

Bibliography from ADS file: koutchmy.bib
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- Koutchmy, S., “*Refraction and scattering in the atmosphere of the planet Venus: The Lomonosov arc*”, 2022arXiv220706760K [ADS](#)
- Mierla, M., Inhester, B., Zhukov, A. N., et al., “*Polarimetric Studies of a Fast Coronal Mass Ejection*”, 2022SoPh..297...78M [ADS](#)
- Koutchmy, S., Filippov, B., Tavabi, E., Noens, J.-C., & Wurmser, O., “*Polar regions activity and the prediction of the height of the solar cycle 25*”, 2022arXiv220509089K [ADS](#)
- Koutchmy, S., Sèvre, F., Rochain, S., Noëns, J. C., & Pitout, F., “*Polarimetric Coronagraphy to record the initiation of CMEs*”, 2021sf2a.conf..298K [ADS](#)
- Koutchmy, S., Tavabi, E., Noëns, J. C., Wurmser, O., & Filippov, B., “*Predicting the height of the solar cycle 25 through polar regions activity*”, 2021sf2a.conf..238K [ADS](#)
- Filippov, B., Koutchmy, S., & Lefaudeux, N., “*Solar Total Eclipse of 21 August 2017: Study of the Inner Corona Dynamical Events Leading to a CME*”, 2020SoPh..295...24F [ADS](#)
- Koutchmy, S., Baudin, F., Abdi, S., Golub, L., & Sèvre, F., “*Total solar eclipse 2017 in USA: deep coronal spectra*”, 2019sf2a.conf..363K [ADS](#)
- Koutchmy, S., Filippov, B., Leclaire, J. M., et al., “*Eclipse 2017: new results on the dynamical inner-corona*”, 2019sf2a.conf..361K [ADS](#)
- Koutchmy, S., Baudin, F., Abdi, S., Golub, L., & Sèvre, F., “*New deep coronal spectra from the 2017 total solar eclipse*”, 2019A&A...632A..86K [ADS](#)
- Dennefeld, M., Koutchmy, S., Sèvre, F., et al., “*Pointing the NTT at the Sun: Studying the Solar Corona During the Total Eclipse*”, 2019Msngr.177...54D [ADS](#)
- Tavabi, E. & Koutchmy, S., “*Chromospheric Peculiar Off-limb Dynamical Events from IRIS Observations*”, 2019ApJ...883...41T [ADS](#)
- Platov, Y. V., Koutchmy, S., & Nikolayshvili, S. S., “*Atmospheric Emission Layers according to Photographic Observations from the International Space Station*”, 2019Ge&Ae..59..351P [ADS](#)
- Tavabi, E., Koutchmy, S., & Golub, L., “*Polar Coronal Plumes as Tornado-like Jets*”, 2018ApJ...866...35T [ADS](#)
- Lamy, P., Floyd, O., & Koutchmy, S., “*Evidence of cool prominence material embedded in CMEs from polarization measurements*”, 2018cosp...42E1930L [ADS](#)
- Koutchmy, S., Tavabi, E., & Urtado, O., “*Observation of galactic cosmic ray spallation events from the SOHO mission 20-yr operation of LASCO*”, 2018MNRAS.478.1265K [ADS](#)
- Goodarzi, H., Koutchmy, S., & Adjabshirizadeh, A., “*Proper Motions of Sunspotextquoteright Umbral Dots at High Temporal and Spatial Resolution*”, 2018ApJ...860..168G [ADS](#)
- Tavabi, E., Koutchmy, S., & Bazin, C., “*Analysis of a Failed Eclipse Plasma Ejection Using EUV Observations*”, 2018SoPh..293...42T [ADS](#)
- Vivès, S., Lamy, P., Saisse, M., Boit, J. L., & Koutchmy, S., “*Preliminary optical design of the coronagraph for the ASPIICS formation flying mission*”, 2017SPIE10567E..1WV [ADS](#)
- Venet, M., Bazin, C., Koutchmy, S., & Lamy, P., “*Stray light rejection in giant externally-occulted solar coronagraphs: experimental developments*”, 2017SPIE10565E..1WV [ADS](#)
- Goodarzi, H., Koutchmy, S., & Adjabshirizadeh, A., “*Improved SOT (Hinode mission) high resolution solar imaging observations: 2-Photometric properties of sunspot umbral dots*”, 2016Ap&SS.361..366G [ADS](#)
- Tavabi, E. & Koutchmy, S., “*Multiple Null Point Reconstructions in a limb faint cool jet ejection event*”, 2016aiaw.conf..127T [ADS](#)
- Samra, J., Cheimets, P., DeLuca, E., et al., “*An airborne infrared spectrometer for solar eclipse observations*”, 2016SPIE.9908E..5US [ADS](#)
- Lamy, P., Boclet, B., & Koutchmy, S., “*Prominence material embedded in coronal mass ejections as observed with the LASCO-C2 coronagraph using polarization diagnostic*”, 2016cosp...41E1107L [ADS](#)
- Bazin, C., Vilina, J., Wittich, R., et al., “*Photometric analysis of the corona during the 20 March 2015 total solar eclipse: density structures, hydrostatic temperatures and magnetic field inference.*”, 2015sf2a.conf..259B [ADS](#)
- Tavabi, E., Koutchmy, S., & Golub, L., “*Limb Event Brightenings and Fast Ejection Using IRIS Mission Observations*”, 2015SoPh..290.2871T [ADS](#)
- Lamy, P., Prado, J.-Y., Floyd, O., et al., “*A Novel Technique for Measuring the Solar Radius from Eclipse Light Curves - Results for 2010, 2012, 2013, and 2015*”, 2015SoPh..290.2617L [ADS](#)
- Galy, C., Fineschi, S., Galano, D., et al., “*Design and modelisation of ASPIICS optics*”, 2015SPIE.9604E..0BG [ADS](#)
- Renotte, E., Alia, A., Bemporad, A., et al., “*Design status of ASPIICS, an externally occulted coronagraph for PROBA-3*”, 2015SPIE.9604E..0AR [ADS](#)
- Goodarzi, H., Koutchmy, S., & Adjabshirizadeh, A., “*Improved SOT (Hinode mission) high resolution solar imaging observations*”, 2015Ap&SS.358...25G [ADS](#)
- Riley, P., Lionello, R., Linker, J. A., et al., “*Inferring the Structure of the Solar Corona and Inner Heliosphere During the Maunder Minimum Using Global Thermodynamic Magnetohydrodynamic Simulations*”, 2015ApJ...802..105R [ADS](#)
- Tavabi, E., Koutchmy, S., Ajabshirizadeh, A., Ahangarzadeh Maralani, A. R., & Zeighami, S., “*Alfvénic waves in polar spicules*”, 2015A&A...573A...4T [ADS](#)
- Bazin, C., Koutchmy, S., Lamy, P., & Veselovski, I., “*The photosphere-corona Interface: enrichment of the corona in low FIP elements and helium shells*”, 2014sf2a.conf..209B [ADS](#)
- Bazin, C., Zhi, X., Valls-Gabaud, D., et al., “*The June 6 2012 transit of Venus: Imaging and spectroscopic analysis of the upper atmosphere emission*”, 2014sf2a.conf..57B [ADS](#)
- Fathivavsari, H., Ajabshirizadeh, A., & Koutchmy, S., “*Spectral atlases of the Sun from 3980 to 7100 Å at the center and at the limb*”, 2014Ap&SS.353..347F [ADS](#)
- Tavabi, E. & Koutchmy, S., “*Oscillations in solar jets observed with the SOT of Hinode: viscous effects during reconnection*”, 2014Ap&SS.352...7T [ADS](#)
- Fathivavsari, H., Ajabshirizadeh, A., & Koutchmy, S., “*VizieR Online Data Catalog: 398-710nm Sun spectral atlases (Fathivavsari+, 2014)*”, 2014yCatp017035301F [ADS](#)
- Koutchmy, S., Filippov, B., Tavabi, E., Bazin, C., & Weiller, S., “*3D dynamical structuring of a high latitude erupting prominence: II- Analysis of the coronal context and eruption*”, 2014IAUS..300..433K [ADS](#)
- Koutchmy, S., Filippov, B., Tavabi, E., Bazin, C., & Weiller, S., “*3D dynamical structuring of a high latitude erupting prominence: I- Analysis of the cool plasma flows before the eruption*”, 2014IAUS..300..430K [ADS](#)
- Bazin, C., Koutchmy, S., Lamy, P., & Tavabi, E., “*Observation of the prominence cavity region using slitless eclipse flash spectra and space borne EUV filtergrams*”, 2014IAUS..300..151B [ADS](#)
- Filippov, B., Koutchmy, S., Martsenyuk, O., & Platov, Y., “*Solar eruptive phenomena*”, 2013AIPC.1551..117F [ADS](#)
- Bazin, C., Koutchmy, S., & Tavabi, E., “*Prominence Cavity Regions Observed Using SWAP 174 Å Filtergrams and Simultaneous Eclipse Flash Spectra*”, 2013SoPh..286..255B [ADS](#)
- Filippov, B., Koutchmy, S., & Tavabi, E., “*Formation of a White-Light Jet Within a Quadrupolar Magnetic Configuration*”, 2013SoPh..286..143F [ADS](#)
- Bazin, C. & Koutchmy, S., “*Helium shells and faint emission lines from slitless flash spectra*”, 2013JAdR...4...307B [ADS](#)
- Tavabi, E., Koutchmy, S., & Ajabshirizadeh, A., “*Increasing the Fine Structure Visibility of the Hinode SOT Ca II H Filtergrams*”, 2013SoPh..283..187T [ADS](#)
- Bazin, C., Koutchmy, S., & Rocher, P., “*About the solar edge and solar diameter variation studies*”, 2012sf2a.conf..495B [ADS](#)
