

**Bibliography from ADS file: obridko.bib**  
**September 14, 2022**

- Obridko, V. N., Katsova, M. M., & Sokoloff, D. D., “Solar and stellar activity cycles - no synchronization with exoplanets”, 2022MNRAS.516.12510 ADS
- Katsova, M. M., Obridko, V. N., Sokoloff, D. D., & Livshits, I. M., “Solar and Stellar Flares: Frequency, Active Regions, and Stellar Dynamo”, 2022ApJ...936...49K ADS
- Sagitov, T., Obridko, V., Khabarova, O., & Kislov, R., “What determines the number of current sheets at 1 AU?”, 2022cosp...44.1507S ADS
- Obridko, V., Sokoloff, D., Livshits, I., & Katsova, M., “Solar and stellar flares: occurrence frequency, properties of active regions and efficiency of stellar dynamo”, 2022cosp...44.11380 ADS
- Vorobev, D., Obridko, V., Khabarova, O., Blumenau, M., & Fridman, M., “Automated detection of solar magnetic tornadoes based on computer vision methods”, 2022cosp...44.1135V ADS
- Obridko, V., Sokoloff, D., Livshits, I., Shelting, B., & Katsova, M., “Clarifying physical properties of magnetic fields in sunspots”, 2022cosp...44.11330 ADS
- Chowdhury, P., Sarp, V., Kilcik, A., et al., “A non-linear approach to predicting the amplitude and timing of the sunspot area in cycle 25”, 2022MNRAS.513.4152C ADS
- Zagainova, Y. S., Fainshtein, V. G., Obridko, V. N., & Rudenko, G. V., “Study of the Magnetic Properties of Sunspot Umbrae”, 2022ARep...66...116Z ADS
- Nandy, D., Martens, P. C. H., Obridko, V., Dash, S., & Georgieva, K., “Solar evolution and extrema: current state of understanding of long-term solar variability and its planetary impacts”, 2021PEPS...8...40N ADS
- Katsova, M. M., Obridko, V. N., Sokoloff, D. D., & Livshits, I. M., “Estimating the Energy of Solar and Stellar Superflares”, 2021Ge&Ae...61.1063K ADS
- Veretenenko, S. V., Ogurtsov, M. G., Obridko, V. N., & Tlatov, A. G., “Long-Term Variations in Coronal Hole Areas and Occurrence of Magnetic Storms with Gradual Commencements”, 2021Ge&Ae...61...964V ADS
- Veretenenko, S., Ogurtsov, M., Obridko, V., & Tlatov, A., “Long-term evolution of coronal holes on the Sun and occurrence frequencies of magnetic storms with gradual commencements”, 2021JPhCS2103a2038V ADS
- Obridko, V. N., Sokoloff, D. D., Pipin, V. V., Shibalva, A. S., & Livshits, I. M., “Zonal harmonics of solar magnetic field for solar cycle forecast”, 2021JASTP.225057430 ADS
- Obridko, V. N., Sokoloff, D. D., Pipin, V. V., & Shibalova, A. S., “Medium-Term Oscillations of the Solar Activity”, 2021simi.conf...660 ADS
- Obridko, V. N., Pipin, V. V., Sokoloff, D., & Shibalova, A. S., “Solar large-scale magnetic field and cycle patterns in solar dynamo”, 2021MNRAS.504.49900 ADS
- Pezzi, O., Pecora, F., Le Roux, J., et al., “Current Sheets, Plasmoids and Flux Ropes in the Heliosphere. Part II: Theoretical Aspects”, 2021SSRv...217...39P ADS
- Khabarova, O., Malandraki, O., Malova, H., et al., “Current Sheets, Plasmoids and Flux Ropes in the Heliosphere. Part I. 2-D or not 2-D? General and Observational Aspects”, 2021SSRv...217...38K ADS
- Veretenenko, S., Ogurtsov, M., & Obridko, V., “Corrigendum to “Long-term variability in occurrence frequencies of magnetic storms with sudden and gradual commencements” [J. Atmos. Sol.Terr. Phys. 205 (2020) 105295]”, 2021JASTP.21405549V ADS
- Obridko, V. N., “Large-scale magnetic field of the Sun: Evolution of ideas”, 2021A&AT...32...3050 ADS
- Obridko, V. N., Abunin, A. A., Georgieva, K., et al., “Some Features of the Present-day Transition Period in Solar Activity”, 2020Ge&Ae...60.10070 ADS
- Obridko, V. N., Fainshtein, V. G., Zagainova, Y. S., & Rudenko, G. V., “Magnetic Coupling of the Solar Hemispheres During the Solar Cycle”, 2020SoPh...295...1490 ADS
- Sokoloff, D. D., Shibalova, A. S., Obridko, V. N., & Pipin, V. V., “Shape of solar cycles and mid-term solar activity oscillations”, 2020MNRAS.497.4376S ADS
- Obridko, V. N., Ragulskaya, M. V., & Khranova, E. G., “Young Sun, galactic processes, and origin of life”, 2020JASTP.208053950 ADS
- Shibalova, A. S., Obridko, V. N., Sokoloff, D. D., & Pipin, V. V., “Solar Quadrupole in Tensor Description”, 2020ARep...64...855S ADS
- Katsova, M. M., Obridko, V. N., Sokoloff, D. D., & Livshits, I. M., “On Superflares on the Sun and Stars”, 2020simi.conf...25K ADS
- Veretenenko, S., Ogurtsov, M., & Obridko, V., “Long-term variability in occurrence frequencies of magnetic storms with sudden and gradual commencements”, 2020JASTP.20505295V ADS
- Obridko, V. & Badalyan, O., “Differential rotation of the solar corona and its importance for helioseismology”, 2020EGUGA...22.37100 ADS
- Deminov, M. G., Nepomnyashchaya, E. V., & Obridko, V. N., “Solar Activity Indices for Ionospheric Parameters in the 23rd and 24th Cycles”, 2020Ge&Ae...60...1D ADS
- Obridko, V. N., Sokoloff, D. D., Shelting, B. D., Shibalova, A. S., & Livshits, I. M., “Cyclic variations in the main components of the solar large-scale magnetic field”, 2020MNRAS.492.55820 ADS
- Sokoloff, D. D., Obridko, V. N., Livshits, I. M., & Shibalova, A. S., “Cycle-dependent and cycle-independent surface tracers of solar magnetic activity”, 2020IAUGA...30...342S ADS
- Ragulskaya, M., Khranova, E., & Obridko, V., “Physical conditions in the early Solar system and life origin: compatible models”, 2020IAUS...345...347R ADS
- Obridko, V. N. & Badalyan, O. G., “Solar Corona as Indicator of Differential Rotation of Subphotospheric Layers”, 2020CosRe...57...4070 ADS
- Chowdhury, P., Kilcik, A., Yurchyshyn, V., Obridko, V. N., & Rozelot, J. P., “Analysis of the Hemispheric Sunspot Number Time Series for the Solar Cycles 18 to 24”, 2019SoPh...294...142C ADS
- Ragulskaya, M. V., Khranova, E. G., & Obridko, V. N., “The Young Sun, Conditions on the Early Earth, and the Origin of Life”, 2018Ge&Ae...58...877R ADS
- Badalyan, O. G. & Obridko, V. N., “Differential Rotation of the Solar Corona from Magnetic Field Data”, 2018AstL...44...727B ADS
- Deminov, M. G., Nepomnyashchaya, E. V., & Obridko, V. N., “Properties of the Ionosphere at the Fall and Minimum Phases of the Latest Solar Cycles”, 2018stpc.conf...72D ADS
- Badalyan, O. G. & Obridko, V. N., “Magnetic Field as a Tracer for Studying the Differential Rotation of the Solar Corona”, 2018SoPh...293...128B ADS
- Kirov, B., Asenovski, S., Georgieva, K., Obridko, V. N., & Maris-Muntean, G., “Forecasting the sunspot maximum through an analysis of geomagnetic activity”, 2018JASTP.176...42K ADS
- Obridko, V. & Georgieva, K., “Solar activity in the following decades”, 2018JASTP.176...10 ADS
- Zagainova, I., Obridko, V., Rudenko, G., & Fainshtein, V., “Do the sunspot umbra magnetic field characteristics vary during flares and coronal mass ejections?”, 2018cosp...42E3795Z ADS
- Khabarova, O., Bemporad, A., Obridko, V., et al., “Sources and transport of energetic particles at high heliolatitudes”, 2018cosp...42E1739K ADS
- Deminov, M. G., Belov, A. V., Nepomnyashchaya, E. V., & Obridko, V. N., “Parameters of the Geomagnetic Activity, Thermosphere, and Ionosphere for the Ultimately Intense Magnetic Storm”, 2018Ge&Ae...58...501D ADS
- Kilcik, A., Yurchyshyn, V., Sahin, S., et al., “The evolution of flaring and non-flaring active regions”, 2018MNRAS.477...293K ADS
- Kilcik, A., Yurchyshyn, V., Donmez, B., et al., “Temporal and Periodic Variations of Sunspot Counts in Flaring and Non-Flaring Active Regions”, 2018SoPh...293...63K ADS
- Obridko, V. N. & Shelting, B. D., “Some Statistical Properties of Magnetic Fields and Sunspots”, 2018RNAAS...2...400 ADS
- Ragulskaya, M. V. & Obridko, V. N., “The Sun and the Biosphere: the Paradoxes of 4 Billion Years of Coexistence”, 2017RRPRA...22...276R ADS
- Obridko, V. N., Livshits, I. M., & Sokoloff, D. D., “Two populations of the solar magnetic field”, 2017MNRAS.472.25750 ADS
