Bibliography from ADS file: getling.bib
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Getling, A. V. & Kosovichev, A. G., *"Spatial Scales and Time Variation of Solar Subsurface Convection"*, 2022arXiv220804642G ADS

Kosovichev, A., Pipin, V., Getling, A., et al., *"Helioseismic Monitoring of Solar Subsurface Dynamics and Activity"*, 2022cosp...44.3215K ADS

Kosovichev, A. G., Guerrero, G., Stejko, A. M., Pipin, V. V., & Getling, A. V., *"Advances and Challenges in Observations and Modeling of the Global-Sun Dynamics and Dynamo"*, 2022arXiv220310721K ADS

Getling, A. V. & Kosovichev, A. G., *"Spatial Spectrum of Solar Convection from Helioseismic Data: Flow Scales and Time Variations"*, 2022arXiv220100638G ADS

Guerrero, G., Stejko, A., Kosovichev, A., Getling, A., & Smolarkiewicz, P., *"Multiscale Organization of Turbulent Convection in Global-Sun Simulations"*, 2021AGUFMSH55D1885G ADS

Stejko, A., Kosovichev, A., Pipin, V., et al., *"3D Helioseismic Forward-Modeling and Analysis of Meridional Circulation"*, 2021AGUFMSH55D1870S ADS

Kosovichev, A., Getling, A., Guerrero, G., Pipin, V., & Stejko, A., *"Large-Scale Dynamics of Solar Subsurface Shear Layer: Theoretical Predictions and Helioseismic Inferences"*, 2021AGUFMSH53C..03K ADS

Kosovichev, A., Pipin, V., & Getling, A., *"The Origin Of The Extended Solar Cycle"*, 2021AAS...23830405K ADS

Kosovichev, A. G., Getling, A. V., & Pipin, V. V., *"Helioseismic Observations and Modeling of Solar Dynamo"*, 2021csss.confE.115K ADS

Getling, A. V., Kosovichev, A. G., & Zhao, J., *"Evolution of Subsurface Zonal and Meridional Flows in Solar Cycle 24 from Helioseismological Data"*, 2021ApJ...908L..50G ADS

Getling, A. V., *"Peculiarities of the Dynamics of Solar NOAA Active Region 12673"*, 2019ApJ...878..127G ADS

Getling, A. V. & Buchnev, A. A., *"The Origin and Early Evolution of a Bipolar Magnetic Region in the Solar Photosphere"*, 2019ApJ...871..224G ADS

Shcheritsa, O. V., Getling, A. V., & Mazhorova, O. S., *"Effects of variable thermal diffusivity on the structure of convection"*, 2016arXiv160402543S ADS

Getling, A. V., Ishikawa, R., & Buchnev, A. A., *"Development of Active Regions: Flows, Magnetic-Field Patterns and Bordering Effect"*, 2016SoPh..291..371G ADS

Shcheritsa, O. V., Getling, A. V., & Mazhorova, O. S., *"Stratification-induced scale splitting in convection"*, 2015AdSpR..55..927S ADS

Getling, A. V., Ishikawa, R., & Buchnev, A. A., *"Doubts about the crucial role of the rising-tube mechanism in the formation of sunspot groups"*, 2015AdSpR..55..862G ADS

Getling, A., Shcheritsa, O., & Mazhorova, O., *"Why can different flow scales coexist in solar convection?"*, 2014cosp...40E.976G ADS

Getling, A., Mazhorova, O., & Kolmychkov, V., *"Can subphotospheric magnetic fields be amplified and structured by a convective mechanism?"*, 2014cosp...40E.975G ADS

Getling, A., Ishikawa, R., & Buchnev, A., *"Formation of sunspot groups: Do we see manifestations of the rising-tube mechanism?"*, 2014cosp...40E.974G ADS

Getling, A. V., Mazhorova, O. S., & Shcheritsa, O. V., *"Concerning the multiscale structure of solar convection"*, 2013Ge&Ae..53..904G ADS

Getling, A. V., Mazhorova, O. S., & Shcheritsa, O. V., *"Toward understanding the multiscale spatial spectrum of solar convection"*, 2013IAUS..294..361G ADS

Getling, A. V., *"The flow helicity in quasi-orderedcellular convection"*, 2013IAUS..294..359G ADS

Getling, A. V., Kolmychkov, V. V., & Mazhorova, O. S., *"Convective mechanism of amplification and structuring of magnetic fields"*, 2013IAUS..294..137G ADS

Getling, A. V., *"The helicity of the velocity field for cellular convection in a rotating layer"*, 2012ARep...56..395G ADS

Getling, A. V. & Buchnev, A. A., *"Some structural features of the convective-velocity field in the solar photosphere"*, 2010ARep...54..254G ADS

Brandt, P. N. & Getling, A. V., *"Do Long-Lived Features Really Exist in the Solar Photosphere? II. Contrast of Time-Averaged Granulation Images"*, 2008SoPh..249..307B ADS

Getling, A. V. & Buchnev, A. A., *"Widespread Occurrence of Trenching Patterns in the Granulation Field: Evidence for Roll Convection?"*, 2008SoPh..248..233G ADS

Getling, A. V. & Buchnev, A. A., *"Quasi-regular structures in the solar photosphere (trenching in the brightness relief): Algorithmic treatment"*, 2007IAUS..239..499G ADS

Getling, A. V. & Bao, X. M., *"Is solar convection responsible for the local amplification and structuring of magnetic fields? (Observational test of the hypothesis)"*, 2007IAUS..239..496G ADS