- Bazin, C. & Koutchmy, S., “*Photometric properties of new solar H alpha commercial Fabry-Pérot etalons. Application to the analysis of the chromospheric fringe*”, 2012arXiv1209.1027B [ADS](#)
- Ajabshirizadeh, A., Koutchmy, S., & Tavabi, E., “*Detection of Chromospheric Alfvén Waves in Solar Spicule*”, 2012cosp...39...30A [ADS](#)
- Bazin, C., Koutchmy, S., & Tavabi, E., “*Prominence-cavity regions observed using SWAP 17.4 nm filtergrams and simultaneous eclipse flash spectra*”, 2012arXiv1207.1857B [ADS](#)
- Koutchmy, S., Bazin, C., Damé, L., Rochain, S., & Tavabi, E., “*New Technology Solar Coronagraphs*”, 2012EAS....55..375K [ADS](#)
- Bocchialini, K., Koutchmy, S., Solomon, J., & Tavabi, E., “*Homologous flares inducing EUV filament oscillations with subsequent eruption*”, 2012EAS....55..335B [ADS](#)
- Koutchmy, S., Filippov, B., & Tavabi, E., “*About the magnetic origin of Chromospheric Spicules and Coronal Jets*”, 2012EAS....55..257K [ADS](#)
- Koutchmy, S., Bazin, C., Berghmans, D., et al., “*Plasmoid Ejection at a Solar Total Eclipse*”, 2012EAS....55..223K [ADS](#)
- Bazin, C., Koutchmy, S., & Tavabi, E., “*Prominence-cavity regions observed in 2010 eclipse flash spectra and SWAP images*”, 2012EAS....55..185B [ADS](#)
- Tavabi, E., Koutchmy, S., & Ajabshirizadeh, A., “*solar spicules and jets*”, 2012EAS....55...71T [ADS](#)
- Bocchialini, K., Koutchmy, S., & Solomon, J., “*SOHO observations of oscillatory motions in an eruptive filament: Intensity and velocity variations*”, 2011sf2a.conf..369B [ADS](#)
- Bazin, C., Koutchmy, S., & Lamy, P., “*The helium shells of HeI and HeII at solar minimum: New results from eclipse flash spectra of 2008- 2010*”, 2011sf2a.conf..203B [ADS](#)
- Tavabi, E., Koutchmy, S., & Ajabshirizadeh, A., “*The Three-Dimensional Behavior of a Twisted Flux Tube Expanding in the Corona: Reconnection, Writhe, and Jets*”, 2011TPS...39.2436T [ADS](#)
- Bocchialini, K., Baudin, F., Koutchmy, S., Pouget, G., & Solomon, J., “*Oscillatory motions observed in eruptive filaments*”, 2011A&A...533A..96B [ADS](#)

- Tavabi, E., Koutchmy, S., & Ajabshirizadeh, A., "A statistical analysis of the SOT-Hinode observations of solar spicules and their wave-like behavior", 2011NewA...16..296T [ADS](#)
- Tavabi, E., Koutchmy, S., & Ajabshirizadeh, A., "Null-Point Oscillations of Chromospheric Large Cool Jets", 2011AIPC.1356..99T [ADS](#)
- Tavabi, E., Koutchmy, S., & Ajabshirizadeh, A., "Contribution to the modeling of solar spicules", 2011AdSpR..47..2019T [ADS](#)
- Bazin, C., Koutchmy, S., & Tavabi, E., "The He I and He II chromospheric shells and the Transition Region", 2010arXiv1008.0404B [ADS](#)
- Koutchmy, S., Lamy, P., Viladrich, C., et al., "Coronal Fine Linear Rays: Are They Fast Streams From Active Regions?", 2010AIPC.1216..339K [ADS](#)
- Veselovsky, I. & Koutchmy, S., "5 min loop oscillations and propagating waves in the upper solar atmosphere", 2010cosp...38.2942V [ADS](#)
- Filippov, B., Podladhikova, O., Golub, L., & Koutchmy, S., "Is there a flare-like precursor of EUV waves and CMEs?", 2010cosp...38.2889F [ADS](#)
- Bazin, C. & Koutchmy, S., "Propriétés photométriques d'étalons fabry-pérot pour la raie halpha. application à l'analyse de la fringe chromosphérique du soleil. Propriétés photométriques d'étalons fabry-pérot pour la raie halpha. application à l'analyse de la fringe chromosphérique du soleil. Photometric properties of solar halpha fabry-perot etalons. application to the analysis of the chromospheric fringe.", 20090T....74..2B [ADS](#)
- Filippov, B., Koutchmy, S., & Golub, L., "Jet phenomena above null points of the coronal magnetic field", 2009Ge&Ae..49.1109F [ADS](#)
- Koutchmy, S. & Le Piouffle, V., "Isolated quasi-axisymmetric sunspots", 2009IAUS..259..227K [ADS](#)
- Vivès, S., Lamy, P., Koutchmy, S., & Arnaud, J., "ASPIICS, a giant externally occulted coronagraph for the PROBA-3 formation flying mission", 2009AdSpR..43.1007V [ADS](#)
- Veselovsky, I. S. & Koutchmy, S., "Scientific requirements for future spatially resolved white-light and broad-band high-cadence observations of the Sun", 2009AdSpR..43..995V [ADS](#)
- Filippov, B., Golub, L., & Koutchmy, S., "X-Ray Jet Dynamics in a Polar Coronal Hole Region", 2009SoPh..254..259F [ADS](#)
- Ajabshirizadeh, A., Tavabi, E., & Koutchmy, S., "Magneto-acoustic wave oscillations in solar spicules", 2009Ap&SS.319..31A [ADS](#)
- Koutchmy, S., Mouette, J., & Bazin, C., "Une grande éclipse totale de soleil le 22 juillet 2009Une grande éclipse totale de soleil le 22 juillet 2009The great total eclipse of July 22, 2009?", 20080T....71..2K [ADS](#)
- Filippov, B. & Koutchmy, S., "Causal relationships between eruptive prominences and coronal mass ejections", 2008AnGeo..26.3025F [ADS](#)
- Koutchmy, S., Filippov, B., & Golub, L., "Small-scale Coronal Jets", 2008ESPM..12.2.93K [ADS](#)
- Ajabshirizadeh, A., Koutchmy, S., & Tavabi, E., "Resolution Effect in the Solar Spicules Oscillations", 2008ESPM..12.2.44A [ADS](#)
- Koutchmy, S. & Le Piouffle, V., "About Isolated Quasi-axi-symmetric Sunspots: Description, Statistical Analysis and Theoretical Modelling", 2008ESPM..12..3.6K [ADS](#)
- Lamy, P., Vivès, S., Damé, L., & Koutchmy, S., "New perspectives in solar coronagraphy offered by formation flying: from PROBA-3 to Cosmic Vision", 2008SPIE.7010E..1HL [ADS](#)
- Koutchmy, S., "En attendant l'éclipse totale de soleil du 1er août 2008En attendant l'éclipse totale de soleil du 1er août 2008Planning to observe the total solar eclipse of Aug. 1st 2008", 20080T....69..36K [ADS](#)
- Koutchmy, S., Slemzin, V., Filippov, B., et al., "Analysis and interpretation of a fast limb CME with eruptive prominence, C-flare, and EUV dimming", 2008A&A...483..599K [ADS](#)
- Ajabshirizadeh, A., Tavabi, E., & Koutchmy, S., "Magneto-Acoustic Wave (KINK) Oscillations In Solar Spicules", 2008mear.confE..22A [ADS](#)
- Ajabshirizadeh, A., Tavabi, E., & Koutchmy, S., "Wavelet analysis of solar macro-spicule recurrences", 2008NewA...13..93A [ADS](#)
- Koutchmy, S., "The dynamic solar Corona : violent phenomena of Sun.", 2008LAstr.122c..16K [ADS](#)
- Damé, L., Amans, J. P., Dournaux, J. L., et al., "Solar Astrophysics, Interferometry, and Coronagraphy at DomeC/Concordia", 2008EAS....33..105D [ADS](#)
- Wang, Y. M., Biersteker, J. B., Sheeley, N. R., J., et al., "The Solar Eclipse of 2006 and the Origin of Raylike Features in the White-Light Corona", 2007ApJ...660..882W [ADS](#)
- Lamy, P., Vivès, S., Koutchmy, S., & Arnaud, J., "Chromospheric and Prominence Physics with the ASPIICS Formation Flying Coronagraph", 2007ASPC..368..639L [ADS](#)
- Meunier, N., Noëns, J. C., Romeuf, D., et al., "Coronagraphic Broad-Band H α Observations 1998 - 2000", 2007ASPC..368..351M [ADS](#)
- Koutchmy, S., Filippov, B., & Lamy, P., "Old and New Aspects of Prominence Physics from Coronal Observations", 2007ASPC..368..331K [ADS](#)
- Filippov, B., Koutchmy, S., & Vilinga, J., "On the Dynamic Nature of the Prolate Chromosphere", 2007ASPC..368..177F [ADS](#)
- Filippov, B., Koutchmy, S., & Vilinga, J., "On the dynamic nature of the prolate solar chromosphere: jet formation", 2007A&A...464.1119F [ADS](#)
- Romeuf, D., Meunier, N., Noëns, J. C., et al., "Analysis of broad-band H α coronagraphic observations", 2007A&A...462..731R [ADS](#)
- Noëns, J. C., Romeuf, D., Meunier, N., et al., "Analysis of broad-band H α coronagraphic observations", 2006sf2a.conf..557N [ADS](#)
- Koutchmy, S., Daniel, J. Y., Mouette, J., et al., "Preliminary results from the March 29, 2006 total eclipse observations in Egypt", 2006sf2a.conf..547K [ADS](#)