- Zagainova, Y. S., Fainshtein, V. G., Obridko, V. N., & Rudenko, G. V., “Comparison of Magnetic Properties and Shadow Area of Leading and Trailing Spots with Different Asymmetries”, 2017Ge&Ae...57...946Z ADS
- Zagainova, Y. S., Fainshtein, V. G., Rudenko, G. V., & Obridko, V. N., “Some Features of the Variation of the Magnetic Field Characteristics in the Umbra of Sunspots During Flares and Coronal Mass Ejections”, 2017Ge&Ae...57...835Z ADS
- Zagainova, I. S., Fainshtein, V. G., Rudenko, G. V., & Obridko, V. N., “On the nature of the magnetic field asymmetry in magnetically coupled leading and following sunspots observed in active regions with no eruptive events”, 2017arXiv171108895Z ADS
- Obridko, V. N. & Shelting, B. D., “Meridional component of the large-scale magnetic field at minimum and characteristics of the subsequent solar activity cycle”, 2017AstL...43...6970 ADS
- Badalyan, O. G. & Obridko, V. N., “North-south asymmetry of solar activity as a superposition of two realizations - the sign and absolute value”, 2017A&A...603A.109B ADS
- Zagainova, Y. S., Fainshtein, V. G., Obridko, V. N., & Rudenko, G. V., “Comparison of the magnetic properties of leading and following spots and the underlying ultraviolet emission”, 2017ARep...61...533Z ADS
- Badalyan, O. G. & Obridko, V. N., “22-year cycle of differential rotation of the solar corona and the rule by Gnevyshev-Ohl”, 2017MNRAS.466.4535B ADS
- Khabarova, O., Malova, H., Kislov, R., et al., “Polar conic current sheets as sources and channels of energetic particles in the high-latitude heliosphere”, 2017EGUGA...1918130K ADS
- Obridko, V. N. & Vaisberg, O. L., “On the history of the solar wind discovery”, 2017SoSyR...51...1650 ADS

- Shibalova, A. S., Obridko, V. N., & Sokoloff, D. D., “Intermittency of the Solar Magnetic Field and Solar Magnetic Activity Cycle”, 2017SoPh..292...44S ADS
- Khavarova, O. V., Malova, H. V., Kislov, R. A., et al., “High-latitude Conic Current Sheets in the Solar Wind”, 2017ApJ...836..108K ADS
- Zagainova, I. S., Fainshtein, V. G., Obridko, V. N., & Rudenko, G. V., “Magnetic field variations in the umbra of single sunspots during their passage across the solar disk”, 2016Ge&Ae..56.1015Z ADS
- Kuznetsov, V. D., Zelenyi, L. M., Zimovets, I. V., et al., “The Sun and heliosphere explorer - the InterhelioProbe mission”, 2016Ge&Ae..56..781K ADS
- Deminov, M. G., Nepomnyashchaya, E. V., & Obridko, V. N., “Properties of solar activity and ionosphere for solar cycle 25”, 2016Ge&Ae..56..742D ADS
- Shibalova, A. S., Obridko, V. N., & Sokoloff, D. D., “The phase shift between the hemispheres in the solar activity cycle”, 2016ARep...60..949S ADS
- Obridko, V. N. & Shelting, B. D., “On the negative correlation between solar activity and solar rotation rate”, 2016AstL...42..631O ADS
- Khavarova, O., Kislov, R., Malova, H., & Obridko, V., “A cylindrical current sheet over the South solar pole observed by Ulysses”, 2016EGUGA..1818076K ADS
- Barkhatov, N. A., Obridko, V. N., Revunov, S. E., et al., “Long-period geomagnetic pulsations as solar flare precursors”, 2016Ge&Ae..56..249B ADS
- Kirov, B., Asenovski, S., Georgieva, K., & Obridko, V. N., “What causes geomagnetic activity during sunspot minimum?”, 2015Ge&Ae..55.1033K ADS
- Zagainova, I. S., Fainshtein, V. G., & Obridko, V. N., “Leading and following sunspots: their magnetic properties and ultra-violet emission above them”, 2015arXiv151107229Z ADS
- Gromozova, E., Rudenchik, E., Ragulskaya, M., Obridko, V., & Hramova, E., “The relative role of space weather factors in Chizhevsky Velkhover effect”, 2015simi.conf...96G ADS
- Nagovitsyn, Y. A., Obridko, V. N., & Kuleshova, A. I., “The Upper Limit of Sunspot Activity as Observed over a Long Time Interval”, 2015SoPh..290.1285N ADS
- Zagainova, Y. S., Fainshtein, V. G., Rudenko, G. V., & Obridko, V. N., “A comparative analysis of the properties of the magnetic fields in leading and trailing sunspots”, 2015ARep...59..156Z ADS
- Zagainova, Y. S., Fainshtein, V. G., & Obridko, V. N., “Comparison of the properties of leading and trailing sunspots”, 2015Ge&Ae..55...13Z ADS
- Obridko, V. N. & Shelting, B. D., “Coronal Holes in Global Complexes of Activity”, 2015AdAst2015E...70 ADS
- Ivanov, E. V. & Obridko, V. N., “Role of the large-scale solar magnetic field structure in the global organization of solar activity”, 2014Ge&Ae..54..996I ADS
- Obridko, V. N. & Badalyan, O. G., “Cyclic and secular variations sunspot groups with various scales”, 2014ARep...58..936O ADS
- Obridko, V. N., Chertoprud, V. E., & Kuzanyan, K. M., “North-South Asymmetry in the Distribution of Solar Background Magnetic Field”, 2014SoPh..289.2867O ADS
- Gushchina, R. T., Belov, A. V., Eroshenko, E. A., et al., “Cosmic ray modulation during the solar activity growth phase of cycle 24”, 2014Ge&Ae..54..430G ADS
- Zagainova, Y. S., Fainshtein, V. G., & Obridko, V. N., “Comparative Characteristics of the Leading and Following Sunspots”, 2014ATsIr1612...1Z ADS
- Obridko, V. N., “Cosmic factors of evolution of biosphere and geosphere. (review of the Interdisciplinary colloquium, May 21-23)”, 2014simi.conf...25O ADS
- Obridko, V. N. & Shelting, B. D., “Global Complexes of Activity”, 2014simi.conf...40 ADS
- Bludova, N. G., Obridko, V. N., & Badalyan, O. G., “The Relative Umbral Area in Spot Groups as an Index of Cyclic Variation of Solar Activity”, 2014SoPh..289.1013B ADS
- Obridko, V. & Shelting, B., “Coronal holes and global complexes of activity”, 2014cosp...40E2335O ADS
- Obridko, V. & Nagovitsyn, Y., “Solar activity over different timescales”, 2014cosp...40E2334O ADS
- Kirov, B., Obridko, V., & Asenovski, S., “What causes geomagnetic activity during sunspot minimum?”, 2014cosp...40E1502K ADS
- Khavarova, O., Obridko, V., Zharkova, V., & Veselov, M., “Large-scale properties of the solar wind in the inner heliosphere”, 2014cosp...40E1457K ADS
- Khavarova, O., Obridko, V., & Zharkova, V., “Transport of particles in the low- and high-energy solar wind from the Sun to the Jupiter orbit”, 2014cosp...40E1456K ADS
- Kirov, B., Obridko, V. N., Georgieva, K., Nepomnyashchaya, E. V., & Shelting, B. D., “Long-term variations of geomagnetic activity and their solar sources”, 2013Ge&Ae..53..813K ADS
- Obridko, V. N. & Shelting, B. D., “Global complexes of activity”, 2013ARep...57..786O ADS
- Lotova, N. A. & Obridko, V. N., “Dependence of the solar wind speed on the coronal magnetic field in cycle 23”, 2013AstL...39..474L ADS
- Obridko, V., Ragulskaya, M., Rudenchik, E., & Hramova, E., “Co-evolution of the Sun and of life on Earth”, 2013simi.confE..42O ADS
- Obridko, V. N., Badalyan, O. G., & Bludova, N. G., “Cyclic and secular variations of the inner structure of sunspot groups”, 2013simi.confE..37O ADS
- Obridko, V. N., Kanonidi, K. D., Mitrofanova, T. A., & Shelting, B. D., “Solar activity and geomagnetic disturbances”, 2013Ge&Ae..53..147O ADS
- Gushchina, R., Belov, A., Eroshenko, E., Obridko, V., & Shelting, B., “Cosmic Ray Modulation At The Solar Activity Minimum And Ascending Phase In The 24Th Cycle”, 2013ICRC...33.3680G ADS
- Obridko, V. N., Ivanov, E. V., Özgüç, A., Kilcik, A., & Yurchyshyn, V. B., “Coronal Mass Ejections and the Index of Effective Solar Multipole”, 2012SoPh..281..779O ADS
- Khavarova, O. & Obridko, V., “Puzzles of the Interplanetary Magnetic Field in the Inner Heliosphere”, 2012ApJ...761...82K ADS
- Khavarova, O. & Obridko, V., “Puzzles of the Interplanetary Magnetic Field in the Inner Heliosphere”, 2012AGUFMSH13A2223K ADS
- Babayev, E. S., Crosby, N. B., Obridko, V. N., & Rycroft, M. J., “Potential effects of solar and geomagnetic variability on terrestrial biological systems Advances”, in Advances in Solar and Solar-Terrestrial Physics, 329–376 2012asst.book..329B ADS
