СПИСОК
публикаций, в которых излагаются основные научные результаты диссертации
на соискание ученой степени доктора физико-математических наук
по научной специальности 1.3.1. Физика космоса, астрономия
на тему: ***Моделирование магнитосферы на базе многолетних архивов космических и наземных данных,***
опубликованных в рецензируемых изданиях

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№ п/п	Название публика-ции на языке оригинала (при иноязыч-ном названии – перевод на англ. / русс. яз.)	Тип публика-ции	DOI	Наименование издания	ISSN издания	Выходные данные публикации (Номер тома, Номер части тома, Номер журнала, Страницы размещения публикации в журнале, Год)	Интернет - адрес публикации в журнале	Библиографическая база данных (eLIBRARY,Web of Science, Scopus и др.), в которой индексируется публикация	№ публика-ции в списке литературы диссертации	№ страницы диссертации, на которой приводится ссылка на публикацию	Объем публикации (печ,л/авт.л, личн. вклад)*	Соавторы
1	2	3	4	5	6	7	8	9	10	11	12	13
01	Determina-tion of the magneto-spheric current system parameters and deve-lopment of experimen-	Статья Q2	10.1016/0032-0633(82)90148-9	Planetary and Space Science Q2	0032-0633	Vol.30, issue 10, pp.985-998, ***1982***	https://doi.org/10.1016/0032-0633(82)90148-9	eLIBRARY, Web of Science, Scopus	A1	3, 4, 7, 10, 15	14/12	Usmanov, A.V.

	tal geomag-netic field models based on data from IMP and HEOS satellites											
02	Energetic particle losses and trapping boundaries as deduced from calculations with a realistic magnetic field model	Статья Q2	10.1016/0032-0633(82)90149-0	Planetary and Space Science Q2	0032-0633	Vol.30, issue 10, pp.999-1006, ***1982***	https://doi.org/10.1016/0032-0633(82)90149-0	eLIBRARY, Web of Science, Scopus	A2	4	8/5	Sergeev, V.A.
03	Effects of the dayside field-aligned currents in location and structure of polar cusps	Статья Q2	10.1016/0032-0633(84)90045-X	Planetary and Space Science Q2	0032-0633	Vol.32, issue 1, pp.97-104, ***1984***	https://doi.org/10.1016/0032-0633(84)90045-X	eLIBRARY, Web of Science, Scopus	A3	8	8/7	Usmanov, A.V.
04	On the non-adiabatic particle scattering in the Earth's magnetotail current sheet	Статья Q2	10.1016/0032-0633(85)90118-7	Planetary and Space Science Q2	0032-0633	Vol.33, issue 12, pp.1433-1437, ***1985***	https://doi.org/10.1016/0032-0633(85)90118-7	eLIBRARY, Web of Science, Scopus	A4	4	8/5	Popielawska, B, Szalinska-Piechota, E.

05	Global quantitative models of the geomagnetic field in the cislunar magnetosphere for different disturbance levels.	Статья Q2	10.1016/0032-0633(87)90046-8	Planetary and Space Science Q2	0032-0633	Vol.35, issue 11 pp.1347-1358, ***1987***	https://doi.org/10.1016/0032-0633(87)90046-8	eLIBRARY, Web of Science, Scopus	A5	3, 15	12/12	нет
06	A magnetospheric magnetic field model with a warped tail current sheet	Статья Q2	10.1016/0032-0633(89)90066-4	Planetary and Space Science Q2	0032-0633	Vol.37, issue 1, pp.5–20, 1989	https://doi.org/10.1016/0032-0633(89)90066-4	eLIBRARY, Web of Science, Scopus	A6	3, 4, 15	16/16	нет
07	A solution of the Chapman-Ferraro problem for an ellipsoidal magnetopause.	Статья Q2	10.1016/0032-0633(89)90076-7	Planetary and Space Science Q2	0032-0633	Vol.37, issue 9, pp.1037–1046, ***1989***	https://doi.org/10.1016/0032-0633(89)90076-7	eLIBRARY, Web of Science, Scopus	A7	5	10/10	нет
08	Quantitative models of the magnetospheric magnetic field: Methods and results	Обзорная статья Q1	10.1007/BF00168021	Space Science Reviews Q1	00386308, 15729672	Vol.54, pp.75–186, ***1990***	https://doi.org/10.1007/BF00168021	eLIBRARY, Web of Science, Scopus	A8	3	112/112	нет