- Damé, L., Koutchmy, S., Kuzin, S., et al., "The Lyman Alpha Imaging-Monitor Experiment (LAIME) for TESIS/CORONAS-PHOTON", 2006cosp...36.3524D [ADS](#)
- Vivès, S., Lamy, P., Koutchmy, S., & Arnaud, J., "ASPIICS, a giant externally occulted coronagraph for the PROBA-3 formation flyer mission", 2006cosp...36.3063V [ADS](#)
- Veselovsky, I. & Koutchmy, S., "Scientific requirements for future spatially resolved W-L observations of the Sun", 2006cosp...36..202V [ADS](#)
- Damé, L. & Koutchmy, S., "SOLARNET & LAIME: Imaging & Spectroscopy in the Far Ultraviolet", 2006IAUS..233..435D [ADS](#)
- Slemzin, V. A., Koutchmy, S., Noëns, J. C., & Romeuf, D., "The CME dynamics associated to the prominence eruption of December 2, 2003", 2006IAUS..233..395S [ADS](#)
- Vilinga, J., Koutchmy, S., Auchere, F., et al., "Chromospheric Prolateness: Solar Cycle Variations", 2006IAUS..233..240V [ADS](#)
- Veselovsky, I. S. & Koutchmy, S., "On the solar white-light high resolution observations from space", 2006AdSpR..37.1576V [ADS](#)
- Ajabshirizadeh, A. & Koutchmy, S., "The Center Limb Behavior of Facular-Element Fluxes", 2005ESASP.600E..76A [ADS](#)
- Koutchmy, S., Contesse, L., Viladrich, C., Vilinga, J., & Bocchialini, K., "About the Fe XIV 530.3 NM Line Emissions of the Middle Corona", 2005ESASP.600E..26K [ADS](#)
- Vilinga, J. & Koutchmy, S., "The Chromospheric Prolateness and its Variations", 2005ASP..346..269V [ADS](#)
- Cruissaire, D., Durand, P., & Koutchmy, S., "29 mars 2006 : éclipse totale sur 4 continents29 mars 2006 : éclipse totale sur 4 continentsMarch 29, 2006 : total eclipse over four continents", 20050T....60..28C [ADS](#)
- Vives, S., Lamy, P., Auchere, F., et al., "Formation flyers applied to solar coronal observations: the ASPIICS mission", 2005SPIE.5901..305V [ADS](#)
- Koutchmy, S. L. & Molodensky, M. M., "Magnetic Configurations of Streamer Structures in the Solar Atmosphere", 2005AstL...31..398K [ADS](#)
- Koutchmy, S. & Nikoghsian, A. G., "Analysis of the radiation of coronal suprathermal streams", 2005Ap.....48..62K [ADS](#)
- Panasenco, O., Veselovsky, I. S., Dmitriev, A. V., et al., "Solar origins of intense geomagnetic storms in 2002 as seen by the CORONAS-F satellite", 2005AdSpR..36.1595P [ADS](#)
- Contesse, L., Koutchmy, S., & Viladrich, C., "Analysis of non-thermal velocities in the solar corona", 2004AnGeo..22.3055C [ADS](#)
- Koutchmy, S., Baudin, F., Bocchialini, K., et al., "The August 11th, 1999 CME", 2004A&A...420..709K [ADS](#)
- Panasenco, O., Veselovsky, I. S., Zhukov, A. N., et al., "Dynamics of the loop prominence and coronal mass ejection observed on March 2, 2002", 2004cosp...35.2974P [ADS](#)
- Koutchmy, S., "Structure and Dynamics of the Solar Corona", 2004IAUS..223..509K [ADS](#)
- Noëns, J. C., Balestat, M. F., Jimenez, R., et al., "H/He+ intensity variations of the cool corona", 2004IAUS..223..291N [ADS](#)
- Christopoulou, E. B., Skodras, A., Georgakilas, A. A., & Koutchmy, S., "Wavelet Analysis of Umbral Oscillations", 2003ApJ...591..416C [ADS](#)
- Georgakilas, A. A., Christopoulou, E. B., Skodras, A., & Koutchmy, S., "Chromospheric Evershed flow", 2003A&A...403.1123G [ADS](#)
- Vial, J.-C., Song, X., Lemaire, P., et al., "The solar high-resolution imager - coronagraph LYOT mission", 2003SPIE.4853..479V [ADS](#)
- Adjabshirizadeh, A. & Koutchmy, S., "Center-limb and shape-factor variations of facular elements", 2002ESASP.506..415A [ADS](#)
- Koutchmy, S. & Nikoghsian, A. G., "Coronal linear threads: W-L radiation of supra-thermal streams", 2002A&A...395..983K [ADS](#)
- Nikoghsian, A. G. & Koutchmy, S., "On Interpretation of the Radiation of Coronal Suprathermal Streams. II", 2002Ap.....45..489N [ADS](#)
- Filippov, B. & Koutchmy, S., "About the prominence heating mechanisms during its eruptive phase", 2002SoPh..208..283F [ADS](#)
- Koutchmy, S. & Nikoghsian, A., "Coronal Linear Supra-thermal Streams", 2002sf2a.conf..143K [ADS](#)
- Adjabshirizadeh, A. & Koutchmy, S., "The global August 11, 1999 eclipse corona and solar cycle variations", 2002ESASP.477..65A [ADS](#)
- Koutchmy, S., Baudin, F., Bocchialini, K., Delaboudinière, J. P., & Adjabshirizadeh, A., "The August 11th, 1999 total eclipse CME", 2002ESASP.477..55K [ADS](#)
- Nikoghsian, A. G. & Koutchmy, S., "Interpretation of the Radiation of Coronal Suprathermal Streams. I", 2001Ap.....44..528N [ADS](#)

- Koutchmy, S. L., Merzlyakov, V. L., & Molodenskii, M. M., “*The Three-Dimensional Structure of the Solar Corona*”, 2001ARep..45..834K ADS
- Georgakilas, A. A., Christopoulou, E. B., & Koutchmy, S., “*Multi-wavelength study of Network Bright Points near the limb**”, 2001SoPh..202..241G ADS
- Zachariadis, T. G., Dara, H. C., Alissandrakis, C. E., Koutchmy, S., & Gonikakis, C., “*Fine Structure of the Quiet Solar Chromosphere: Limb-Crossing Features*”, 2001SoPh..202..41Z ADS
- Christopoulou, E. B., Georgakilas, A. A., & Koutchmy, S., “*Oscillations and running waves observed in sunspots. III. Multilayer study*”, 2001A&A...375..617C ADS
- Georgakilas, A. A., Koutchmy, S., & Christopoulou, E. B., “*Polar surges and macrospicules. II. Dynamics of an eruptive event from off-limb observations*”, 2001A&A...370..273G ADS
- Christopoulou, E. B., Georgakilas, A. A., & Koutchmy, S., “*Fine Structure of the Magnetic Chromosphere: Near-Limb Imaging, Data Processing and Analysis of Spicules and Mottles*”, 2001SoPh..199..61C ADS
- Dara, H. C., Koutchmy, S., Zachariadis, T. G., & Alissandrakis, C. E., “*Brightness Variations of mg ib Bright Features*”, 2001SoPh..198..313D ADS
- Zhukov, A. N., Veselovsky, I. S., Koutchmy, S., & Llebaria, A., “*Helical Magnetic Structure of White Light Polar Plumes*”, 2001IAUS..203..434Z ADS
- Koutchmy, S., “*Coronal Streamers*”, in P. Murdin (Ed.), Encyclopedia of Astronomy and Astrophysics, 2271 2000eaa..bookE2271K ADS
- Georgakilas, A. A., Christopoulou, E. B., & Koutchmy, S., “*Oscillations and running waves observed in sunspots. II. Photospheric waves*”, 2000A&A...363..306G ADS
- Filippov, B. & Koutchmy, S., “*On the origin of the prolate solar chromosphere*”, 2000SoPh..196..311F ADS
- Livingston, W. & Koutchmy, S., “*Eclipse Science Results: Past and Present (Invited review)*”, 2000ASPC..205..3L ADS
- Vedenov, A. A., Koutvitsky, V. A., Koutchmy, S., Molodensky, M. M., & Oraevsky, V. N., “*On Stereophotos of Some Structures in the Solar Atmosphere*”, 2000ARep..44..112V ADS
- Christopoulou, E. B., Georgakilas, A. A., & Koutchmy, S., “*Oscillations and running waves observed in sunspots*”, 2000A&A...354..305C ADS
- Foukal, P., Solanki, S., Mariska, J., et al., “*Commission 12: Solar Radiation and Structure (Radiation et Structure Solaires)*”, 2000IAUTA..24..73F ADS
- Zhukov, A. N., Veselovsky, I. S., Koutchmy, S., & Delannée, C., “*Coronal plasmoid dynamics. II. The nonstationary fine structure*”, 2000A&A...353..786Z ADS
- Baudin, F. & Koutchmy, S., “*L'éclipse du 11 août 1999 et la couronne. Un premier bilan scientifique.*”, 1999LAstr.113..326B ADS
- Adjabshirizadeh, A., Baudin, F., Bocchialini, K., et al., “*Eclipse of August 11, 1999: White-light Images and Simultaneous EIT/SOHO Observations*”, 1999ESASP.448.1283A ADS
- Christopoulou, E. B., Georgakilas, A. A., & Koutchmy, S., “*Chromospheric Mass Motions Associated with an Emerging Flux Region*”, 1999ESASP.448..593C ADS
- Georgakilas, A. A., Koutchmy, S., & Christopoulou, E. B., “*Dynamics and Nature of Macrospicules*”, 1999ESASP.448..291G ADS