- Ragulskaya, M. & Obridko, V., “Sun evolution as a astrobiology factor of life evolution”, 2012cosp...39.1555R ADS
- Tlatov, A. G. & Obridko, V. N., “Global magnetic fields: variation of solar minima”, 2012IAUS..286..113T ADS
- Gushchina, R. T., Belov, A. V., Obridko, V. N., & Shelting, B. D., “Extrema of long-term modulation of the cosmic ray intensity in the last five solar cycles”, 2012Ge&Ae..52..438G ADS
- Khavarova, O. V. & Obridko, V. N., “Experimental observations of the interplanetary magnetic field distribution in the inner heliosphere: controversial points”, 2012EGUGA..14.9383K ADS
- Obridko, V. N. & Chertoprud, V. E., “Dynamics of the photospheric magnetic field in the vicinity of the solar equator”, 2012ARep...56..146O ADS
- Lotova, N. A. & Obridko, V. N., “Scenario of Evolution of the Epoch of Minimum at the Final Stage of Cycle 23”, 2012ASSP...30..179L ADS
- Obridko, V. N., Nagovitsyn, Y. A., & Georgieva, K., “The Unusual Sunspot Minimum: Challenge to the Solar Dynamo Theory”, 2012ASSP...30....1O ADS
- “The Sun: New Challenges”, 2012ASSP...30....0 ADS
- Obridko, V. N. & Solov'ev, A. A., “Magnetohydrostatic model for a coronal hole”, 2011ARep...55.1144O ADS
- Kozhevato, I. E., Obridko, V. N., & Rudenchik, E. A., “TAHOMAG - vector-magnetograph for INTERHELIOPROBE”, 2011sdmi.confE..75K ADS
- Badalyan, O. G. & Obridko, V. N., “North-South asymmetry of the sunspot indices and its quasi-biennial oscillations”, 2011NewA...16..357B ADS
- Obridko, V. N., Chertoprud, V. E., & Ivanov, E. V., “Active Longitudes in the Heliomagnetic Reference Frame”, 2011SoPh..272...59O ADS
- Breus, T. K., Ozheredov, V. A., & Obridko, V. N., “Unexpected Solar Activity Cycle 24 Prediction by Various Methods”, 2011simi.confQ...1B ADS
- Obridko, V. N., “Coronal Holes and High Speed Streams”, 2011simi.conf...60 ADS
- Obridko, V. N. & Shelting, B. D., “Relationship between the Parameters of Coronal Holes and High-Speed Solar Wind Streams over an Activity Cycle”, 2011SoPh..270..297O ADS
- Obridko, V. N. & Chertoprud, V. E., “Longitude variations of solar magnetic fields of different intensity in cycle 23 as inferred from the SOHO/MDI data”, 2011AstL...37..358O ADS
- Lotova, N. A., Vladimirkii, K. V., & Obridko, V. N., “Solar Activity Cycle in Solar-wind Sources and Flows”, 2011SoPh..269..129L ADS
- Obridko, V. N., Shelting, B. D., & Livshits, I. M., “Open magnetic fields on the Sun and solar wind parameters at the Earth's orbit”, 2011ARep...55..284O ADS
- Khavarova, O. & Obridko, V., “On the nature of the in-ecliptic interplanetary magnetic field's two-humped distribution at 1AU”, 2011arXiv1102.1176K ADS
- Lotova, N. A., Vladimirkii, K. V., & Obridko, V. N., “Diagnostics of solar wind streams and their sources in the solar corona”, 2010Ge&Ae..50..711L ADS
- Obridko, V. N., Asgarov, A. B., Shelting, B. D., & Babayev, E. S., “Correction of Observations When Calculating Heliospheric Magnetic Fields from Solar Magnetograph Data”, 2010SunGe...5...34O ADS
- Gushchina, R. T., Belov, A. V., Obridko, V. N., & Shelting, B. D., “Long-term modulation of galactic cosmic rays at solar activity minimums”, 2010Ge&Ae..50..436G ADS



- Obridko, V. N., "Large-scale patterns and textquotefactive longitudestextquoteright", 2010IAUS...264..2410 ADS
- Ragul'skaya, M., Obridko, V., Samsonov, S., et al., "Influence of space weather on human organism at different geo-latitudes: telecommunication helio-medical monitoring "Geliomed" 2003-2010", 2010cosp...38.3401R ADS
- Khabarova, O. & Obridko, V., "Magnetic reconnection as a possible cause of in-ecliptic IMF zero vanish on the way from the Sun to the Earth", 2010cosp...38.1932K ADS
- Dimitrova, S., Babayev, E. S., Georgieva, K., Obridko, V. N., & Mustafa, F. R., "Possible Effects of Solar and Geomagnetic Activity on Sudden Cardiac Death in Middle Latitudes", 2009SunGe...4...84D ADS
- Obridko, V. N., Shelting, B. D., Livshits, I. M., & Asgarov, A. B., "Contrast of Coronal Holes and Parameters of Associated Solar Wind Streams", 2009SoPh...260..1910 ADS
- Obridko, V. N., Shelting, B. D., Livshits, I. M., & Askerov, A. B., "Relationship between the contrast of coronal holes and parameters of the solar wind streams", 2009ARep...53.10500 ADS
- Ioshpa, B. A., Obridko, V. N., & Chertoprud, V. E., "Small-scale background magnetic field on the sun in solar cycle 23", 2009AstL...35..424I ADS
- Chertoprud, V., Ioshpa, B., & Obridko, V., "Fine-scale Stochastic Structure of Solar Magnetic Fields", 2009ASPC...405..205C ADS
- Gushchina, R. T., Belov, A. V., Obridko, V. N., & Shelting, B. D., "About the role of the Sun magnetic field characteristics in the long-term galactic cosmic rays modulation", 2009BRASP...73..334G ADS
- Obridko, V. N. & Shelting, B. D., "Anomalies in the evolution of global and large-scale solar magnetic fields as the precursors of several upcoming low solar cycles", 2009AstL...35..2470 ADS
- Gushchina, R. T., Belov, A. V., Obridko, V. N., & Shelting, B. D., "The role of cyclic solar magnetic field variations in the long-term cosmic ray modulation", 2009AdSpR...43..673G ADS
- Gushehina, R. T., Belov, A. V., Obridko, V. N., & Shelting, B. D., "The reflection in the long-term cosmic rays modulation of the cyclic variations of integral and partial indices of the solar magnetic field", 2009ecrs.conf...226G ADS
- Gushchina, R. T., Belov, A. V., Obridko, V. N., & Shelting, B. D., "Manifestations of cyclic variations in the solar magnetic field in long-term modulation of cosmic rays", 2008Ge&Ae...48..571G ADS
- Kuzanyan, K., Obridko, V. N., Kotlyarov, O. L., Loskutov, A. Y., & Istomin, I. A., "Predictions of the Magnitude of the Forthcoming Solar Cycles using Knowledge on the Solar Dynamo and Singular Spectrum Analysis", 2008ESPM...12..2.69K ADS
- Obridko, V. N. & Shelting, B. D., "Temporal variations in the position of the heliospheric equator", 2008ARep...52..6760 ADS
- Lotova, N. A., Vladimirkii, K. V., & Obridko, V. N., "Diagnostics of solar wind flows", 2008AstL...34..500L ADS
- Obridko, V. N. & Shelting, B. D., "On Prediction of the Strength of the 11-Year Solar Cycle No. 24", 2008SoPh...248..1910 ADS
- Sokoloff, D., Zhang, H., Kuzanyan, K. M., et al., "Current Helicity and Twist as Two Indicators of the Mirror Asymmetry of Solar Magnetic Fields", 2008SoPh...248...17S ADS
- Ioshpa, B. A., Obridko, V. N., & Ruden'chik, E. A., "Fractal properties of solar magnetic fields", 2008AstL...34..210I ADS
- Badalyan, O. G., Obridko, V. N., & Sýkora, J., "Quasi-Biennial Oscillations in the North - South Asymmetry of Solar Activity", 2008SoPh...247..379B ADS
- Gushchina, R. T., Belov, A. V., Obridko, V. N., Shelting, B. D., & Balabin, Y. V., "Manifestation of the solar global field changes in the long-term cosmic rays modulation", 2008ICRC...1..473G ADS
- Ioshpa, B. A., Obridko, V. N., & Chertoprud, V. E., "Small-scale stochastic structure of the solar magnetic field", 2007AstL...33..844I ADS
- Lotova, N. A., Vladimirkii, K. V., & Obridko, V. N., "Diagnostics of solar wind streams", 2007A&AT...26..501L ADS
- Asgarov, A. B. & Obridko, V. N., "Asymmetry in the Inward-Outward Polarity in the Interplanetary Magnetic Field", 2007SunGe...2...29A ADS
- Askerov, A. B. & Obridko, V. N., "Magnetic cloud in the solar wind: A comparison with the classical model", 2007Ge&Ae...47..285A ADS
- Ioshpa, B., Mogilevskii, E., & Obridko, V., "Some Structural Properties of Solar Magnetic Fields", 2007ASPC...368..245I ADS
- Obridko, V. N. & Shel'ing, B. D., "A generalized polarity rule for solar magnetic fields", 2007ARep...51..3390 ADS
- Badalyan, O. G. & Obridko, V. N., "To the problem of solar coronal heating", 2007AstL...33..182B ADS
- Obridko, V. N. & Shelting, B. D., "Occurrence of the 1.3-year periodicity in the large-scale solar magnetic field for 8 solar cycles", 2007AdSpR...40.10060 ADS