09	Methods for quantitative modeling of the magnetic field from Birkeland currents	Статья Q2	10.1016/0032-0633(91)90058-i	Planetary and Space Science Q2	0032-0633	Vol.39, issue 4, pp.641–654, ***1991***	https://doi.org/10.1016/0032-0633(91)90058-I	eLIBRARY, Web of Science, Scopus	A9	6	10/10	нет
10	A global analytical representa-tion of the magnetic field produced by the region 2 Birkeland currents and the partial ring current	Статья Q2	10.1029/92JA02002	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.98, issue 4, pp.5677–5690, ***1993***	https://doi.org/10.1029/92JA02002	eLIBRARY, Web of Science, Scopus	A10	4	14/14	нет
11	Are existing magneto-spheric models excessively stretched?	Статья Q2	10.1029/93JA01150	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.98, issue 9, pp.15343–15354, ***1993***	https://doi.org/10.1029/93JA01150	eLIBRARY, Web of Science, Scopus	A11	3	12/10	Peredo, M., Stern, D.P.

12	Birkeland currents in the plasma sheet	Статья Q2	10.1029/93JA01922	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.98, issue 11, pp.19455–19464, ***1993***	https://doi.org/10.1029/93JA01922	eLIBRARY, Web of Science, Scopus	A12	6	10/9	Stern, D.P., Kaymaz, Z.
13	Analytical models of the magnetic field of disk-shaped current sheets	Статья Q2	10.1029/93JA02768	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.99, issue 1, pp.199–205, ***1994***	https://doi.org/10.1029/93JA02768	eLIBRARY, Web of Science, Scopus	A13	4, 14	7/7	Peredo, M.
14	A large magneto-sphere magnetic field database	Статья Q2	10.1029/94JA00255	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.99, issue 6, pp.11319–11326, ***1994***	https://doi.org/10.1029/94JA00255	eLIBRARY, Web of Science, Scopus	A14	13	7/4	Fairfield, D.H., Usmanov, A.V., Malkov, M.V.
15	Method for confining the magnetic field of the cross-tail current inside the magneto-pause	Статья Q2	10.1029/94JA01656	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.99, issue 10, pp.19393–19402, ***1994***	https://doi.org/10.1029/94JA01656	eLIBRARY, Web of Science, Scopus	A15	5	7/4	Sotirelis, T., Stern, D.P..

16	Hybrid state of the tail magnetic configura-tion during steady convection events	Статья Q2	10.1029/94JA01980	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.99, issue 12, pp.23571–23582, ***1994***	https://doi.org/10.1029/94JA01980	eLIBRARY, Web of Science, Scopus	A16	4	12/6	Sergeev, V.A., Pulkkinen, T.I., Pellinen, R.J.
17	Modeling the Earth's magneto-spheric magnetic field confined within a realistic magneto-pause	Статья Q2	10.1029/94JA03193	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.100, issue 4, pp.5599–5612, ***1995***	https://doi.org/10.1029/94JA03193	eLIBRARY, Web of Science, Scopus	A17	4, 5, 6, 10, 15	14/14	нет
18	Modeling the global magnetic field of the large-scale Birkeland current systems	Статья Q2	10.1029/96JA02735	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.101, issue 12, pp.27187–27198, ***1996***	https://doi.org/10.1029/96JA02735	eLIBRARY, Web of Science, Scopus	A18	4	12/11	Stern, D.P.
19	Testing the accuracy of magnetosp heric model field line mapping	Статья Q2	10.1029/96JA02489	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.101, issue 12, pp.27431–27442, ***1996***	https://doi.org/10.1029/96JA02489	eLIBRARY, Web of Science, Scopus	A19	11	12/10	Pulkkinen, T.I.