- Georgakilas, A. A., Christopoulou, E. B., & Koutchmy, S., “*Fine Structure of the Solar Chromosphere: Dynamics of Spicules and Fine Dark Mottles*”, 1999ESASP.448..285G ADS
- Georgakilas, A. A., Christopoulou, E. B., & Koutchmy, S., “*Multiwavelength Observations of Ellerman Bombs*”, 1999ESASP.448..279G ADS
- Christopoulou, E. B., Georgakilas, A. A., & Koutchmy, S., “*New Results about Running Penumbra Waves*”, 1999ESASP.448..245C ADS
- Zhukov, A., Koutchmy, S., Lamy, P., et al., “*Simultaneous LASCO/1998-Eclipse Observations Of A Large-Scale Polar Event*”, 1999ESASP.446..731Z ADS
- Veselovsky, I. S., Zhukov, A. N., Koutchmy, S., Delannée, C., & Delaboudinière, J. P., “*Helical Magnetic Structure Of EUV Polar Plumes*”, 1999ESASP.446..675V ADS
- Llebaria, A., Lamy, P., & Koutchmy, S., “*The Global Activity of the Solar Corona*”, 1999ESASP.446..441L ADS
- Koutchmy, S., di Folco, E., Auchere, F., et al., “*The Prolate Solar Chromosphere*”, 1999ESASP.446..385K ADS
- Baudin, F., Bocchialini, K., & Koutchmy, S., “*Propagating Magneto-Acoustic Waves in the Network*”, 1999ASPC..184..232B ADS
- Christopoulou, E. B., Georgakilas, A. A., & Koutchmy, S., “*Running Penumbral Waves in Sunspots*”, 1999ASPC..184..103C ADS
- Zachariadis, T. G., Georgakilas, A. A., Koutchmy, S., Dara, H. C., & Alissandrakis, C. E., “*Erratum: “Fine structure of the solar chromosphere: arch-shaped mottles” [Sol. Phys., Vol. 184, No. 1, p. 77 - 86 (Jan 1999)].*”, 1999SoPh..187..227Z ADS
- Patsourakos, S., Vial, J. C., Gabryl, J. R., Koutchmy, S., & Schühle, U., “*Coordinated observations between SOHO/SUMER and ground during the 1998 total eclipse: Non-thermal line broadenings and electron densities in a polar coronal hole*”, 1999AIPC..471..285P ADS
- Koutchmy, S., “*L'imagerie haute résolution. Pourquoi et comment?*”, 1999LAstr.113..116K ADS
- Koutchmy, S., “*Eclipse 99: l'imagerie haute résolution: pourquoi et comment?*”, 1999C&T..115..82K ADS
- Koutchmy, S. L., Molodensky, M. M., Matsuura, O. T., & Picazzio, E., “*Steady-state configuration of the heliospheric sheet*”, 1999AstL...25..258K ADS
- Koutchmy, S., “*Eclipse 99 – High Resolution Imaging: Why and how?*”, 1999CoSka..28..173K ADS
- Koutchmy, S., Matsuura, O., Molodensky, M. M., Picazzio, E., & Starkova, L. I., “*The plane of polarization of the solar corona during eclipse observations*”, 1999ARep..43..198K ADS
- , “*Total eclipses : science, observations, myths, and legends*”, 1999teso.conf.....G ADS
- Dara, H. C., Zachariadis, T., Alissandrakis, C., & Koutchmy, S., “*Mg bright points and the corresponding velocity pattern*”, 1999joso.proc..135D ADS
- Zachariadis, T. G., Georgakilas, A. A., Koutchmy, S., Alissandrakis, C. E., & Dara, H. C., “*Fine structure of the Solar Chromosphere: Arch-Shaped Mottles*”, 1999SoPh..184..77Z ADS
- Patsourakos, S., Vial, J. C., Gabryl, J. R., Koutchmy, S., & Schühle, U., “*Outflow Velocities at the Base of a Polar Coronal Hole During the 1998 Total Eclipse*”, 1999SSRv..87..291P ADS
- Veselovsky, I. S., Zhukov, A. N., Panassenko, O. A., & Koutchmy, S., “*Large-Scale Polar Coronal Magnetic Field Model and the Expected August 11, 1999 Eclipse Corona*”, 1999RoAJ....9S..29V ADS
- Georgakilas, A. A., Koutchmy, S., & Alissandrakis, C. E., “*Polar surges and macrospicules: simultaneous Hα and He BT II 304 Angstroms observations*”, 1999A&A...341..610G ADS
- Hassler, D. M., Slater, D. C., Smartt, R. N., & Koutchmy, S. L., “*SOPHIE: a solar EUV multilayer reflecting coronagraph*”, 1998SPIE.3443..61H ADS
- Koutchmy, S., “*High Resolution Analysis of the Eclipse Solar Corona*”, 1998jena.conf...13K ADS
- Smartt, R. N. & Koutchmy, S. L., “*Advances in ground-based and space-based reflecting coronograph designs*”, 1998SPIE.3352..614S ADS
- Auchere, F., Boulade, S., Koutchmy, S., et al., “*The prolate solar chromosphere*”, 1998A&A...336L..57A ADS
- Lorrain, P. & Koutchmy, S., “*Chromospheric heating by electric currents induced by fluctuating magnetic elements*”, 1998SoPh..178..39L ADS
- Zachariadis, T. G., Georgakilas, A. A., Dara, H. C., Alissandrakis, C. E., & Koutchmy, S., “*Kinematics of Hα spicules from near-limb observations*”, 1998joso.proc..126Z ADS
- Dara, H. C., Georgakilas, A., Zachariadis, T., Alissandrakis, C., & Koutchmy, S., “*Flashing MgII bright points.*”, 1998joso.proc..124D ADS
- Veselovsky, I. S., Panassenko, O. A., & Koutchmy, S., “*Solar plume formation in the solar corona*”, 1998ESASP.421..345V ADS
- Starkova, L., Molodensky, M., Kovutsky, V., & Koutchmy, S., “*Corona of the polar regions*”, 1998ESASP.421..317S ADS
- Loucif, M. L., Ben Jaffel, L., Koutchmy, S., & Vial, J. C., “*Coronal jet turbulent activity to explain distorted emission line*”, 1998ESASP.421..303L ADS
- Loucif, M. L., Koutchmy, S., Stellmacher, G., et al., “*About polar ejection events and surges*”, 1998ESASP.421..299L ADS
- Dara, H. C., Koutchmy, S., & Suematsu, Y., “*Properties of Hα spicules from disk and limb high-resolution observations*”, 1998ESASP.421..255D ADS
- Auchère, F., Delaboudinière, J. P., Koutchmy, S., & Boulade, S., “*The polar extension of the solar chromosphere*”, 1998ESASP.421..245A ADS
- Delanee, C., Koutchmy, S., Delaboudiniere, J. P., et al., “*Polar jets and plasmoids:Results from JOP 57*”, 1998ESASP.421..129D ADS
- Llebaria, A., Lamy, P., Deforest, C., & Koutchmy, S., “*Time domain analysis of polar plumes observed with LASCO-C2 and EIT*”, 1998ESASP.421..87L ADS
- Koutchmy, S. & Bocchialini, K., “*White-light polar plumes from solar eclipses*”, 1998ESASP.421..51K ADS
- Koutchmy, S., Martens, P., & Shibata, K., “*Foreword*”, 1998ESASP.421..14K ADS
- Bothmer, V., Bougeret, J. L., Cargill, P., et al., “*European Plans for the Solar/Heliospheric Stereo Mission*”, 1998ESASP.417..145B ADS
- Vial, J. C., Koutchmy, S., & Habbal, S. R., “*Cor-I: a coronal white-light imager for a solar probe*”, 1998AdSpR..21..291V ADS
- Koutchmy, S., Hara, H., Shibata, K., Suematsu, Y., & Reardon, K., “*SXR Coronal Polar Jets and Recurrent Flashes*”, 1998ASSL..229..87K ADS
- Georgakilas, A. A., Dara, H., Zachariadis, T., et al., “*Spicules and Macrospicules: Simultaneous Hα and He II (304 Å) Observations*”, 1998ASPC..155..376G ADS

- Delanee, C., Koutchmy, S., Zhukov, A., & Veselovsky, I., "Coronal Plasmoid Dynamics", 1998ASPC..150..388D [ADS](#)
- Baudin, F., Bocchialini, K., Delanee, C., et al., "Wave Activity and Prominence Eruption", 1998ASPC..150..314B [ADS](#)
- Koutchmy, S., Molodensky, M., & Vibert, D., "A Model of Plasma Sheets in Equilibrium", 1998ASPC..150..127K [ADS](#)
- Delanee, C., Koutchmy, S., Veselovsky, I. S., & Zhukov, A. N., "Coronal plasmoid dynamics. I. Dissipative MHD approach", 1998A&A...329.1111D [ADS](#)
- Baudin, F. & Koutchmy, S., "La mission SoHO vers un nouveau Soleil?", 1997LAdS..111..286B [ADS](#)
- Koutchmy, S., Molodenskii, M. M., Starkova, L. I., et al., "The heliospheric layer and the coronal structure on November 3, 1994", 1997AstL..23..818K [ADS](#)
- Baudin, F., Molowny-Horas, R., & Koutchmy, S., "Granulation and magnetism in the solar atmosphere.", 1997A&A...326..842B [ADS](#)
- Georgakilas, A. A., Dara, H., Zachariadis, T., Alissandrakis, C. E., & Koutchmy, S., "Fine Structure of the solar atmosphere from near-limb observations in three wavelengths", 1997SoPh..172..133G [ADS](#)
- Koutchmy, S., Hara, H., Suematsu, Y., & Reardon, K., "SXR Coronal Flashes.", 1997A&A...320L..33K [ADS](#)
- Koutchmy, S., "Mais où est passé le nouveau cycle d'activité solaire?", 1997LAdS..111..4K [ADS](#)
- Lamy, P., Liebaria, A., Koutchmy, S., et al., "Characterisation of Polar Plumes from LASCO-C2 Images in Early 1996", 1997ESASP..404..487L [ADS](#)