- Badalyan, O. G. & Obridko, V. N., "Two Regularities in the Coronal Green-Line Brightness Magnetic Field Coupling and the Heating of the Corona", 2006SoPh...238..271B ADS
- Livshits, I. M. & Obridko, V. N., "Variations of the dipole magnetic moment of the sun during the solar activity cycle", 2006ARep...50..926L ADS
- Shishov, V. I., Coles, W. A., Rickett, B. J., et al., "International Colloquium "Scattering and Scintillation in Radio Astronomy" was held on June 19-23, 2006 in Pushchino, Moscow region, Russia", 2006astro.ph..9517S ADS
- Livshits, I. M. & Obridko, V. N., "Variation of the Dipole Magnetic Moment of the Sun during an Activity Cycle", 2006IAUJD...8E...6L ADS
- Badalyan, O. G. & Obridko, V. N., "To the Problem of the Corona Heating", 2006IAUJD...3E...10B ADS
- Belov, A. V., Gushchina, R. T., Obridko, V. N., Shelting, B. D., & Yanke, V. G., "Long-term variations of galactic cosmic rays in the past and future from observations of various solar activity characteristics", 2006JASTP...68.1161B ADS
- Belov, A. V., Obridko, V. N., & Shelting, B. D., "Correlation between the near-Earth solar wind parameters and the source surface magnetic field", 2006Ge&Ae...46..430B ADS
- Kuznetsov, V. D. & Obridko, V. N., "The All-Russian conference on the Experimental and Theoretical Basis of Forecasting Heliogeophysical Activity Organized by the Solar Section of the Scientific Council of the Russian Academy of Sciences on Astronomy and the Pushkov Institute of Terrestrial Magnetism, Ionosphere, and Radio Wave Propagation, Russian Academy of Sciences (October 10 15, 2005, Troitsk)", 2006SoSyR...40..262K ADS
- Obridko, V. N., Shelting, B. D., & Kharshiladze, A. F., "Calculation of the interplanetary magnetic field based on its value in the solar photosphere", 2006Ge&Ae...46..2940 ADS
- Badalyan, O. G., Obridko, V. N., & Sýkora, J., "Cyclic variations in the differential rotation of the solar corona", 2006ARep...50..312B ADS
- Obridko, V. N., Sokoloff, D. D., Kuzanyan, K. M., Shelting, B. D., & Zakharov, V. G., "Solar cycle according to mean magnetic field data", 2006MNRAS...365..8270 ADS
- Badalyan, O. G., Obridko, V. N., & Sýkora, J., "Quasi-Biennial Oscillations in the N-S Asymmetry of Solar Activity", 2005ESASP.600E.152B ADS
- Badalyan, O. G., Obridko, V. N., & Kora, J. S., "Temporal Variations of the Solar Corona Rotation", 2005ESASP.600E..50B ADS
- Obridko, V. N., Belov, A. V., & Shelting, B. D., "Interplanetary Magnetic Field Calculated from Photospheric Measurements", 2005ESASP.600E...50 ADS
- Ioshpa, B., Mogilevskii, E., Obridko, V., & Ruden'chik, E., "Some Fractal Properties of Solar Magnetic Fields", 2005ESASP.596E..68I ADS
- Lotova, N. A., Vladimirkii, K. V., Obridko, V. N., Filippov, B. P., & Korelov, O. A., "Structure of Solar-Wind Streams at the Maximum of Solar Cycle 23", 2005AstL...31..546L ADS
- Badalyan, O. G., Obridko, V. N., Rybák, J., & Sýkora, J., "Quasibiennial Oscillations of the North-South Asymmetry", 2005ARep...49..659B ADS
- Badalyan, O. G., Obridko, V. N., & Sýkora, J., "Cyclic Variation in the Spatial Distribution of the Coronal Green Line Brightness", 2005ARep...49..477B ADS
- Mogilevskii, E. I., Obridko, V. N., & Shilova, N. S., "On a probable model of solar flares based on an 'avalanche' of self-organized criticality with energy and matter transport by magnetohydrodynamic solitons", 2005A&AT...24...25M ADS
- Belov, A. V., Gushchina, R., Obridko, V. N., Shelting, B. D., & Yanke, V. G., "The relation of global magnetic solar field indices and solar wind characteristics with long-term variations of galactic cosmic rays", 2005ICRC...2..235B ADS
- Belov, A. V., Dorman, L. I., Gushchina, R. T., et al., "Prediction of expected global climate change by forecasting of galactic cosmic ray intensity time variation in near future based on solar magnetic field data", 2005AdSpR...35..491B ADS
- Badalyan, O. G. & Obridko, V. N., "Solar Magnetic Fields and the Intensity of the Green Coronal Line", 2004ARep...48..678B ADS
- Badalyan, O. G., Obridko, V. N., & Sýkora, J., "Space-time distributions of the coronal green-line brightness and solar magnetic fields", 2004A&AT...23..555B ADS
- Obridko, V. N., Shelting, B. D., & Kharshiladze, A. F., "Multiparameter Computations of Solar Wind Characteristics in the Near-Earth Space from the Data on the Solar Magnetic Field", 2004SoSyR...38..2280 ADS
- Lotova, N. A., Vladimirkii, K. V., Obridko, V. N., & Subaev, I. A., "Reproductive Characteristics of the Solar Wind Acceleration", 2004AstL...30..343L ADS
- Belov, A. V., Dorman, L. I., Gushchina, R. T., et al., "Forecasting of galactic cosmic ray intensity based on solar magnetic field data", 2004cosp...35.4184B ADS
- Belov, A. V., Dorman, L. I., Gushchina, R. T., et al., "Prediction of expected global climate change by forecasting of galactic cosmic ray intensity time variation in near future based on solar magnetic field data", 2004cosp...35.3913B ADS

- Lotova, N., Vladimirkii, K., Obridko, V., & Subaev, I., "Regularities of formation of supersonic solar wind", 2004cosp...35.1244L ADS
- Lotova, N., Vladimirkii, K., Obridko, V., & Subaev, I., "Regularities of formation of supersonic solar wind", 2004cosp...35.352L ADS
- Badalyan, O. G. & Obridko, V. N., "Relationship between the coronal green line brightness and magnetic field strength", 2004IAUS...223.371B ADS
- Ioshpa, B. A., Mogilevskii, E. I., Obridko, V. N., & Rudenchik, E. A., "Magnetic Field Structure in Sunspots", 2004IAUS...223.259I ADS
- Badalyan, O. G., Obridko, V. N., & Sýkora, J., "Cyclic variations in distribution of the coronal green line brightness and solar magnetic field", 2004IAUS...223.69B ADS
- Obridko, V. N. & Shelting, B. D., "Global Solar Magnetology and Reference Points of the Solar Cycle", 2003ARep...47.9530 ADS
- Wu, T., Obridko, V., Schmieder, B., & Sýkora, J., "Foreword (Solar variability as an input to the Earth's environment)", 2003ESASP.535D.17W ADS
- Badalyan, O. G., Obridko, V. N., Rybák, J., & Sýkora, J., "N-S asymmetry of solar activity and quasi-biennial oscillations", 2003ESASP.535.63B ADS
- Ivanov, E. V., Obridko, V. N., & Shelting, B. D., "The role of meridional circulation in generating the 22-year solar cycle", 2003ESASP.535.37I ADS
- Vladimirkii, K. V., Lotova, N. A., & Obridko, V. N., "Slow Solar Wind: Sources and Components of the Stream Structure at the Solar Maximum", 2003AstL...29.629V ADS
- Lotova, N. A., Obridko, V. N., & Vladimirkii, K. V., "Solar Wind Sources and Flow Structure Over the 1995-2000 Period", 2003AIPC...679.110L ADS
- Zaitzev, A., Kozlov, A., & Obridko, V., "The Global Cooperation in Solar-Terrestrial Physics as the base for development of national programs in Russia: retrospect and prospect.", 2003EAEJA...12781Z ADS
- Obridko, V. N. & Shelting, B. D., "Meridional Drift of Large-Scale Solar Magnetic Fields", 2003ARep...47.3330 ADS
- Chumak, O., Obridko, V., Zhang, H., et al., "Integral Properties of Solar Active Regions", 2003A&AT...22.335C ADS
- Sýkora, J., Badalyan, O. G., & Obridko, V. N., "Connections Between the White-Light Eclipse Corona and Magnetic Fields over the Solar Cycle", 2003SoPh...212.301S ADS
- Kozhevato, I. E., Cheragin, N. P., Kulikova, E. N., et al., "IZMIRAN Solar Spectromagnetograph", 2003ASPC...307.62K ADS
- Kozhevato, I. E., Cheragin, N. P., Ioshpa, B. A., et al., "New Izmiran solar spectromagnetograph", 2002ESASP.506.951K ADS
- Ivanov, E. V., Obridko, V. N., & Shelting, B. D., "Meridional drifts of large-scale solar magnetic fields and meridional circulation", 2002ESASP.506.851I ADS
- Ivanov, E. V., Obridko, V. N., & Shelting, B. D., "Quasi-biennial oscillations of the solar magnetic fields", 2002ESASP.506.847I ADS