20	An empirical model of the substorm current wedge	Статья Q2	10.1029/97JA01904	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.102, issue 9, pp.19935–19941, ***1997***	https://doi.org/10.1029/97JA01904	eLIBRARY, Web of Science, Scopus	A20	7	7/7	нет
21	Global configu-ration of the magnetotail current sheet as derived from Geotail, Wind, IMP 8 and ISEE 1/2 data	Статья Q2	10.1029/97JA03621	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.103, issue 4, pp.6827–6841, ***1998***	https://doi.org/10.1029/97JA03621	eLIBRARY, Web of Science, Scopus	A21	8	13/11	Karlsson, S.B.P, Kokubun, S., Yamamoto, T., Lazarus, A.J., Ogilvie, K.W.
22	Disturban-ces in Mercury's magneto-sphere: Are the Mariner 10 "sub-storms" simply driven?	Статья Q2	10.1029/97JA03667	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.103, issue 5, pp.9113–9119, ***1998***	https://doi.org/10.1029/97JA03667	eLIBRARY, Web of Science, Scopus	A22	14	7/5	Luhmann, J.G., Russell, C.T.

23	Modeling of twisted/ warped magnetospheric configurations using the general deformation method	Статья Q2	10.1029/98JA02292	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.103, issue 10, pp.23551–23563, ***1998***	https://doi.org/10.1029/98JA02292	eLIBRARY, Web of Science, Scopus	A23	4, 6, 7, 15	13/13	нет
24	Magnetic signatures of the distant polar cusps: Observations by Polar and quantitative modeling	Статья Q2	10.1029/1999JA900279	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.104, issue 11, pp.24939–24955, ***1999***	https://doi.org/10.1029/1999JA900279	eLIBRARY, Web of Science, Scopus	A24	6, 8, 15	17/17	Russell, C.T.
25	Modeling the inner magnetosphere: The asymmetric ring current and Region 2 Birkeland currents revisited	Статья Q2	10.1029/2000JA000138	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.105, issue 12, pp.27739–27754, ***2000***	https://doi.org/10.1029/2000JA000138	eLIBRARY, Web of Science, Scopus	A25	4	16/16	нет

26	A model of the near magneto-sphere with a dawn-dusk asym-metry 1. Mathema-tical structure	Статья Q2	10.1029/2001JA000219	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.107, issue 8, 1179, ***2002***	https://doi.org/10.1029/2001JA000219	eLIBRARY, Web of Science, Scopus	A26	5, 6, 10, 15	17/17	нет
27	A model of the near magneto-sphere with a dawn-dusk asym-metry 2. Paramete-rization and fitting to observa-tions	Статья Q2	10.1029/2001JA000220	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.107, issue 8, 1176, ***2002***	https://doi.org/10.1029/2001JA000220	eLIBRARY, Web of Science, Scopus	A27	5, 6, 10, 15	17/17	нет
28	Tail plasma sheet models derived from Geotail particle data	Статья Q2	10.1029/2002JA009707	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.108, issue 3, 1136, ***2003***	https://doi.org/10.1029/2002JA009707	eLIBRARY, Web of Science, Scopus	A28	12, 15	15/13	Mukai, T.
29	Storm-time distortion of the inner magneto-sphere: How severe can it get?	Статья Q2	10.1029/2002JA009808	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.108, issue 5, 1209, ***2003***	https://doi.org/10.1029/2002JA009808	eLIBRARY, Web of Science, Scopus	A29	10	15/13	Singer, H.J., Kasper, J.C.

30	Global shape of the magnetotail current sheet as derived from Geotail and Polar data	Статья Q2	10.1029/2003JA010062	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.109, issue A03218, ***2004***	https://doi.org/10.1029/2003JA010062	eLIBRARY, Web of Science, Scopus	A30	7, 8, 15	11/10	Fairfield, D.H.
31	Determination of the properties of Mercury's magnetic field by the MESSENGER mission	Статья Q2	10.1016/j.pss.2003.12.008	Planetary and Space Science Q2	0032-0633	Vol.52, issue 8, pp.733-746, ***2004***	https://doi.org/10.1016/j.pss.2003.12.008	eLIBRARY, Web of Science, Scopus	A31	14	8/5	Korth, H., Anderson, B., Acuna, M.H., Slavin, J.A., Solomon, S.C., McNutt, R.L.
32	Observations and model predictions of substorm auroral asymmetries in the conjugate hemispheres	Статья Q1	10.1029/2004GL022166	Geophysical Research Letters Q1	1944-8007	Vol.32, issue 5, L05111, ***2005***	https://doi.org/10.1029/2004GL022166	eLIBRARY, Web of Science, Scopus	A32	7	4/3	Ostgaard, N., Mende, S.B., Frey, H.U., Immel, T.J., Fillingim, M., Frank, L.A., Sigwarth, J.B.
33	Modeling the dynamics of the inner magnetosphere during strong geomagnetic storms	Статья Q2	10.1029/2004JA010798	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.110, issue A03208, ***2005***	https://doi.org/10.1029/2004JA010798	eLIBRARY, Web of Science, Scopus	A33	4, 5, 6, 15	16/14	Sitnov, M.I.

