric conductivity in the midnight auroral oval during a substorm. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1995, 57, 177-186.	0.9	1
16	Dynamics of field-aligned currents reconstructed by the ground-based and satellite data. <i>Geomagnetism and Aeronomy</i> , 2014, 54, 549-557.	0.8	1
17	<title>Fine structure of the polar ionosphere in the midnight auroral zone during substorm activity: relationship between auroral electrojets, riometer absorption, auroral luminosity, ionospheric conductivity, and field-aligned currents</title>. , 1993, , .		0