Getling, A. V., Simitev, R. D., & Busse, F. H., *"Generation of coupled global and local magnetic fields by a cellular MHD dynamo"*, 2007IAUS..239..482G ADS

Getling, A. V., Simitev, R. D., & Busse, F. H., *"Can cellular convection in a rotating spherical shell maintain both global and local magnetic fields?"*, 2007IJGA....7.1004G ADS

Getling, A. V., *"Do Quasi-Regular Structures Really Exist in the Solar Photosphere? I. Observational Evidence"*, 2006SoPh..239...93G ADS

Getling, A. V., Simitev, R. D., & Busse, F. H., *"Cellular dynamo in a rotating spherical shell"*, 2005AN....326..241G ADS

Getling, A. V., *"Structure of solar convection: guesses and observational evidence"*, 2004IAUS..223..247G ADS

Dobler, W. & Getling, A. V., *"Compressible magnetoconvection as the local producer of solar-type magnetic structures"*, 2004IAUS..223..239D ADS

Brandt, P. N. & Getling, A. V., *"Contrast of time-averaged images of the solar granulation"*, 2004IAUS..223..231B ADS

Getling, A. V. & Brandt, P. N., *"Regular Photospheric Patterns (Trenching in the Brightness Relief) and Persistence of the Granular Field"*, 2003ASPC..286..185G ADS

Getling, A. V. & Ovchinnikov, I. L., *"Convective Mechanism for Formation of Solar Magnetic Bipoles"*, 2003ASPC..286..139G ADS

Getling, A. V. & Ovchinnikov, I. L., *"Solar convection as the producer of magnetic bipoles"*, 2002ESASP.506..819G ADS

Getling, A. V. & Brandt, P. N., *"Quasi-regular structures of the solar photosphere"*, 2002ESASP.506..617G ADS

Getling, A. V. & Brandt, P. N., *"Regular structures of the solar photosphere. (Persistence of the granular field and trenching in the brightness relief)"*, 2002A&A...382L...5G ADS

Getling, A. V., *"Solar convection and sunspot formation mechanishm"*, 2001A&AT...20..433G ADS

Getling, A. V., *"Convective Mechanism for the Formation of Photospheric Magnetic Fields"*, 2001ARep...45..569G ADS

Getling, A. V., *"Hydrodynamic Instabilities and Photospheric Structures"*, 2000ARep...44...56G ADS

Alekseeva, L. M., Getling, A. V., & Savelev, V. V., *"Numerical modelling of the magnetospheric convection in the region of closed force lines of the magnetic field."*, 1982Ge&Ae..22..612A ADS

Getling, A. V., *"The convective zone of the sun."*, 1982IGAFS..61....3G ADS

Getling, A. V. & Tverskoi, B. A., *"Theories of solar activity."*, 1980IzSSR..44.2560G ADS

Getling, A. V., *"On the scales of convection flows in a horizontal layer with radiative energy transfer"*, 1980FizAO..16..529G ADS

Alekseeva, L. M., Getling, A. V., & Magnitskii, B. V., *"Standing acoustic-gravity waves in the high-latitude atmosphere with allowance for the rotation of the earth"*, 1980Ge&Ae..20...72A ADS

Getling, A. V. & Tverskoj, B. A., *"A model of an oscillating hydromagnetic dynamo. II."*, 1971GeA....11..389G ADS

Getling, A. V. & Tverskoy, B. A., *"Model of an Oscillatory Hydromagnetic Dynamo. II"*, 1971Ge&Ae..11..330G ADS

Getling, A. V. & Tverskoj, B. A., *"A model of an oscillating hydromagnetic dynamo. I."*, 1971GeA....11..211G ADS

Getling, A. V. & Tverskoy, B. A., *"Model of an Oscillatory Hydromagnetic Dynamo. I"*, 1971Ge&Ae..11..176G ADS

Getling, A. V., Kuzmin, V. V., & Tverskoj, B. A., *"Criteria of thermal (overheat) instability of a transparent radiating gas."*, 1971DoSSR.196...71G ADS

Getling, A. V., *"Magnetic Fields in the Convection Cells of the Supergranulation Zone."*, 1969SvA....12..967G ADS

Getling, A. V., *"Solution of a class of magnetohydrodynamic problems with strengthening of the magnetic field."*, 1969DoSSR.187..301G ADS

Getling, A. V. & Tverskoi, B. A., *"A Possible Mechanism for Producing Sunspot Magnetic Fields."*, 1968SvA....12..481G ADS

Getling, A. V., *"Magnetic Fields in the Convection Cells of the Supergranulation Zone."*, 1968AZh....45.1222G ADS

Getling, A. V. & Tverskoi, B. A., *"A Possible Mechanism for Producing Sunspot Magnetic Fields."*, 1968AZh....45..606G ADS

Getling, A. V., *"Propagation of Hydromagnetic Waves in a Slightly Inhomogeneous Medium"*, 1967SvA....11..410G ADS

Getling, A. V., *"Propagation of Hydromagnetic Waves in a Slightly Inhomogeneous Medium"*, 1967AZh....44..513G ADS

Getling, A. V., *"Hydromagnetic Waves in a Nonisentropic Medium in the Presence of a Gravitational Field"*, 1965SvA.....9..451G ADS

Getling, A. V., *"Hydromagnetic Waves in a Nonisentropic Medium in the Presence of a Gravitational Field"*, 1965AZh....42..568G ADS