- Delannée, C., Koutchmy, S., Delaboudiniè, J. P., et al., "Polar Jets and Plasmoids: Preliminary Results from JOP 57", 1997ESASP..404..327D [ADS](#)
- Boulade, S., Delanné, C., Koutchmy, S., et al., "Analysis of a High Latitude Slow CME with Travelling Ejecta", 1997ESASP..404..217B [ADS](#)
- Koutchmy, S., "Coronal physics inferred from the analysis of fine structures.", 1997ASIC..494..39K [ADS](#)
- Belenko, I. A., Bougaenko, O. I., Kim, I. S., et al., "Degree polarization distribution in the solar corona of 03 November 1994.", 1997ASIC..494..15B [ADS](#)
- Alexeeva, I. V., Kim, I. S., Matsuura, O. T., Picazzio, E., & Koutchmy, S., "Distribution on halfwidths for the green coronal line (5303 Å)", 1997ASIC..494..7A [ADS](#)
- Bocchialini, K. & Koutchmy, S., "High frequency magneto-acoustic waves in the chromosphere", 1997AIPC..385..153B [ADS](#)
- Koutchmy, S. & Bocchialini, K., "Eclipse WL polar plumes: what is the connection with the disk activity?", 1997AIPC..385..137K [ADS](#)
- Grib, S. A., Koutchmy, S., & Sazonova, V. N., "MHD Shock Interactions in Coronal Structures", 1996SoPh..169..151G [ADS](#)
- Koutchmy, S., Molodenskii, M. M., Starkova, L. I., Kutvitskii, V. A., & Ershov, A. V., "The polarization and 3-D structure of the corona on 11.3.94", 1996R&QE..39..921K [ADS](#)
- Molodenskii, M. M., Starkova, L. I., Koutchmy, S., & Ershov, A. V., "The three-dimensional structure of the corona on November 3, 1994", 1996ARep..40..848M [ADS](#)
- Baudin, F., Bocchialini, K., & Koutchmy, S., "Propagating magneto-acoustic waves in the solar chromosphere.", 1996A&A...314L..9B [ADS](#)
- November, L. J. & Koutchmy, S., "White-Light Coronal Dark Threads and Density Fine Structure", 1996ApJ...466..512N [ADS](#)
- Lorrain, P. & Koutchmy, S., "Two Dynamical Models for Solar Spicules", 1996SoPh..165..115L [ADS](#)
- Baudin, F. & Koutchmy, S., "L'ère SoHO a commencé.", 1996JAF....53..10B [ADS](#)
- Lamy, P. & Koutchmy, S., "A coronal optical imager for a solar probe", 1996AdSpR..17c..95L [ADS](#)
- Delanee, C. & Koutchmy, S., "A coronal plasmoid crossing a magnetic structure.", 1996CRASB..322..79D [ADS](#)
- Molodensky, M. M., Starkova, L. I., Koutchmy, S. L., & Ershov, A. V., "3-D Structure of Heliospheric Current Sheet Deduced from Eclipse Observations", 1996ASPC...95..385M [ADS](#)
- Koutchmy, S., Ershov, A. V., & Molodenskii, M. M., "On the three-dimensional structure of the solar corona", 1996ARep..40..109K [ADS](#)
- Koutchmy, S., "1995: une éclipse en Indochine.", 1995LAdS..109..340K [ADS](#)
- Grib, S. A., Koutchmy, S., & Sazonova, V. N., "Nonlinear MHD interactions in some solar coronal structures", 1995sowi.conf..60G [ADS](#)
- Bocchialini, K. & Koutchmy, S., "Chromospheric Oscillations from Simultaneous Sequences of HEL 1083 and Call K 393.4 Spectroscopic Measurements", 1995ESASP..376b..499B [ADS](#)
- Koutchmy, S. & Veselovsky, I. S., "The Space-Time Structure of the Upper Solar Atmosphere", 1995ESASP..376b..475K [ADS](#)
- Koutchmy, S. & Zimmermann, J. P., "L'éclipse totale de Soleil du 3 novembre 1994 sur les Andes chiliennes.", 1995LAdS..109..110K [ADS](#)
- Koutchmy, S., Molodensky, M., Starkova, L., Ershov, A., & Matsuura, O., "On the 3-D Structure of the November 3, 1994 Eclipse Corona", 1995pist.conf..60K [ADS](#)
- Bocchialini, K., Baudin, F., & Koutchmy, S., "Wave Properties of the Chromosphere in He I 1083 nm and CA II K", 1995itsa.conf..423B [ADS](#)
- Neidig, D. F., Smartt, R. N., Kim, I. S., & Koutchmy, S., "Near-Infrared Coronagraphic Detection of Space Debris", 1995itsa.conf..253N [ADS](#)
- Niot, J. M., Noëns, J. C., Romeuf, D., & Koutchmy, S., "Detection of a Dual Disparition Brusque" at Pic-Du-Midi", 1995itsa.conf..247N [ADS](#)
- Kim, I. S., Bougaenko, O. I., Brouevitch, V. V., et al., "Mirror Coronagraphic Device and Its Application", 1995itsa.conf..239K [ADS](#)
- Smartt, R. N. & Koutchmy, S., "Reflecting Coronagraphs: Prospects", 1995itsa.conf..163S [ADS](#)
- November, L. J. & Koutchmy, S., "White-Light Coronal Fine Structure", 1995itsa.conf..37N [ADS](#)
- Koutchmy, S., "Advanced Coronagraphy", 1995itsa.conf....1K [ADS](#)
- Koutchmy, S., "Special Session - Waves on the Extended Transition-region and Loops", 1995ESASP..376a..233K [ADS](#)
- Koutchmy, S. L., Koutchmy, O. K., Kutvitskij, V. A., Molodenskij, M. M., & Solovev, L. S., "Equilibrium and stability of axially symmetrical plasma configurations in the Sun's atmosphere.", 1995BRASP..59.1570K [ADS](#)
- Airapetian, V. S. & Koutchmy, S., "Fast coronal transient (CME) with twisted legs", 1994ESASP..373..195A [ADS](#)
- Koutchmy, S., Bouchard, O., Grib, S., et al., "About small plasmoids propagating in the solar corona", 1994ESASP..373..139K [ADS](#)
- Koutchmy, S. & Noëns, J. C., "Pic du Midi observations of dual 'disparition brusque'", 1994ESASP..373..91K [ADS](#)
- November, L. J. & Koutchmy, S., "White-Light Coronal Fine Structure", 1994AAS..185.9204N [ADS](#)
- Koutchmy, S., Molodenskii, M. M., & Vial, J. C., "On the three-dimensional structure of coronal rays", 1994ARep...38..822K [ADS](#)
- Koutchmy, S., Koutvitsky, V. A., Molodensky, M. M., Solov'iev, L. S., & Koutchmy, O., "Magnetic configuration of coronal streamers and threads", 1994SSRv...70..283K [ADS](#)
- Bocchialini, S., Vial, J. C., & Koutchmy, S., "The Chromospheric network dynamics as derived from the analysis of CA II K and He I 1083 NM lines", 1994SSRv...70..57B [ADS](#)
- Veselovsky, I. S., Triskova, L., & Koutchmy, S., "On the Visible Shape of the Cold Plasma Jets in the Solar Chromosphere", 1994SoPh..153..237V [ADS](#)
- Vial, J. C., Koutchmy, S., & Smartt, R. N., "Moon-based UV reflecting coronagraph", 1994AdSpR..14f..43V [ADS](#)
- Koutchmy, S., Kutvitskij, V. A., Molodenskij, M. M., & Solov'ev, L. S., "Magnetic configurations of ray structures of the solar corona", 1994ARep...38..417K [ADS](#)
- Koutchmy, S., "Coronal physics from eclipse observations", 1994AdSpR..14d..29K [ADS](#)
- Bocchialini, K., Vial, J.-C., & Koutchmy, S., "Dynamical Properties of the Chromosphere In and Out of the Solar Magnetic Network", 1994ApJ...423L..67B [ADS](#)
- Molodensky, M. M., Starkova, L., & Koutchmy, S., "A Method to Obtain Stereo-Diagrams of the Solar Disc", 1994scs..conf..605M [ADS](#)
- Filippov, B. P., Molodensky, M. M., & Koutchmy, S., "On the Optical Polarization of the White-Light Coronal Structures", 1994scs..conf..601F [ADS](#)
- Bouchard, O., Koutchmy, S., November, L., Vial, J. C., & Zirker, J. B., "Very High Resolution Analysis of the Dynamics of a Coronal Plasmoid", 1994scs..conf..593B [ADS](#)
- Koutchmy, S., Molodensky, M. M., & Vial, J. C., "On the 3D Solar Corona Structure", 1994scs..conf..585K [ADS](#)
- Bocchialini, K., Vial, J. C., & Koutchmy, S., "Wave Properties in the Upper Chromosphere and at the Base of the Corona", 1994scs..conf..123B [ADS](#)
- Koutchmy, S., Molodensky, M. M., Koutvitsky, V., & Solov'ev, L. S., "Magnetic Structures of the Intermediate Corona", 1994scs..conf..55K [ADS](#)
- Koutchmy, S., "Solar eclipses.", in The Observer's Guide to Astronomy, Vol. 1, 81–106 1994oga..book..81K [ADS](#)
- Bocchialini, K., Koutchmy, S., Vial, J. C., & Zirker, J. B., "Analysis of the Chromospheric Proxies of Coronal Bright Points - Preliminary Results", 1994emsp.conf..173B [ADS](#)
- Koutchmy, S. & Stellmacher, G., "Chromospheric Faculae as Filaments Feet?", 1994emsp.conf..91K [ADS](#)
- Dara, H. C., Koutchmy, S., & Alissandrakis, C. E., "The Magnetic Field of a Bipolar Sunspot Region in the Photosphere and the Chromosphere", 1994emsp.conf..61D [ADS](#)