- Badalyan, O. G., Obridko, V. N., & Sýkora, J., "Polarization in the 530.3nm emission line and coronal magnetic field structure", 2002CoSka...32.175B ADS
- Makarov, V. I., Tlatov, A. G., Callebaut, D. K., & Obridko, V. N., "Increase of the Magnetic Flux From Polar Zones of the sun in the Last 120 Years", 2002SoPh...206.383M ADS
- Badalyan, O. G., Obridko, V. N., & Sýkora, J., "Direction of the coronal green line polarization as derived from the eclipse measurements", 2002CoSka...32.49B ADS
- Lotova, N. A., Obridko, V. N., & Vladimirkii, K. V., "Three Types of Flows in the Structure of the Solar Wind", 2002ARep...46.339L ADS
- Obridko, V. N., Potyomkina, T. M., Lushnikova, A. V., Pustynnik, I. B., & Chepurova, V. M., "ASTRONOMY OF ANCIENT CIVILIZATIONS: The International Conference of the European Society for Astronomy in Culture - SEAC, Moscow, 2000", 2002A&AT...21.2790 ADS
- Ivanov, E. V. & Obridko, V. N., "Zonal structure and meridional drift of large-scale solar magnetic fields", 2002SoPh...206.1I ADS
- Makarov, V. I., Tlatov, A. G., Callebaut, D. K., & Obridko, V. N., "Long-term variations of polar magnetic flux of the Sun and terrestrial climate", 2002ESASP.477.563M ADS
- Obridko, V. N., Golyshev, S., & Levitin, A. E., "Secular and cycle variations of the IMF Bz component and some associated geophysical effects", 2002ESASP.477.4050 ADS
- Badalyan, O. G., Obridko, V. N., Rybák, J., & Sýkora, J., "The North-South asymmetry of solar activity", 2002ESASP.477.201B ADS
- Zaiste, A., Ishkov, V., Kozlov, A., Obridko, V., & Odintsov, V., "Development of the Internet - Resources in Solar-Terrestrial Physics for the Science and Education", 2002rict.confE...27Z ADS
- Lotova, N. A., Obridko, V. N., Vladimirkii, K. V., Bird, M. K., & Janardhan, P., "Flow Sources and Formation Laws of Solar Wind Streams", 2002SoPh...205.149L ADS
- Belov, A. V., Gushchina, R. T., Obridko, V. N., Shelting, B. D., & Yanke, V. G., "Long-term Galactic Cosmic Rays Variations and Their Relation With The Global Solar Magnetic Field Characteristics", 2002EGSG...27.5528B ADS
- Ivanov, E. V. & Obridko, V. N., "The role of the solar magnetic field systems in modulating the solar irradiance", 2002AdSpR...29.1951I ADS
- Sýkora, J., Badalyan, O. G., & Obridko, V. N., "Relationship between the coronal shape and the magnetic field topology during the solar cycle", 2002AdSpR...29.395S ADS
- Belov, A. V., Shelting, B. D., Gushchina, R. T., et al., "Global magnetic field of the Sun and long-term variations of galactic cosmic rays", 2001JASTP...63.1923B ADS
- Obridko, V. N. & Shelting, B. D., "Quasi-Biennial Oscillations of the Global Solar Magnetic Field", 2001ARep...45.10120 ADS
- Shelting, B. D. & Obridko, V. N., "Quasi-biennial oscillations of the solar global magnetic field", 2001A&AT...20.491S ADS
- Lotova, N. A., Obridko, V. N., Vladimirkii, K. V., Bird, M. K., & Janardhan, P., "Flow Sources and Formation Laws of the Solar Wind Streams", 2001hel1.confE...18L ADS
- Makarov, V. I., Obridko, V. N., & Tlatov, A. G., "The increase in the magnetic flux from the polar regions of the Sun over the last 120 years", 2001ARep...45.746M ADS
- Belov, A., Gushchina, R., Obridko, V., Shelting, B., & Yanke, V., "Long-term variations of galactic cosmic rays and their relation with the solar magnetic field parameters", 2001ICRC...10.3911B ADS
- Obridko, V. N. & Shelting, B. D., "Rotation Characteristics of Large-Scale Solar Magnetic Fields", 2001SoPh...201.10 ADS
- Ioshpa, B. A. & Obridko, V. N., "The Structure of the Photospheric Velocity Field near H $\alpha$  Filaments", 2001ARep...45.409I ADS
- Badalyan, O. G., Obridko, V. N., & Sýkora, J., "Brightness of the Coronal Green Line and Prediction for Activity Cycles 23 and 24", 2001SoPh...199.421B ADS
- Ivanov, E. V., Obridko, V. N., & Ananyev, I. V., "Sector Structure, Rotation, and Cyclic Evolution of Large-Scale Solar Magnetic Fields", 2001SoPh...199.405I ADS
- Makarov, V. I., Tlatov, A. G., Callebaut, D. K., Obridko, V. N., & Shelting, B. D., "Large-Scale Magnetic Field and Sunspot Cycles", 2001SoPh...198.409M ADS
- Ivanov, E. V. & Obridko, V. N., "Cyclic Variations of CME Velocity", 2001SoPh...198.179I ADS
- Rivin, Y. R. & Obridko, V. N., "Seasonal Variations in Solar High-Energy Neutrino Flux and Their Probable Source", 2000SoSyR...34.501R ADS
- Lotova, N. A., Obridko, V. N., & Vladimirkii, K. V., "Variations of the Solar-Wind Structure in the Region of Subsonic Flow during the 11-Year Solar Cycle", 2000ARep...44.765L ADS
- Lotova, N. A., Obridko, V. N., Vladimirkii, K. V., & Rushin, V., "Penetration of Coronal Magnetic Fields into Solar-Wind Streams", 2000AstL...26.539L ADS
- Dmitrieva, I. V., Kuzanyan, K. M., & Obridko, V. N., "Amplitude and period of the dynamo wave and prediction of the solar cycle", 2000SoPh...195.209D ADS
- Lotova, N. A., Obridko, V. N., & Vladimirkii, K. V., "Three types of solar wind flow", 2000A&A...357.1051L ADS
- Obridko, V. N. & Shelting, B. D., "Large-Scale Solar Magnetic Field: Latitudinal Dependence", 2000ARep...44.2620 ADS
- Obridko, V. N. & Shelting, B. D., "The Large-Scale Magnetic Field on the Sun: The Equatorial Region", 2000ARep...44.1030 ADS
- Sýkora, J., Badalyan, O. G., & Obridko, V. N., "Coronal Holes (Recorded from 1943) - a Source of the Solar-Induced Terrestrial Responses?", 2000ESASP.463.95S ADS
- Dmitrieva, I. D., Khabarova, O. V., Obridko, V. N., Ragulskaja, M. V., & Reznikov, A. E., "Experimental confirmations of bioeffective effect of magnetic storms.", 2000A&AT...19.67D ADS
- Obridko, V., Formichev, V., Kharshiladze, A. F., et al., "Analyses and modelling of coronal holes observed by CORONAS-I. I. Morphology and magnetic field configuration", 2000A&AT...18.8190 ADS
- Ioshpa, B. A. & Obridko, V. N., "Velocity and Magnetic Field Structure in the Vicinity of H $\alpha$  Filaments", 1999ESASP.448.497I ADS
- Anan'ev, I. V. & Obridko, V. N., "Studies of the rotation periods of photospheric magnetic fields in the 20th-22nd solar cycles", 1999ARep...43.831A ADS
- Lotova, N. A., Obridko, V. N., Vladimirkii, K. V., et al., "Long-Term Radio Scintillation Variations in the Circumsolar Plasma", 1999SoPh...189.387L ADS
- Badalyan, O. G., Obridko, V. N., & Sýkora, J., "Relation between the green-line polarization of the solar corona and corona magnetic fields", 1999ARep...43.767B ADS



- Sykora, J., Badalyan, O. G., Obridko, V. N., & Pinter, T., "Structure and magnetic field of the July 11, 1991 eclipse corona from the solar cycle viewpoint", 1999CoSka...29...89S [ADS](#)
- Kishcha, P. V., Dmitrieva, I. V., & Obridko, V. N., "Long-term variations of the solar-geomagnetic correlation, total solar irradiance, and northern hemispheric temperature (1868-1997)", 1999JASTP...61...799K [ADS](#)
- Rivin, Y. R. & Obridko, V. N., "North-South asymmetry of the magnitude of large-scale solar magnetic fields", 1999ARep...43...479R [ADS](#)
- Obridko, V. N. & Shelting, B. D., "Structure and Cyclic Variations of Open Magnetic Fields in the Sun", 1999SoPh...187...185O [ADS](#)
- Mogilevsky, E. I., Obridko, V. N., & Shilova, N. S., "Phenomenology of coronal mass ejections", 1999ARep...43...255M [ADS](#)
- Rivin, Y. R. & Obridko, V. N., "Time variations of solar neutrino. The main arguments pro and some inferences", 1999astro.ph...2074R [ADS](#)
- Ivanov, E. V., Obridko, V. N., Nepomnyashchaya, E. V., & Kutilina, N. V., "Relevance of CME to the Structure of Large-Scale Solar Magnetic Fields", 1999SoPh...184...369I [ADS](#)
- Obridko, V. N. & Shelting, B. D., "Structure of the Heliospheric Current Sheet derived for the interval 1915-1916", 1999SoPh...184...187O [ADS](#)
- Badalyan, O. G., Obridko, V. N., & Sykora, J., "Relationship between the green-line corona polarization and coronal magnetic fields", 1999ASSL...243...373B [ADS](#)