34	Modeling inner magneto-spheric electric fields: latest self-consistent results	Статья в моно-графии	10.1029/155GM	*The Inner Magnetosphere: Physics and Modeling,* Geophysical Monograph Ser. 155, AGU, Eds. T.I.Pulkkinen, N.A.Tsyganen-ko, and R. Friedel	0065-8448	***2005***	https://doi.org/10.1029/155GM28	eLIBRARY, Web of Science, Scopus	A34	10	7/2	Sazykin, S., Spiro, R.W., Wolf, R.A., Toffoletto, F.R., Goldstein, J.,Hairston, M.
35	Solar wind parameters for magneto-spheric magnetic field modeling	Статья Q1	10.1029/2006SW00296	Space Weather Q1	15427390	Vol.5, issue S11003, ***2007***	https://doi.org/10.1029/2006SW000296	eLIBRARY, Web of Science, Scopus	A35	10, 15	11/4	Qin, Z., Denton, R.E., Wolf, S.
36	Magneto-spheric configura-tions from a high-resolution data-based magnetic field model	Статья Q2	10.1029/2007JA012260	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.112, issue A06225, ***2007***	https://doi.org/10.1029/2007JA012260	eLIBRARY, Web of Science, Scopus	A36	4, 6	18/12	Sitnov, M.I.
37	A quantita-tive assess-ment of empirical magnetic field models at geosynchro nous orbit during magnetic storms	Статья Q2	10.1029/2007JA012623	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.113, issue A04208, ***2008***	https://doi.org/10.1029/2007JA012623	eLIBRARY, Web of Science, Scopus	A37	10	10/4	Huang, C.-L., Spence, H.E., Singer, H.J.

38	Dynamical data-based modeling of the storm-time geomag-netic field with enhanced spatial resolution.	Статья Q2	10.1029/2007JA013003	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.113, issue A07218, ***2008***	https://doi.org/10.1029/2007JA013003	eLIBRARY, Web of Science, Scopus	A38	11, 15	24/12	Sitnov, M.I. Ukhorskiy, A.Y., Brandt, P.C.
39	Dynamical response of the magnetotail to changes of the solar wind direction: an MHD modeling perspective	Статья Q2	10.5194/angeo-26-2395-2008	Annales Geophysicae Q2	09927689, 14320576	Vol.26, issue 8, pp.2395–2402, ***2008***	https://doi.org/10.5194/angeo-26-2395-2008	eLIBRARY, Web of Science, Scopus	A39	8	8/2	Sergeev, V.A., Angelopoulos, V.
40	Magnetic field and electric currents in the vicinity of polar cusps as inferred from Polar and Cluster data	Статья Q2	10.5194/angeo-27-1573-2009	Annales Geophysicae Q2	09927689, 14320576	Vol.27, issue 4, pp.1573–1582, ***2009***	https://doi.org/10.5194/angeo-27-1573-2009	eLIBRARY, Web of Science, Scopus	A40	8, 15	10/10	нет