- Koutchmy, S. & Molodensky, M., "Magnetic structures of the intermediate corona", in G. Belvedere, M. Rodono, and G. M. Simnett (Eds.), Advances in Solar Physics, Vol. 432, 167–172 1994LNP...432..167K [ADS](#)

- Smartt, R. N., Koutchmy, S., & Noens, J. C., "Near-IR Solar Coronal Observations with New-Technology Reflecting Coronagraphis", 1994IAUS..154..603S [ADS](#)
- Darvann, T. A. & Koutchmy, S., "The IR Contrast of Magnetic Elements Obtained from High Spatial Resolution Observations at 1.6 MU M", 1994IAUS..154..483D [ADS](#)
- Kotov, V. A. & Koutchmy, S., "On Sunspot and Facular Contrast Variations Near 2 MU M and 4 MU M", 1994IAUS..154..265K [ADS](#)
- Koutchmy, S., "The Infrared Granulation - Observations", 1994IAUS..154..239K [ADS](#)
- Kuhn, J. R., Lin, H., Lamy, P., Koutchmy, S., & Smartt, R. N., "IR Observations of the K and F Corona During the 1991 Eclipse", 1994IAUS..154..185K [ADS](#)
- Koutchmy, S., Molodenskii, M. M., & Vial, J. C., "on the Three-Dimensional Structure of Coronal Rays", 1994AZh....71..925K [ADS](#)
- Bocchialini, K., Vial, J. C., Koutchmy, S., & Zirker, J. B., "Analysis of Chromospheric Proxies of Coronal Bright Points", 1994ASPC...68..389B [ADS](#)
- Koutchmy, S., Belmahdi, M., Coulter, R. L., et al., "CFHT eclipse observation of the very fine-scale solar corona", 1994A&A...281..249K [ADS](#)
- Koutchmy, S. & Restaino, S., "Toward High-Spatial Resolution IR Solar Observations", 1993rtpf.conf..171K [ADS](#)
- Koutchmy, S., Bouchard, O., Mouette, J., & Koutchmy, O., "The Finest White-Light Coronal Features", 1993rtpf.conf..147K [ADS](#)
- Koutchmy, S., Bouchard, O., Mouette, J., & Koutchmy, O., "The Finest White-Light Coronal Features", 1993SoPh..148..169K [ADS](#)
- Dara, H. C., Koutchmy, S., & Alissandrakis, C. E., "Photospheric and chromospheric magnetic field structure of a bipolar sunspot region", 1993A&A...277..648D [ADS](#)
- Koutchmy, S., Molodenskii, M. M., Nikol'skii, G. M., & Filippov, B. P., "Measuring the polarization of the solar corona", 1993ARep..37..286K [ADS](#)
- Lorrain, P. & Koutchmy, S., "Photospheric electric currents in solar magnetic elements", 1993A&A...269..518L [ADS](#)
- Koutchmy, S. & Restaino, S. R., "Toward High Spatial Resolution Infrared Solar Observations", 1992SoPh..142..359K [ADS](#)
- Koutchmy, S. & Molodenskii, M. M., "Three-dimensional image of the solar corona from white-light observations of the 1991 eclipse", 1992Natur.360..717K [ADS](#)
- Koutchmy, S.: 1992a, Photoelectric analysis of the solar granulation in IR 1992STIN...9318334K [ADS](#)
- Koutchmy, S., "Streamer eclipse observations.", 1992ESASP.348..73K [ADS](#)
- Koutchmy, S., Altrock, R. C., Darvann, T. A., et al., "Coronal photometry and analysis of the eclipse corona of July 22, 1990", 1992A&S...96..169K [ADS](#)
- Lamy, P., Kuhn, J. R., Lin, H., Koutchmy, S., & Smartt, R. N., "No Evidence of a Circumsolar Dust Ring from Infrared Observations of the 1991 Solar Eclipse", 1992Sci...257.1377L [ADS](#)
- Koutchmy, S. & Livshits, M., "Coronal Streamers", 1992SSRv...61..393K [ADS](#)
- Vial, J. C., Koutchmy, S., Monnet, G., et al., "Evidence of plasmoid ejection in the corona from 1991 eclipse observations with the Canada-France-Hawaii telescope", 1992ESASP.344..87V [ADS](#)
- Zirker, J. B., Koutchmy, S., Nitschelm, C., et al., "Structural changes in the solar corona during the July 1991 eclipse", 1992A&A...258L..1Z [ADS](#)
- Koutchmy, S., "Eclipse Totale de Soleil du 11 Juillet 1991", 1992BCFHT..26..2K [ADS](#)
- Dzyubenko, N. I., Kurochka, L. N., Rubo, G. A., et al., "The solar corona of July 11, 1991. Observations in Brazil (MICE).", 1992ATsir1552..21D [ADS](#)
- Smartt, R. N. & Koutchmy, S., "Development of Reflecting Coronagraphs", 1992ASPC...26..660S [ADS](#)
- Dzyubenko, N. I., Ivanchuk, V. I., Rubo, G. A., & Koutchmy, S., "Observations of the solar corona on July 22, 1990. The structure and the identification.", 1991BSoID..11..98D [ADS](#)
- Koutchmy, S., "Observations of total solar eclipses in the stratosphere.", 1991ZemVs...5..33K [ADS](#)
- Keller, C. U. & Koutchmy, S., "Multicolor Continuum Analysis of the Solar Granulation in Quiet and Active Regions", 1991ApJ...379..751K [ADS](#)
- Alissandrakis, C. E., Dara, H. C., & Koutchmy, S., "Study of small scale magnetic flux and the corresponding velocity pattern", 1991A&A...249..533A [ADS](#)
- Zirker, J. B., Koutchmy, S., Coulter, R. L., November, L. J., & Smartt, R. N., "Eclipse Plans for NSO/SP", 1991BAAS...23.1063Z [ADS](#)
- Koutchmy, S., Zirker, J. B., Darvann, T., et al., "High spatial resolution V-Stokes polarimetry to measure the Zeeman effect in flux tubes and prominence filament threads.", 1991sopo.work..263K [ADS](#)
- Dara, H. C., Alissandrakis, C. E., & Koutchmy, S., "Small scale magnetic field mapping with high temporal resolution.", 1991sopo.work..257D [ADS](#)
- Koutchmy, S., "High spatial resolution observations of magnetic flux elements.", 1991sopo.work..237K [ADS](#)
- Koutchmy, S., Zirker, J. B., Steinolfson, R. S., & Zhugzhda, I. D., "Coronal activity.", in Solar Interior and Atmosphere, 1044–1086 1991sia..book.1044K [ADS](#)
- Koutchmy, S. & Loucif, M. L., "Properties of Impulsive Events in a Polar Coronal Hole (With 6 Figures)", 1991mcch.conf..152K [ADS](#)
- Zirker, J. B. & Koutchmy, S., "Prominence Fine Structure - Part Two - Diagnostics", 1991SoPh..131..107Z [ADS](#)
- Lamy, P. L., Llebaria, A., Maucherat, A., Koutchmy, S., & Giovane, F., "Future Observations of the F-Corona with the LASCO Coronagraph Space Experiment", 1991ASSL..173..191L [ADS](#)
- Koutchmy, S., "L'Observatoire Solaire de Sacramento Peak", 1990LAstr.104..395K [ADS](#)
- Koutchmy, S., "Observation de la couronne dans la stratosphère.", 1990LAstr.104..385K [ADS](#)
- Dara, H. C., Alissandrakis, C. E., & Koutchmy, S., "Erratum: Velocity Pattern of Small Scale Magnetic Fields", 1990SoPh..128..431D [ADS](#)
- Smartt, R. N., Koutchmy, S. L., Colley, S. A., et al., "New technology mirror coronagraph with extended applications", 1990SPIE.1236..206S [ADS](#)
- Koutchmy, S., Colley, S., Smartt, R., Nitschelm, C., & Zimmermann, J. P., "Real-time image processing and data handling for ground-based and space-borne coronal observations", 1990SPIE.1235..849K [ADS](#)
- Smartt, R. N., Koutchmy, S., & Vial, J. C., "UV solar reflecting coronagraph", 1990AIPC..207..578S [ADS](#)
- Kim, I. S., Klepikov, V. Y., Koutchmy, S., Stepanov, A. I., & Stellmacher, G., "The magnetic-field polarity of quiescent prominences", 1990PAZh...16..545K [ADS](#)
- Kim, I. S., Klepikov, V. Y., Koutchmy, S., Stepanov, A. I., & Stellmacher, G., "Magnetic Field Polarity of Quiescent Prominences", 1990SoVAL..16..234K [ADS](#)
- Zirker, J. B. & Koutchmy, S., "Prominence Fine Structure", 1990SoPh..127..109Z [ADS](#)
- Dara, H. C., Alissandrakis, C. E., & Koutchmy, S., "Velocity pattern of small scale magnetic fields", 1990SoPh..126..403D [ADS](#)
- Koutchmy, S., Stauffer, F., Zirker, J., et al., "Video Magnetograms with Sub-Arcsecond Resolution", 1990BAAS...22..880K [ADS](#)
- Koutchmy, S. & Vial, J., "Le Soleil 24 Heures Sur 24", 1990Rech..217..10K [ADS](#)
- Koutchmy, S. & Vial, J. C., "Coming: 24 hour surveillance of the sun.", 1990Rech..21..10K [ADS](#)
- Darvann, T. A., Koutchmy, S., & Zirker, J. B., "An Automated Procedure for Measurement of Prominence Transverse Velocities", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 267 1990LNP...363..267D [ADS](#)
- Zirker, J. B. & Koutchmy, S., "High Resolution Observations of Motions and Structure of Prominence Threads", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 244 1990LNP...363..244Z [ADS](#)