- Lotova, N. A., Obridko, V. N., & Vladimirov, K. V., "Effects of the solar magnetic field on the solar wind stream structure", 1998ARep...42...553L [ADS](#)
- Obridko, V. N., Anan'ev, I. V., Arlt, K., & Pflug, K., "Variations of the total solar radiation flux and magnetic field with 2 to 10-day periods", 1998ARep...42...534O [ADS](#)
- Ivanov, E. V., Obridko, V. N., & Ananyev, I. V., "Variations of Solar Irradiance, 10.7 CM Radio Flux, He I 10830 Å Equivalent Width and Global Magnetic Field Intensity and their Relation to Large-Scale Solar Magnetic Field Structure", 1998sers.conf...217I [ADS](#)
- Shelting, B. D. & Obridko, V. N., "Cyclic Variation of the Solar Wind Velocity and Energy of the Large-Scale Magnetic Field of the Sun", 1998asct.conf...447S [ADS](#)
- Ivanov, E. V., Obridko, V. N., & Shelting, B. D., "Relation of the CME Rate to the Large-scale Solar Magnetic Fields Structure", 1998asct.conf...365I [ADS](#)
- Wang, A. H., Wu, S. T., Dryer, M., et al., "Analyses and Modeling of Coronal Holes Observed by Coronas-I: II. MHD Simulation", 1998asct.conf...273W [ADS](#)
- Obridko, V. N., "Some Investigations of Coronal Holes and Large-scale Solar Magnetic Fields Using Coronas, Yohkoh, SOHO and Ground-based Data (invited)", 1998asct.conf...41O [ADS](#)
- Ivanov, E. V., Obridko, V. N., & Ananyev, I. V., "Variations of Solar Irradiance, 10.7 CM Radio Flux, He I 10830 Angstroms Equivalent Width and Global Magnetic Field Intensity and Their Relation to Large-Scale Solar Magnetic Field Structure", 1998SoPh...177...217I [ADS](#)
- Sykora, J., Ambroz, P., Minarovjech, M., et al., "White-light polar plumes from three 'minimum-like' solar eclipses", 1998ESASP.421...79S [ADS](#)
- Ioshpa, B. A., Mogilevsky, E. I., & Obridko, V. N., "Evolution of the Filament/CH/Magnetic Field Complex", 1998ASPC...150...393I [ADS](#)
- Dmitrieva, I. V., Zaborova, E. P., & Obridko, V. N., "Natural Disasters and Solar Activity (Based on Chronicles and Annals)", 1998A&A...17...29D [ADS](#)
- Dmitrieva, I. V., Zaborova, R. P., & Obridko, V. N., "Solar activity-climate coupling and atmospheric circulation", 1998A&A...16...133D [ADS](#)
- Obridko, V. N. & Shelting, B. D., "Structure and Cyclic Variations of Open Magnetic Fields in the Sun", 1997ESASP.415...357O [ADS](#)
- Obridko, V. N., "International Solar Cycle Studies - ISCS (1998-2002)", 1997ESASP.415...267O [ADS](#)
- Mogilevsky, E. I., Obridko, V. N., & Shilova, N. S., "Large-Scale Magnetic Field Structures and Coronal Holes on the Sun", 1997SoPh...176...107M [ADS](#)
- Shubin, V. N., Deminov, M. G., Nepomnyashchaya, E. V., et al., "Dependence of the Density of the Upper Atmosphere on Solar Activity from Satellite Drag Data", 1997CosRe...35...114S [ADS](#)
- Ivanov, E. V., Obridko, V. N., & Shelting, B. D., "Large-scale structure of solar magnetic fields and coronal mass ejections", 1997ARep...41...236I [ADS](#)
- Pflug, K., Obridko, V. N., Arlt, K., & Lebedev, N. I., "Relation between DIFOS 'irradiance' data and solar activity.", 1997A&A...317...925P [ADS](#)
- Ioshpa, B. A., Mogilevskij, E. I., & Obridko, V. N., "Evolution of the Filament/CH/Magnetic Field Complex", 1997jena.confE...41I [ADS](#)
- Rivin, Y. R. & Obridko, V. N., "Cyclic variation of the high-energy solar neutrino flux", 1997ARep...41...76R [ADS](#)
- Obridko, V. N. & Rivin, Y. R., "The magnetic field in the near-equatorial zone of the solar photosphere", 1996ARep...40...740O [ADS](#)
- Bondar, T. N., Rotanova, N. M., & Obridko, V. N., "Forecasting the time series of Wolf numbers for the 23rd solar cycle", 1996AstL...22...562B [ADS](#)
- Obridko, V. N. & Rivin, Y. R., "The role of solar magnetic field in the neutrino flux modulation.", 1996A&A...308...951O [ADS](#)
- Ioshpa, B., Obridko, V., & Kozhevov, I., "Fourier Parameters and Moments of Polarization Profiles of Magnetically Active Lines. Fourier Vector Magnetograph", 1996SoPh...164...373I [ADS](#)
- Dmitrieva, I. V., Obridko, V. N., & Zaborova, E. P., "What Are the Solar Drivers Responsible for Helio-Meteorological Effects?", 1996ASPC...95...497D [ADS](#)
- Deminov, M. G., Nepomnyashchaya, E. V., Obridko, V. N., et al., "Is Our Knowledge of Solar Indices Enough to Explain Satellite Drag?", 1996ASPC...95...421D [ADS](#)
- Obridko, V. N., Kharshiladze, A. F., & Shelting, B. D., "Calculating Solar Wind Parameters from Solar Magnetic Field Data", 1996ASPC...95...366O [ADS](#)
- Obridko, V. N., Kharshiladze, A. F., & Shelting, B. D., "On calculating the solar wind parameters from the solar magnetic field data", 1996A&A...11...65O [ADS](#)
- Obridko, V. N., Oraevsky, V. N., Dmitrieva, I. V., & Zaborova, E. P., "Some aspects of heliometeorologic coupling", 1996A&A...9...149O [ADS](#)
- Ermakov, F. A., Obridko, V. N., & Shelting, B. D., "Global magnetic studies of the sun - Properties of the polar and equatorial fields", 1995AZh...72...753E [ADS](#)
- Ermakov, F. A., Obridko, V. N., & Shelting, B. D., "Global magnetic studies of the Sun: Properties of the polar and equatorial fields", 1995ARep...39...672E [ADS](#)
- Levitin, A. E., Obridko, V. N., Val'Chuk, T. E., Golyshev, S. A., & Dremukhina, L. A., "The index of recurrence of planetary geomagnetic activity and its connection with the solar cycle.", 1995Ge&Ae...35...137L [ADS](#)
- Obridko, V. N. & Rivin, Y. R., "Solar Magnetic Field Modulation of the Neutrino Flux", 1995IBVS.4160...10 [ADS](#)
- Obridko, V. N., "Some Comments on the Problem of Solar Cycle Prediction", 1995SoPh...156...179O [ADS](#)
- Obridko, V. N. & Rivin, Y. R., "Neutrino flux variations and solar magnetic fields.", 1995BRASP...59.1562O [ADS](#)
- Obridko, V. N., "Cyclic variations of large-scale solar magnetic fields", 1995BCrA0...92...67O [ADS](#)
- Bondar, T. N., Rotanova, N. M., & Obridko, V. N., "Stochastic autoregression modeling and forecasting of the Wolf-number time series", 1995ARep...39...115B [ADS](#)
- Obridko, V. N., Kharshiladze, A. F., & Shelting, B. D., "On the confidence level of the correlation between the divergence factor of the lines of force on the sun and the solar-wind velocity", 1995ARep...39...95O [ADS](#)
- Ermakov, F. A., Obridko, V. N., & Shelting, B. D., "Global magnetology of the sun: Complementary fluxes and the natural scale of cycles", 1995ARep...39...86E [ADS](#)
- Obridko, V. N., Oraevsky, V. N., & Allen, J. H., "International Decade of Solar Cycle Studies (IDSCS)", 1994step.conf...557O [ADS](#)
- Obridko, V. N. & Ishkov, V. N., "Results of the Russian FLARES 22 Campaign", 1994step.conf...57O [ADS](#)
- Obridko, V. N. & Oraevskij, V. N., "International studies of solar activity.", 1993ZemVs...5...12O [ADS](#)
- Obridko, V., Dmitrieva, I., & Zaborova, E., "Simulation of the Chain 'Solar Activity-Weather-Ecology'", 1993stp1.conf...243O [ADS](#)
- Obridko, V. & Kuklin, G., "Solar Cycle-Predictions Based on Solar Cycles Phases", 1993stp2.conf...273O [ADS](#)
- Obridko, V., Belov, A., Ishkov, V., et al., "The Main Features of Solar Cycle 22 and Some Forecasts of Cycle 23", 1993stp2.conf...261O [ADS](#)
- Rivin, Y. R. & Obridko, V. N., "Frequency Composition of Multiyear Variations of the Magnetic Field of the Sun as a Whole", 1992SvA...36...557R [ADS](#)
- Rivin, Y. R. & Obridko, V. N., "Frequency composition of long-period magnetic field variations of the sun as a star", 1992AZh...69.1083R [ADS](#)
- Obridko, V. N. & Shelting, B. D., "Cyclic Variation of the Global Magnetic Field Indices", 1992SoPh...137...167O [ADS](#)
- Obridko, V. & Gaziev, G., "Some Comments to the Problem of Extended Cycles in Large-Scale Magnetic Fields", 1992ASPC...27...410O [ADS](#)
- Obridko, V. N. & Shelting, B. D., "Coronal Holes and Photospheric Magnetic Fields", 1990SvA...34...449O [ADS](#)