41	On the reconstruction of magnetospheric plasma pressure distributions from empirical geomagnetic field models	Статья Q2	10.1029/2009JA015012	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.115, issue A07211 ***2010***	https://doi.org/10.1029/2009JA015012	eLIBRARY, Web of Science, Scopus	A41	12, 15	11/11	нет
42	Empirical modeling of a CIR-driven magnetic storm	Статья Q2	10.1029/2009JA015169	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.115, issue A07231 ***2010***	https://doi.org/10.1029/2009JA015169	eLIBRARY, Web of Science, Scopus	A42	11, 15	20/14	Sitnov, M.I., Ukhorskiy, A.Y., Anderson, B.J., Korth, H., Lui, A.T.Y., Brandt, P.C.
43	Magnetic effects of the substorm current wedge in a “spread-out wire” model and their comparison with ground, geosynchronous, and tail lobe data	Статья Q2	10.1029/2011JA016471	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.116, issue A07218 ***2011***	https://doi.org/10.1029/2011JA016471	eLIBRARY, Web of Science, Scopus	A43	6	11/6	Sergeev, V.A., Smirnov, M.V., Nikolaev, A.V., Singer, H.J., Baumjohann, W.
44	Data-based modelling of the Earth’s dynamic	Статья Q2	10.5194/angeo-31-1745	Annales Geophysicae Q2	09927689, 14320576	Vol.31, issue 10, pp.1745–1772, ***2013***	https://doi.org/10.5194/angeo-31-1745-2013	eLIBRARY, Web of Science, Scopus	A44	3, 14	28/28	нет

	magneto-sphere: a review		- 2013									
45	Empirical reconstruction of storm time steady magneto-spheric convection events	Статья Q2	10.1002/jgra.50592	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.118, issue 10, pp.6434–6456, ***2013***	https://doi.org/10.1002/jgra.50592	eLIBRARY, Web of Science, Scopus	A45	11, 15	23/10	Stephens, G.K., Sitnov, M.I., Kissinger J., McPherron, R.L., Korth, H., Anderson B.J.
46	Data-based modeling of the geomag-netosphere with an IMF-dependent magnetopause	Статья Q2	10.1002/2013JA019346	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.119, issue 01, pp.335–354, ***2014***	https://doi.org/10.1002/2013JA019346	eLIBRARY, Web of Science, Scopus	A46	5, 6, 7, 15	20/20	нет
47	Testing a two-loop pattern of the substorm current wedge	Статья Q2	10.1002/2013JA019629	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.119, issue 02, pp.947–963, ***2014***	https://doi.org/10.1002/2013JA019629	eLIBRARY, Web of Science, Scopus	A47	7	17/6	Sergeev, V.A., Nikolaev, A.V., Angelopoulos, V., Runov, A.V., Singer, H.J., и др.
48	Event study combining magneto-spheric and ionospheric perspec-tives of the substorm current wedge modeling	Статья Q2	10.1002/2014JA020522	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.119, issue 12, pp.9714–9728, ***2014***	https://doi.org/10.1002/2014JA020522	eLIBRARY, Web of Science, Scopus	A48	7	15/7	Sergeev, V.A., Nikolaev, A.V., Kubyshkina, M.V., Singer, H.J., Rodriguez J.V. и др.

49	On the "bowl-shaped" deforma-tion of planetary equatorial current sheets	Статья Q1	10.1002/2014GL059295	Geophysical Research Letters Q1	1944-8007	Vol.41, issue 4, pp.1079–1084, ***2014***	https://doi.org/10.1002/2014GL059295	eLIBRARY, Web of Science, Scopus	A49	7, 8, 15	7/6	Andreeva V.A.
50	Internally and exter-nally induced deforma-tions of the magneto-spheric equatorial current as inferred from space-craft data	Статья Q2	10.5194/angeo-33-1-2015	Annales Geophysicae Q2	09927689, 14320576	Vol.33, issue 01, pp.01–11, ***2015***	https://doi.org/10.5194/angeo-33-1-2015	eLIBRARY, Web of Science, Scopus	A50	7, 15	11/9	Andreeva V.A., Gordeev, E.I.
51	Low-altitu-de magne-tic field measure-ments by MESSEN-GER reveal Mercury's ancient crustal field	Статья Q1	10.1126/science.aaa8720	Science	0036-8075 1095-9203	Vol.348, issue 6237, pp.892–895, ***2015***	https://doi.org/10.1126/science.aaa8720	eLIBRARY, Web of Science, Scopus	A51	14, 16	4/1	Johnson, C.L., Phillips, R.J., Purucker, M.E., AndersonB.J., Byrne, P.K., и др.
52	Modular model for Mercury's magneto-spheric magnetic field confined within the average	Статья Q2	10.1002/2015JA021022	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.120, issue 06, pp.4503–4518, ***2015***	https://doi.org/10.1002/2015JA021022	eLIBRARY, Web of Science, Scopus	A52	14, 16	16/12	Korth, H., Johnson, C.L., Philpott, L.C., Anderson, B.J., Al Asad, M.M., и др.