- Koutchmy, S. & Zirker, J. B., "Estimation of the line of sight amplitude of the magnetic field on threads of an active region prominence", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 242 1990LNP...363..242K [ADS](#)
- Koutchmy, S., Zirker, J., Gilliam, L. B., et al., "A movie of small-scale Doppler velocities in a quiescent prominence", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 240 1990LNP...363..240K [ADS](#)
- Darvann, T. A., Koutchmy, S., Stauffer, F., & Zirker, J. B., "High Resolution Analysis of Quiescent Prominences at National Solar Observatory / Sacramento Peak Observatory", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 239 1990LNP...363..239D [ADS](#)
- Zirker, J. B. & Koutchmy, S., "On the Spatial Distribution of Prominence Threads", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 237 1990LNP...363..237Z [ADS](#)
- Dara, H. C., Alissandrakis, C. E., & Koutchmy, S., "Small Scale Motions Over Concentrated Magnetic Field Regions of the Quiet Sun", 1990IAUS..138..153D [ADS](#)
- Koutchmy, S., "Analysis of the Solar Granulation in the Opacity Minimum Region", 1990IAUS..138..81K [ADS](#)
- Lamy, P. L., Malburet, P., Llebaria, A., & Koutchmy, S., "Comet P/Halley at a heliocentric preperihelion distance of 2.6 AU - Jet activity and properties of the dust coma", 1989A&A...222..316L [ADS](#)
- Koutchmy, S. & Smartt, R. N., "High resolution observations of the solar corona: why and how?", 1989hsrs.conf..560K [ADS](#)
- Keller, C. U. & Koutchmy, S., "High resolution photographic Stokes polarimetry of small scale magnetic flux (poster)", 1989hsrs.conf..443K [ADS](#)

- Koutchmy, O. & Koutchmy, S., "Optimum filter and frame integration application to granulation pictures", 1989hsrs.conf..217K [ADS](#)
- Kim, I. S., Klepikov, V. Y., Koutchmy, S., Stepanov, A. I., & Stellmacher, G., "Magnetic fields of solar prominences: strength and latitude distribution.", 1989BSolD..11..98K [ADS](#)
- Smartt, R. N., Koutchmy, S., & Schwenn, R., "Ground-Based Mirror Coronagraph: First Results", 1989BAAS...21..848S [ADS](#)
- Avrett, E. H. & Koutchmy, S., "New Observations and Analysis of the Helium D3 Shell above the Limb", 1989BAAS...21..828A [ADS](#)
- Smartt, R. N., Koutchmy, O., Koutchmy, S., Nitschelm, C., & Sykora, J.: 1989, *Image processing of coronal pictures* 1989STIN...8924252S [ADS](#)
- Darvann, T. A., Koutchmy, S., & Zirker, J. B., "An Automated Procedure for Measurement of Prominence Transverse Velocities", 1989HvaOB..13..243D [ADS](#)
- Zirker, J. B. & Koutchmy, S., "On the Spatial Distribution of Prominence Threads", 1989HvaOB..13..41Z [ADS](#)
- Zirker, J. B. & Koutchmy, S., "Prominence fine structure.", 1989BAAS...21.1027Z [ADS](#)
- Koutchmy, S., "Photoelectric Analysis of the Solar Granulation in the Infrared", 1989ASIC..263..347K [ADS](#)
- Koutchmy, S., "Granulation In and Out of Magnetic Regions", 1989ASIC..263..253K [ADS](#)
- Loucif, M. L. & Koutchmy, S., "Solar cycle variations of coronal structures", 1989A&AS...77..45L [ADS](#)
- Kim, I. S., Klepikov, V. Y., Koutchmy, S., Stepanov, A. I., & Stellmacher, G., "On variation of prominence heights with the solar cycle.", 1988BSolD..5..77K [ADS](#)
- Koutchmy, S. & Nitschelm, C., "Optical Detection of Space Debris Using a Large Achromatic Coronograph", 1988Ap&SS.143..45K [ADS](#)
- Koutchmy, S., "Space-borne coronagraphy", 1988SSRv...47..95K [ADS](#)
- Smartt, R. N., Colley, S. A., Gilliam, L. B., Koutchmy, S., & Zirker, J. B., "Spectroscopic Coronal Observations Using A High-Sensitivity Camera", 1988BAAS...20..704S [ADS](#)
- Makarov, V. I., Makarova, V. V., Koutchmy, S., & Sivaraman, K. R., "Solar cycle variations of coronal neutral lines and polar regions activity.", 1988sscd.conf..362M [ADS](#)
- Koutchmy, O., Koutchmy, S., Nitschelm, C., Sykora, J., & Smartt, R. N., "Image processing of coronal pictures.", 1988sscd.conf..256K [ADS](#)
- Koutchmy, S. L., "Small scale coronal structures.", 1988sscd.conf..208K [ADS](#)
- Caron, R., Koutchmy, S., & Sarrazin, M., "A Study of Disconnection Velocities in the Plasma Tail of P/Halley", 1988scaa.conf..158C [ADS](#)
- Lamy, P., Koutchmy, S., Bücher, A., & Robley, R., "Etude de la dynamique du nuage zodiacal par la mesure du décalage Doppler", 1988jopl.conf..227L [ADS](#)
- Lamy, P., Perrin, J. M., Koutchmy, S., et al., "Observations et propriétés des poussières de la comète de Halley.", 1988jopl.conf..211L [ADS](#)
- Kim, I. S., Klepikov, V. Y., Koutchmy, S., Stepanov, A. I., & Stellmacher, G., "On the distribution of prominence heights.", 1988BSolD1988..75K [ADS](#)
- Smartt, R. N., Koutchmy, S., & Zirker, J. P., "High Spatial Resolution Coronal Physics: The Need for Larger Coronagraphs", 1987BAAS...19Q1122S [ADS](#)
- Caron, R., Koutchmy, S., & Sarrazin, M., "Des observations à grand champ et en couleur", 1987LAstr.101..255C [ADS](#)
- Louisbergerand, S., Bucher, A., Koutchmy, S., & Lamy, P., "Night sky optical spectrum from a high altitude observatory.", 1987A&AS...68..539L [ADS](#)
- Dara, H. C., Alissandrakis, C. E., & Koutchmy, S., "Small-scale motions over concentrated magnetic regions of the quiet Sun", 1987SoPh..109..19D [ADS](#)
- Kim, I., Koutchmy, S., Stellmacher, G., & Stepanow, A. I., "Some Statistical Properties of the Magnetic Field in Prominences", 1987rfsm.conf..289K [ADS](#)
- Koutchmy, S. & Stellmacher, G., "Properties of a Concentrated Magnetic Field Region", 1987rfsm.conf..103K [ADS](#)
- Koutchmy, S., "Micrométéorites et débris orbitaux.", 1987LAstr.101..426K [ADS](#)
- Koutchmy, S. & Belmahdi, M., "Improved measurements of scattered light level behind occulting systems.", 1987JOpt..18..265K [ADS](#)
- Koutchmy, S., "L'observation des filigrées.", 1987JAF....29..14K [ADS](#)
- Caron, R., Guerin, P., Koutchmy, S., Sarrazin, M., & Zimmermann, J. P., "The Disconnection Events of January 10 and April 8 1986 IN the Plasma Tail of Comet Halley", 1986ESASP.250c.143C [ADS](#)
- Koutchmy, S., Lamy, P., Loucif, M., & Malburet, P., "Ground-Based Large-Scale Monochromatic Images of Comet Halley during the Giotto Flyby", 1986ESASP.250c..79K [ADS](#)
- Dossin, F., Guerin, P., Koutchmy, S., Lamy, P., & Malburet, P., "Early resolved structures in the coma of Comet Halley", 1986ESASP.250b.173D [ADS](#)
- Koutchmy, S. & Sarrazin, M., "L'observation des contacts d'une éclipse et son intérêt.", 1986LAstr.100..525K [ADS](#)
- Koutchmy, S., "Étude de la structure de la couronne solaire grâce aux éclipses totales.", 1986LAstr.100..499K [ADS](#)
- Koutchmy, S. & Lebecq, C., "The solar granulation. II - Photographic and photoelectric analysis of photospheric intensity fluctuations at the meso-granulation scale", 1986A&A...169..323K [ADS](#)
- Guerin, P., Koutchmy, S., & Vial, J. C., "Dynamical properties of a pre-perihelion comet tail. I. December 6, 1985 observations of P/Halley 82i.", 1986A&A...167..395G [ADS](#)
- Stellmacher, G., Koutchmy, S., & Lebecq, C., "The 1981 total solar eclipse. III - Photometric study of the prominence remnant in the reversing south polar field", 1986A&A...162..307S [ADS](#)
- Guerin, P. & Koutchmy, S., "A kinematic analysis of the disconnection of the plasma tail of comet P/Halley, January 10, 1986.", 1986CRASB.303..147G [ADS](#)
- Koutchmy, S., Loucif, M., & Koutchmy, O., "Relations Between Large Scale Coronal Structure, Chromospheric Filaments and the Solar Cycle", 1986stp..conf...67K [ADS](#)
- Koutchmy, S., "Les éclipses totales solaires.", 1986LAstr.100..497K [ADS](#)
- Ney, E. P., Knutson, A. G., Wootten, A., et al., "Periodic Comet Halley (1982i)", 1986IAUC.4161..1N [ADS](#)