- Kuklin, G. V. & Obridko, V. N., "Some problems of investigation of the Sun within the STEP program.", 1990Ge&Ae...30...529K [ADS](#)
- Obridko, V. N. & Shelting, B. D., "Coronal holes and photospheric magnetic fields", 1990AZh...67...890O [ADS](#)
- Kuklin, G. V. & Obridko, V. N., "Some problems of investigation of the Sun within the framework of the STEP project.", 1990Ge&Ae...30...449K [ADS](#)
- Shelting, B. D., Obridko, V. N., & Yermakov, F. A., "Fine Structure of the Solar Cycle", 1989ATsir1540...23S [ADS](#)
- Obridko, V. N. & Yermakov, F. A., "SOLAR-CYCLE-21 in Heliomagnetic Indices", 1989ATsir1539...24O [ADS](#)

- Obridko, V. N. & Shelting, B. D., "Coronal holes as indicators of large-scale magnetic fields in the corona", 1989SoPh. .124. .730 ADS
- Obridko, V. N., Makarov, V. I., Tavastsherna, K. S., & Gaziev, G. A., "The Spacetime Polarity Distribution of the Largescale Solar Magnetic Field", 1989ATsir1536. .310 ADS
- Kuklin, G. V. & Obridko, V. N., "The Sun as a Source of Energy and Mass", 1989step.conf. .7K ADS
- Ivanov-Kholodnyi, G. S., Lotova, N. A., Obridko, V. N., Fel'Dshtein, I. I., & Fomichev, V. V., "Solar/terrestrial physics", in Electromagnetic and Plasma Processes from the Sun to the earth's Core, 36-49 1989epps.book. .36I ADS
- Obridko, V. N., "Dispersion of monthly mean Wolf's numbers as a prediction index.", 1989BSolD. .11. .1060 ADS
- Obridko, V. & Obridko, V., "Book Review: The solar wind and the earth. /Reidel, 1987", 1988SoPh. .116. .4090 ADS
- Shel'Ting, B. D. & Obridko, V. N., "Coronal holes and prediction of recurrent high-velocity streams.", 1988KFNT. .4. .29S ADS
- Stepanov, V. E. & Obridko, V. N., "Book-Review - Solar Maximum Analysis - Proceedings International Workshop - Irkutsk U.S.S.R. - 1985JUN17-24", 1988S&T. .75R.498S ADS
- Zevakina, R. A. & Obridko, V. N.: 1988, *Prognozirovaniye ionosfernykh, magnitosfernykh vozmushcheniy i solnechnoy aktivnosti (Prediction of ionospheric, magnetospheric disturbances and of solar activity)*, 1988pimv.book. . . .Z ADS
- Obridko, V. N. & Shel'Ting, B. D., "Differential rotation of the sun", 1988IGAFS. .83. .30 ADS
- Obridko, V. N. & Shel'Ting, B. D., "On the differential rotation of coronal holes.", 1988BSolD1988. .890 ADS
- Kuklin, G. V. & Obridko, V. N., "Rotation of the sector structure of the interplanetary magnetic field(1926 - 1980).", 1988BSolD1988. .78K ADS
- Obridko, V. N. & Staude, J., "A two-component working model for the atmosphere of a large sunspot umbra", 1988A&A. .189. .2320 ADS
- Obridko, V. N. & Shel'Ting, B. D., "Reciprocal space-time localization of the sector structure of the interplanetary magnetic field and the large-scale field of the Sun.", 1987Ge&Ae. .27. .6600 ADS
- Gershberg, R. E., Mogilevskii, E. I., & Obridko, V. N., "Energetics of activity of flare stars and the Sun: a synergetical approach.", 1987KFNT. .3R. .3G ADS
- Obridko, V. N. & Shel'Ting, B. D., "Relationship between coronal holes, high-velocity streams and the sector structure of the interplanetary magnetic field.", 1987Ge&Ae. .27. .1970 ADS
- , "Solar Maximum Analysis. Proceedings of the International Workshop, held in Irkutsk, USSR, June 17-24, 1985.", 1987sman.work. . . .S ADS
- , "Prediction of ionospheric and magnetospheric disturbances and solar activity", 1987pimd.conf. . . .Z ADS
- Migulin, V. V., Miroshnichenko, L. I., & Obridko, V. N., "Solar-terrestrial physics: problems and perspectives.", 1987VeSSR. .9. .83M ADS
- Obridko, V. N. & Hejna, L., "Book-Review - Sunspots and Activity Complexes", 1986BAICz. .37. .3160 ADS
- Obridko, V. N., Konstantinova, L. I., Konakh, M. M., & Mansurov, G. S., "Cyclic variations of a connection between the interplanetary magnetic-field sector structure, high-velocity streams and geomagnetic disturbances.", 1986Ge&Ae. .26. .3130 ADS
- Daniil'Chev, B. V., Morozova, L. P., & Obridko, V. N., "Cyclic variations of the solar radio flux at 10.7 and 3.2 cm and their prognostic implications.", 1986BSolD1986. .69D ADS
- Vitinskij, Y. I., Kuklin, G. V., & Obridko, V. N., "On principal phases of the solar cycle.", 1986BSolD1986. .53V ADS
- Daniilchev, B. V., Morozova, L. P., & Obridko, V. N., "Cyclic Variations of the Solar Radio Flux at 10.7-CM and 3.2-CM and Their Prognostic Implications", 1986BSolD. .4. .69D ADS
- Obridko, V. N. & Shelting, B. D., "Fluctuation characteristics of the interplanetary magnetic field in the frequency range  $3 \times 10^{-4}$  -  $10^{-2}$  Hz.", 1985Ge&Ae. .25. .8810 ADS
- Obridko, V. N.: 1985a, *Solnechnye piatna i komplekсы aktivnosti 1985spka.book. . . .0 ADS*
- Obridko, V. N.: 1985b, *Sunspots and activity complexes. 1985sac. .book. . . .0 ADS*
- Obridko, V. N. & Shel'Ting, B. D., "The behaviour of the interplanetary magnetic field fluctuations in the frequency interval of  $10^{-3}$  -  $10^{-5}$  Hz.", 1985BSolD1985. .910 ADS
- Obridko, V. N., "The evolution of the IMF sector structure for the period of 1926 - 1980.", 1985BSolD1984. .540 ADS
- Obridko, V. N. & Shelting, B. D., "The Behaviour of the Interplanetary Magnetic Field Fluctuations in the Frequency Interval of  $10^{-3}$ -HZ to  $10^{-5}$ -HZ", 1985BSolD. .9. .910 ADS
- Vitinsky, Y. I., Kuklin, G. V., & Obridko, V. N., "On Principal Phases of the Solar Cycle", 1985BSolD. .3. .53V ADS
- Badalyan, O. G. & Obridko, V. N., "Comparative Characteristics of Stellar and Sunspot Spectra", 1984SvA. . . .28. .564B ADS
- Staude, J., Furstenberg, F., Hildebrandt, J., et al., "The Atmosphere of a Sunspot Based on Observations in the X-Ray Extreme Ultraviolet Optical and Radio Ranges", 1984SvA. . . .28. .557S ADS
- Badalyan, O. G. & Obridko, V. N., "Comparative spectral characteristics of stars and sunspot spectra.", 1984AZh. . . .61. .968B ADS
- Staude, J., Furstenberg, F., Hildebrandt, J., et al., "The atmosphere of a sunspot based on observations in the X-ray, extreme ultraviolet, optical, and radio ranges", 1984AZh. . . .61. .956S ADS
- Shelting, B. D., Valchuk, T. E., Feldshtein, I. I., & Obridko, V. N., "Fluctuations of the interplanetary and geomagnetic fields in connection with proton bursts.", 1984Ge&Ae. .24. .557S ADS
- Obridko, V. N., "The Evolution of the IMF Sector for the Period of 1926-1980", 1984BSolD. .11. .540 ADS
- Obridko, V. N., "Some trends in modern solar physics.", 1983PDHO. . . .5. .250 ADS
- Obridko, V. N. & Shel'Ting, B. D., "Characteristics of the spectrum of fluctuations of the interplanetarymagnetic field and the level of solar activity.", 1983BSolD1983. .800 ADS
- Obridko, V. N. & Shelting, B. D., "Characteristics of IMF Fluctuation Spectrum and the Level of Solar Activity", 1983BSolD. .9. .800 ADS
- Staude, J., Hildebrandt, J., Fuerstenberg, F., et al., "A working model of sunspot structure in photosphere, chromosphere and corona, derived from X-ray, EUV, optical and radio observations", 1983AcA. . . .33. .441S ADS
- Boyarskij, Y., Kononovich, E. V., Kupryakov, Y. A., et al., "Solar image properties at a site near Norilsk.", 1983ATsir1289. .3B ADS
- Bojarskij, D. A., Kononovich, E. V., Kupriakov, Y. A., et al., "Solar Image Properties at a Site Near Norilsk", 1983ATsir1289. .1B ADS
- Obridko, V. N., "Analysis of cyclic variations of the sector structure of the interplanetary magnetic field during the period from 1926 to 1980.", 1981pkem.conf. . . .210 ADS
- Obridko, V. N., "Structure of the atmosphere above sunspots", 1979SvA. . . .23. .380 ADS
- Obridko, V. N., "Structure of the atmosphere above sunspots", 1979AZh. . . .56. .670 ADS
- Obridko, V. N., Dashevskij, V. M., & Badalyan, O. G., "Temperature distribution in an inhomogeneous medium with radiative equilibrium.", 1979fsif.conf. . . .160 ADS
- Obridko, V. N., "Isolating protective shell around a sunspot umbra.", 1979BSolD1979. .960 ADS