	observed magnetopause											
53	Further evidence for the role of magneto-tail current shape in substorm initiation	Статья Q2	10.1186/s40623-015-0304-1	Earth, Planets and Space Q2	13438832, 18805981	Vol.67:139, ***2015***	https://doi.org/10.1186/s40623-015-0304-1	eLIBRARY, Web of Science, Scopus	A53	8	12/5	Kubyshkina, M., Semenov, V., Kubysh-kina, D., Partamies, N., Gordeev, E.
54	A quanti-tative study of magneto-spheric magnetic field line deforma-tion by a two-loop substorm current wedge	Статья Q2	10.5194/angeo-33-505-2015	Annales Geophysicae Q2	09927689, 14320576	Vol.33, issue 04, pp.505-517, ***2015***	https://doi.org/10.5194/angeo-33-505-2015	eLIBRARY, Web of Science, Scopus	A54	7	13/5	Nikolaev, A.V., Sergeev, V.A., Kubyshkina, M.V., Opgenoorth, H., Singer, H.J., и др.
55	A forecas-ting model of the mag-netosphere driven by an optimal solar wind coupling function	Статья Q2	10.1002/2015JA021641	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.120, issue 06, pp.8401–8425, ***2015***	https://doi.org/10.1002/2015JA021641	eLIBRARY, Web of Science, Scopus	A55	4, 6, 7, 8, 15	25/20	Andreeva V.A.
56	Empirical modeling of the storm time innermost magneto-sphere using Van	Статья Q2	10.1002/2015JA021700	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.121, issue 01, pp.157–170, ***2016***	https://doi.org/10.1002/2015JA021700	eLIBRARY, Web of Science, Scopus	A56	11, 15	14/7	Stephens, G.K., Sitnov, M.I., Ukhorsky, A.Y., Roelof, E.C., Le, G.

	Allen Probes and THEMIS data: Eastward and banana currents											
57	Reconstru-cting the magneto-sphere from data using radial basis functions	Статья Q2	10.1002/2015JA022242	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.121, issue 03, pp.2249–2263, ***2016***	https://doi.org/10.1002/2015JA022242	eLIBRARY, Web of Science, Scopus	A57	9, 15	15/12	Andreeva V.A.
58	Do we know the actual mag-netopause position for typical solar wind conditions	Статья Q2	10.1002/2016JA022471	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.121, issue 07, pp.6493–6508, ***2016***	https://doi.org/10.1002/2016JA022471	eLIBRARY, Web of Science, Scopus	A58	5	16/5	Samsonov A.A., Gordeev, E.I., Safrankova, J., Nemecek, Z., Simunek, J., и др.
59	Magneto-tail magne-tic flux mo-nitoring ba-sed on simultane-ous solar wind and magneto-tail observa-tions	Статья Q2	10.1002/2016JA022911	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.121, issue 09, pp.8821–8839, ***2016***	https://doi.org/10.1002/2016JA022911	eLIBRARY, Web of Science, Scopus	A59	10	19/4	Shukhtina M.A., Gordeev, E.I., Sergeev, V.A., Clausen, L.B.N., Milan, S.E.

60	An empirical RBF model of the magnetosphere parameterized by interplanetary and ground-based drivers	Статья Q2	10.1002/2016JA023217	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.121, issue 11, pp.10786-10802, ***2016***	https://doi.org/10.1002/2016JA023217	eLIBRARY, Web of Science, Scopus	A60	9, 15	17/13	Andreeva V.A.
61	A dynamic model of Mercury's magnetospheric magnetic field	Статья Q1	10.1002/2017GL074699	Geophysical Research Letters	1944-8007	Vol.44, issue 20, pp.10147–10154, ***2017***	https://doi.org/10.1002/2017GL074699	eLIBRARY, Web of Science, Scopus	A61	14, 16	8/4	Korth, H., Johnson, C.L., Philpott, L., Anderson, B.J.
62	A hybrid approach to empirical magnetosphere modeling	Статья Q2	10.1002/2017JA024359	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.122, issue 08, pp.8198–8213, ***2017***	https://doi.org/10.1002/2017JA024359	eLIBRARY, Web of Science, Scopus	A62	10, 15	16/13	Andreeva V.A.
63	Empirical modeling of the quiet and storm time geosynchronous magnetic field	Статья Q1	10.1002/2017SW001684	Space Weather Q1	15427390	Vol.16, issue 01, pp.16–36, ***2018***	https://doi.org/10.1002/2017SW001684	eLIBRARY, Web of Science, Scopus	A63	11, 15	21/12	Andreeva V.A.
64	Building the magnetosphere from magnetic bubbles	Статья Q1	10.1029/2018GL078714	Geophysical Research Letters Q1	1944-8007	Vol.45, issue 13, pp.6382–6389, ***2018***	https://doi.org/10.1029/2018GL078714	eLIBRARY, Web of Science, Scopus	A64	9, 15	8/7	Andreeva V.A.

65	Magneto-tail confi-guration during a steady convection event as observed by low-altitude and magneto-spheric spacecraft	Статья Q2	10.1029/2018JA025867	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.123, issue 10, pp.8390–8406, ***2018***	https://doi.org/10.1029/2018JA025867	eLIBRARY, Web of Science, Scopus	A65	4	17/4	Sergeev, V.A., Angelopoulos, V., Runov, A.V., Singer, H.J.
66	Empirical modeling of dayside magnetic structures associated with polar cusps	Статья Q2	10.1029/2018JA025881	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.123, issue 11, pp.9078–9092, ***2018***	https://doi.org/10.1029/2018JA025881	eLIBRARY, Web of Science, Scopus	A66	7, 9, 15	15/12	Andreeva V.A.
67	Global empirical picture of magneto-spheric substorms inferred from multi-mission magneto-meter data	Статья Q2	10.1029/2018JA025843	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.124, issue 02, pp.1085–1110, ***2019***	https://doi.org/10.1029/2018JA025843	eLIBRARY, Web of Science, Scopus	A67	11, 15	26/14	Stephens, G.K., Sitnov, M.I., Korth, H., Ohtani, S., Gkioulidou, M.

68	Empirical modeling of the geo-magneto-sphere for SIR and CME-driven magnetic storms	Статья Q2	10.1029/2018JA026008	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.124, issue 07, pp.5641–5662, ***2019***	https://doi.org/10.1029/2018JA026008	eLIBRARY, Web of Science, Scopus	A68	9, 15	12/6	Andreeva V.A.
69	Testing efficiency of empirical, adaptive, and global MHD magnetospheric models to represent the geomagnetic field in a variety of conditions	Статья Q1	10.1029/2019SW002157	Space Weather Q1	15427390	Vol.17, issue 5, pp.672–686, ***2019***	https://doi.org/10.1029/2019SW002157	eLIBRARY, Web of Science, Scopus	A69	10	15/3	Kubyshkina, M.V., Sergeev, V.A., Zheng, Y.
70	Signatures of nonideal plasma evolution during substorms obtained by mining multimission magnetometer data	Статья Q2	10.1029/2019JA027037	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.124, issue 11, pp.8427–8456, ***2019***	https://doi.org/10.1029/2019JA027037	eLIBRARY, Web of Science, Scopus	A70	4, 11, 15	40/20	Sitnov, M.I., Stephens, G.K., Miyashita, Y., Merkin, V.G., Motoba, T., и др.

71	Reconstruction of local magnetic structures by a modified radial basis function method	Статья Q2	10.1029/2019JA027078	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.124, issue 12, pp.10141–10152, ***2019***	https://doi.org/10.1029/2019JA027078	eLIBRARY, Web of Science, Scopus	A71	9	12/4	Chen, W., Wang, X., Andreeva, V.A., Semenov, V.S
72	Secular drift of the auroral ovals: how fast do they actually move?	Статья Q1	10.1029/2019GL082159	Geophysical Research Letters Q1	1944-8007	Vol.46, issue 06, pp.3017–3023, ***2019***	https://doi.org/10.1029/2019GL082159	eLIBRARY, Web of Science, Scopus	A72	13, 15	7/7	нет
73	Reconstruction of extreme geomagnetic storms: Breaking the data paucity curse	Статья Q1	10.1029/2020SW002561	Space Weather Q1	15427390	Vol.18, issue 10, e2020SW002561, ***2020***	https://doi.org/10.1029/2020SW002561	eLIBRARY, Web of Science, Scopus	A73	11, 15	23/5	Sitnov, M.I., Stephens, G.K., Korth, H., Roelof, E.C., Brandt, P.C., и др.