- Obridko, V. N., "Insulating Protective Shell around the Sunspot Umbra", 1979BSolD. .4. .960 ADS
- Obridko, V. N., "The Origin of Bright Umbral Elements and Forced Oscillatory Convection", 1979BSolD. .3. .1010 ADS
- Obridko, V. N. & Teplitskaya, R. B., "Physical conditions in sunspots.", 1978pos. .conf. . . .70 ADS
- Obridko, V. N., Teplitskaia, R. B., & Dubov, E. E.: 1978, *Fizika Solntsa 1978fiso.book. . . .0 ADS*
- Kasinskij, V. V., Ivanov, E. V., & Obridko, V. N., "Index of compactness of solar active regions and characteristics of proton events.", 1977IGAFS. .42. .34K ADS
- Obridko, V. N. & Badalyan, O. G., "Physical conditions in a sunspot penumbra.", 1977BSolD1977. .980 ADS
- Demkina, L. B. & Obridko, V. N., "Anomalies in the Zeeman triplet in a sunspot spectrum.", 1976fsp. .conf. . . .58D ADS
- Obridko, V. N., Dashevskij, V. M., & Badalyan, O. G., "Temperature distribution in a non-homogeneous medium with radiative equilibrium.", 1976fsp. .conf. . . .540 ADS
- Obridko, V. N. & Teplitskaya, R. B., "Physical conditions in sunspots.", 1976fsp. .conf. . . .30 ADS
- Badalian, O. G. & Obridko, V. N., "Variations in the intensity of photospheric lines and the continuum due to small changes of the physical parameters", 1976SvA. . . .19. .342B ADS
- Obridko, V. N., "Origin of bright umbral dots in sunspots", 1975SvA. . . .18. .7580 ADS
- Badalian, O. G. & Obridko, V. N., "Variations in the intensity of photospheric lines and the continuum due to small changes of the physical parameters", 1975AZh. . . .52. .561B ADS
- Dodson, H. W., Hedeman, E. R., Kreplin, R. W., et al.: 1975, *Catalog of solar particles events, 1955 - 1969*, Vol. 49 1975cspe.book. . . .D ADS
- Obridko, V. N., "Origin of bright umbral dots in sunspots", 1974AZh. . . .51. 12720 ADS
- Obridko, V. N., Mansurov, S. M., & Mansurova, L. G., "Solar proton flares and the sectorial structure of the interplanetary magnetic field.", 1974GeA. . . .14. . . .30 ADS
- Obridko, V. N., Mansurov, S. M., & Mansurova, L. G., "Solar Proton Flares and the Sector Structure of the Interplanetary Magnetic Field", 1974Ge&Ae. .14. . . .10 ADS

- Obridko, V. N., "An inhomogeneous sunspot model. I. The effect of inhomogeneity on the evaluation of "empirical" models.", 1974BSolD1974...730 [ADS](#)
- Obridko, V. N., "An inhomogeneous sunspot model. II. Spectral line intensification in a spot.", 1974BSolD1974...720 [ADS](#)
- Mogilevsky, E., Ioshpa, B., & Obridko, V., "On the Polarization of the Solar Coronal Emission Lines", 1973SoPh...33...169M [ADS](#)
- Mogilevskii, É. I., Obridko, V. N., & Shel'Ting, B. D., "The Spectrum of Low-Frequency Oscillations of the Magnetic Field of Sunspots, and Low-Frequency Modulation of the Radioemission from the Active Regions of the Sun", 1973R&QE...16.1043M [ADS](#)
- Demkina, L. B. & Obridko, V. N., "Polarization of the Radiation of Magnetic Stars.", 1973SvA...16..853D [ADS](#)
- Ioshpa, B. A., Obridko, V. N., & Shelting, B. D., "Short-Periodic Oscillations of the Magnetic Field of the Sun as a Star", 1973SoPh...29..385I [ADS](#)
- Dashevskii, V. M. & Obridko, V. N., "Temperature Distribution in an Irregularity in Radiative Equilibrium.", 1973SvA...16..651D [ADS](#)
- Mogilevskij, E. I., Obridko, V. N., & Shel'Ting, B. D., "The spectrum of low-frequency oscillations of the magnetic field of sunspots and low-frequency modulation of radio emission of solar active regions.", 1973IzVUZ...16.1357M [ADS](#)
- Demkina, L. B. & Obridko, V. N., "Polarization of the Radiation of Magnetic Stars.", 1972AZh...49.1046D [ADS](#)
- Dashevskii, V. M. & Obridko, V. N., "Temperature Distribution in an Irregularity in Radiative Equilibrium.", 1972AZh...49..796D [ADS](#)
- Obridko, V. N. & Demkina, L. B., "On the Interpretation of the  $\pi$ -Component Splitting in Sunspot Spectra", 1972SoPh...24..3360 [ADS](#)
- Demkina, L. B. & Obridko, V. N., "On the wings of the sigma -components of magnetically sensitive lines in sunspots.", 1972BSolD1972..101D [ADS](#)
- Křivský, L. & Obridko, V., "Large-Scale Mutual Relations of Spot Groups in Proton Complex", 1969SoPh...6..418K [ADS](#)
- Zhulin, I. A. & Obridko, V. N., "Problems of solar-terrestrial physics (Symposium at Crimea).", 1969VeSSR...4...95Z [ADS](#)
- Bumba, V. & Obridko, V. N., "'Bartels' active longitudes', sector boundaries and flare activity", 1969SoPh...6..104B [ADS](#)
- Obridko, V. N., "Some comments on the long-term forecasts of proton flares", 1969BAICz...20...370 [ADS](#)
- Mogilevsky, E. I., Demkina, L. B., Dolginova, Y. N., et al., "Magnetic field decay in the group 21034 during the proton flare period of July 1966.", 1969AIQSY...3..222M [ADS](#)
- Kopecký, M. & Obridko, V., "On the Energy Release by Magnetic Field Dissipation in the Solar Atmosphere", 1968SoPh...5..354K [ADS](#)
- Obridko, V. N., "Applicability of the Existing Theories of the Formation of Spectral Lines in a Magnetic Field for Quantitative Interpretation of Solar Magnetograph Readings", 1968soac.conf...860 [ADS](#)
- Obridko, V. N., "Magnetic-Field Radiation-Scattering Matrix Derived With Allowance for the Phase Couplings of the Upper-Level Wave Function", 1968soac.conf...770 [ADS](#)
- Zhulin, I. A., Ioshpa, B. A., Mogilevsky, E. I., & Obridko, V. N., "Simultaneous Measurement of Magnetic Fields on Two Levels in the Sun's Atmosphere", 1968soac.conf...39Z [ADS](#)
- Mogilevsky, E. I., Demkina, L. B., Ioshpa, B. A., & Obridko, V. N., "On the Structure of the Magnetic Field of Sunspots", 1968IAUS...35..215M [ADS](#)
- Obridko, V. N., "On the two-component sunspot model", 1968BAICz...19..1860 [ADS](#)
- Obridko, V. N., "On the two-component structure of the sunspot magnetic field", 1968BAICz...19..1830 [ADS](#)
- Livshits, M. A., Obridko, V. N., & Pikel'Ner, S. B., "Radio Emission and Atmospheric Structure above Sunspots", 1967SvA...10..909L [ADS](#)
- Livshits, M. A., Obridko, V. N., & Pikel'Ner, S. B., "Radio Emission and Atmospheric Structure above Sunspots", 1966AZh...43.1135L [ADS](#)
- Obridko, V. N., "Development of a Solar Absorption Line with a Split Upper Level in a Magnetic Field", 1965SvA...9..3980 [ADS](#)
- Obridko, V. N., "Scattering Matrix for Radiation in a Magnetic Field", 1965SvA...9...770 [ADS](#)
- Karnitskaya, Y. A. & Obridko, V. N., "Computation of the Components of the Total Vector from Observations with a Solar Magnetograph", 1965Ge&Ae...5..257K [ADS](#)
- Obridko, V. N., "Development of a Solar Absorption Line with a Split Upper Level in a Magnetic Field", 1965AZh...42..5020 [ADS](#)
- Obridko, V. N., "Scattering Matrix for Radiation in a Magnetic Field", 1965AZh...42..1020 [ADS](#)
- Ioshpa, B. A. & Obridko, V. N., "Measurement of the Magnitude and Direction of the Magnetic Field in the Region of Sunspots", 1964SvA...7..776I [ADS](#)
- Ioshpa, B. A. & Obridko, V. N., "Measurement of the Magnitude of the Magnetic Field on the Sun", 1964Ge&Ae...4...12I [ADS](#)
- Obridko, V. N., "The K<sub>232</sub> Line Profile and the Structure of the Solar Atmosphere", 1963SvA...7..3420 [ADS](#)
- Ioshpa, B. A. & Obridko, V. N., "Measurement of the Magnitude and Direction of the Magnetic Field in the Region of Sunspots", 1963AZh...40.1015I [ADS](#)
- Obridko, V. N., "The K<sub>232</sub> Line Profile and the Structure of the Solar Atmosphere", 1963AZh...40..4460 [ADS](#)
- Ioshpa, B. A. & Obridko, V. N., "Low-Noise Receiver for an Ionospheric Station", 1962Ge&Ae...2..454I [ADS](#)
- Ioshpa, B. A. & Obridko, V. N., "Problem of Measuring the Absolute Magnitude of the Magnetic Field on the Sun with a Photoelectric Magnetometer", 1962Ge&Ae...2..451I [ADS](#)
- Obridko, V. N., "Excitation of the Ca II K Line in the Solar Chromosphere", 1961SvA...4..9610 [ADS](#)
- Obridko, V. N., "Excitation of the Ca II K Line in the Solar Chromosphere", 1960AZh...37.10280 [ADS](#)