74	Storm time plasma pressure inferred from multi-mission measure-ments and its validation using Van Allen Probes Particle Data	Статья Q1	10.1029/2020SW02583	Space Weather Q1	15427390	Vol.18, issue 12, e2020SW002583, ***2020***	https://doi.org/10.1029/2020SW002583	eLIBRARY, Web of Science, Scopus	A74	11, 12, 15	25/5	Stephens, G.K., Bingham, S.T., Sitnov, M.I., Gkioulidou, M., Merkin, V.G.
75	Magneto-spheric "penetra-tion" of IMF By viewed through the lens of an empirical RBF modeling	Статья Q2	10.1029/2019JA027439	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.125, issue 01, e2019JA027439 ***2020***	https://doi.org/10.1029/2019JA027439	eLIBRARY, Web of Science, Scopus	A75	7, 15	12/10	Andreeva, V.A.
76	Reconstru-ction of magneto-spheric storm-time dynamics using cylin-drical basis functions and multi-mission data mining	Статья Q2	10.1029/2020JA028390	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.126, issue 02, e2020JA028390 ***2021***	https://doi.org/10.1029/2020JA028390	eLIBRARY, Web of Science, Scopus	A76	9, 15	22/20	Andreeva, V.A., Sitnov, M.I.

77	Recons-tructing substorms via histori-cal data mining: is it really feasible?	Статья Q2	10.1029/2020JA029604	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.126, issue 10, e2021JA029604 ***2021***	https://doi.org/10.1029/2021JA029604	eLIBRARY, Web of Science, Scopus	A77	9, 11, 15	14/12	Andreeva, V.A., Sitnov, M.I., Stephens, G.K., Gjerloev, J.W., Chu, X., и др.
78	Data-Based Modeling of the Earth's Magnetic Field	Глава в моно-графии	10.1002/9781119815624.ch39	Magnetospheres in the Solar System, Geophysical Monograph 259,American Geophysical Union, Wiley	ISBN:9781119815624	AGU Monograph, v.259 ***2021***	https://doi.org/10.1002/9781119815624.ch39	eLIBRARY, Web of Science, Scopus	A78	3, 6	19/19	Andreeva, V.A., Kubyshkina, M. V., Sitnov, M.I., Stephens, G.K.
79	Magneto-sphere dis-tortions during the "Satellite killer" storm of February 3–4, 2022, as derived from a hybrid empirical model and archived data mining	Статья Q2	10.1029/2022JA031006	Journal of Geophysical Research Space Physics Q2	21699380, 21699402	Vol.127, issue 12, e2022JA031006 ***2022***	https://doi.org/10.1029/2022JA031006	eLIBRARY, Web of Science, Scopus	A79	10, 11, 15	18/16	Andreeva, V.A., Sitnov, M.I., Stephens, G.K.
80	A lifetime with models, or toils and thrills of number crunching	Статья Q1	10.3389/fspas.2022.934216	Frontiers in Astronomy and Space Science Q1	2296987X	9:934216, ***2022***	https://doi.org/10.3389/fspas.2022.934216	eLIBRARY, Web of Science, Scopus	A80	3	6/6	нет

Подтверждаю, что все основные научные результаты моей диссертации «***Моделирование магнитосферы на базе многолетних архивов космических и наземных данных***» опубликованы в вышеприведенных ***80*** публикациях, в том числе: в рецензируемых научных изданиях из перечня, утвержденного Минобрнауки РФ - «***0***» публикаций; в изданиях, индексируемых в наукометрических базах данных Web of Science и Scopus - «***80***» публикаций.

Вышеуказанные публикации прилагаются на электронном носителе.

08.02.2023 ***Цыганенко Н. А.***