- Nikolskii, G. M., Kim, I. S., Koutchmy, S., Stepanov, A. I., & Stellmacher, G., "Measurement of Magnetic Fields in Solar Prominences", 1985SvA....29..669N [ADS](#)
- Jewitt, D., Meech, K., Ricker, G., et al., "Periodic Comet Halley (1982i)", 1985IAUC.4148..1J [ADS](#)
- Nikolskij, G. M., Kim, I. S., Koutchmy, S., & Stepanov, A. I., "Measurement of magnetic fields in solar prominences", 1985AZh....62.1147N [ADS](#)
- Lebecq, C., Koutchmy, S., & Stellmacher, G., "The 1981 total solar eclipse corona. II. Global absolute photometric analysis.", 1985A&A...152..157L [ADS](#)
- Koutchmy, S., Lecacheux, J., & Dossin, F., "Periodic Comet Halley (1982i)", 1985IAUC.4112..2K [ADS](#)
- de Charentenay, C. & Koutchmy, S., "Solar constant variabilities.", 1985CRASB.301..151D [ADS](#)
- Dara-Papamargariti, H. & Koutchmy, S., "Magnetic and Velocity Field Analysis of a Quiet Region near the Center of the Sun", in R. Muller (Ed.), High Resolution in Solar Physics, Vol. 223, 231 1985LNP...233..231D [ADS](#)
- Koutchmy, S., Kononovich, E. V., Ryzhikova, N. N., Kotov, V. A., & Tsap, T. T., "Global oscillations of the sun according to observations of (relative) fluctuations of photospheric brightness in the near infrared", 1985IzKry..73..26K [ADS](#)
- Kotov, V. A. & Koutchmy, S., "On a possible relation of the law of planetary distances to the 160-minute pulsation of the sun.", 1985IzKry..72..199K [ADS](#)
- Makarov, V. I., Makarova, V. V., & Koutchmy, S., "Polar faculae and duration of the solar cycle.", 1985BSolD1985..53M [ADS](#)
- Makarov, V. I., Makarova, V. V., & Koutchmy, S., "Facular and Duration of the Solar Cycle", 1985BSolD...8..53M [ADS](#)
- Kotov, V. A., Koutchmy, S., Kononovich, E. V., Ryzhikova, N. N., & Tsap, T. T., "Global solar oscillations observed from relative near-IR photospheric brightness fluctuations.", 1985BCrAO..73..24K [ADS](#)
- Kotov, V. A. & Koutchmy, S., "A possible relation between planetary distances and the 160-minute solar pulsation.", 1985BCrAO..72..171K [ADS](#)
- Kotov, V. A. & Koutchmy, S., "The 160-min period in the solar system: solar pulsation and the spin rates of planets and asteroids", 1985BCrAO..70..37K [ADS](#)
- Levasseur-Regourd, A. C., Courtes, G., Herse, M., et al., "Astrophysical and geophysical observations with piramig/salyut 7 experiment", 1985AdSpR...5c..27L [ADS](#)
- Koutchmy, S., Nesmianovich, I. A., Dzhanibekov, V. A., & Nikolskii, G. M., "Color photographic photometry of the inner zodiacal light observed from the Salyut 7 orbital station", 1985AbaOB..60..207K [ADS](#)
- Dzhanibekov, V. A., Koutchmy, S., Nesmyanovich, I. A., & Nikol'skij, G. M., "A colorimetric and photometric analysis of the inner zodiacal light observed from the orbiting laboratory "Salyut-7".", 1985AbaOB..60..207D [ADS](#)
- Nikol'skij, G. M., Kim, I. S., Klepikov, V. Y., et al., "A magnetograph with scanning along the whole profile of a spectral line.", 1985AbaOB..60..177N [ADS](#)
- Koutchmy, S., "G. M. Nikolsky, 1929 - 1982.", 1985ASSL..119D..23K [ADS](#)
- Koutchmy, S. & Lamy, P. L., "A Coronascanner for a Sun Oriented Space Mission", 1985ASSL..119..141K [ADS](#)
- Robley, R., Buecher, A., Koutchmy, S., & Lamy, P., "Doppler Shifts Measurements of the Zodiacal Light at the PIC Midi Observatory", 1985ASSL..119..85R [ADS](#)
- Koutchmy, S. & Lamy, P. L., "The F-Corona and the Circum-Solar Dust Evidences and Properties (ir)", 1985ASSL..119..63K [ADS](#)

- Nikolskii, G., Koutchmy, S., Lamy, P. L., & Nesmianovich, I. A., "Photographic Observations of the Inner Zodiacal Light Aboard Salout 7", 1985ASSL..119...7N [ADS](#)
- Koutchmy, S. & Verlhac, A., "Photometric calibrations of an MCP space qualified photographic-camera", 1985A&A...142..355K [ADS](#)
- Koutchmy, S. & Loucif, M., "Empirical model of the solar corona using solar-cycle related parameters.", 1984ESASP.220..265K [ADS](#)
- Nikolsky, G. M., Kim, I. S., Koutchmy, S., & Stellmacher, G., "Comparative magnetographic observations in different prominence lines", 1984A&A...140..112N [ADS](#)
- Nitschelm, C. & Koutchmy, S., "Éclipse totale du soleil sur un territoire français d'Outre-mer, La Nouvelle-Calédonie, le 23 novembre 1984.", 1984LAstr..98..393N [ADS](#)
- Koutchmy, S. & Nitschelm, C., "Photometric analysis of the June 11, 1983 solar corona", 1984A&A...138..161K [ADS](#)
- Nikol'skij, G. M., Koutchmy, S., & Nesmyanovich, I. A., "Photographic colour photometry of the inner zodiacal light", 1984ATsir1310...3N [ADS](#)
- Nikol'skij, G. M., Kim, N. S., Koutchmy, S., et al., "A magnetograph scanning along the whole profile of a line.", 1984BSold1984..88N [ADS](#)
- Nikol'skij, G. M., Koutchmy, S., & Fatyanov, M. P., "Wide-field coronograph for observations of coronal transient phenomena.", 1984BSold1984..53N [ADS](#)
- Nikolsky, G. M., Kim, I. S., Koutchmy, S., et al., "A Magnetograph Scanning Along the Whole Profile of the Line", 1984BSold...9..88N [ADS](#)
- Nikolsky, G. M., Koutchmy, S., & Fatyanov, M. P., "The Wide-field Coronograph for Observations of Coronal Transient Phenomena", 1984BSold...7..53N [ADS](#)
- Koutchmy, S., Laques, P., & Lecacheux, J., "Periodic Comet Crommelin (1983n)", 1983IAUC.3876...2K [ADS](#)
- Dara-Papamargaritis, H. & Koutchmy, S., "Photospheric faculae-III-intensity, and magnetic field mapping of a typical element of the photospheric network", 1983A&A...125..280D [ADS](#)
- Belmahdi, M. & Koutchmy, S., "Exploration du ciel nocturne par photographie à partir de la station orbitale Salout.", 1983LAstr..97..263B [ADS](#)
- Adjabshirzadeh, A. & Koutchmy, S., "Photometric analysis of sunspot umbral dots. III Spectrophotometry and preliminary model of a 2-component umbra", 1983A&A...122...1A [ADS](#)
- Koutchmy, S., "Les éclipses totales et l'environnement solaire.", 1983LAstr..97..177K [ADS](#)
- Koutchmy, S., Zhugzhda, I. D., & Locans, V., "Short period coronal oscillations - Observation and interpretation", 1983A&A...120..185K [ADS](#)
- Koutchmy, S., Lebecq, C., & Stellmacher, G., "The electron density of faint prominences observed during the solar eclipse of July 31, 1981", 1983A&A...119..261K [ADS](#)
- Nikol'skij, G. M., Kim, I. S., Koutchmy, S., & Stepanov, A. I., "Measurement of magnetic fields in solar prominences.", 1983ppsf.conf...52N [ADS](#)
- Kotov, V. A., Koutchmy, S., & Koutchmy, O., "Observation of global 160-min infrared (differential) intensity variation of the Sun", 1983SoPh...82...21K [ADS](#)
- Koutchmy, S. & Nikolskii, G. M., "Night Sky from Salyut", 1983S&T...65...23K [ADS](#)
- Nikol'skij, G. M., Koutchmy, S., & Nesmyanovich, I. A., "Relative distribution of colour of the solar corona on June 30, 1973.", 1983BSold1983..67N [ADS](#)
- Nikolsky, G. M., Koutchmy, S., & Nesmyanovich, I. A., "Relative Distribution of Color of the 1973JUN30 Solar Corona", 1983BSold...4..67N [ADS](#)
- Koutchmy, S., "Eclipse Totale de Soleil du 11 Juin 1983 Propositions D'observations Astrophysiques pour L'équipe de la S. a. F", 19820T...2..3K [ADS](#)
- Nikolskii, G. M., Kim, I. S., & Koutchmy, S., "Measurements of the Magnetic Field in Solar Prominences with a Spectrally Scanning Magnetograph", 1982SoPh...81...81N [ADS](#)
- Kim, I. S., Nikolsky, G. M., Koutchmy, S., & Stellmacher, G., "Magnetic field in solar prominences measured with a new spectrally scanning magnetograph", 1982A&A...114..347K [ADS](#)
- Lamy, P. L. & Koutchmy, S., "Large-scale Photographic Observations, Photometry, Colorimetry and Polarimetry of Cometary Tails", 1982ncgb.conf..243L [ADS](#)
- Koutchmy, S. & Nikol'skij, G. M., "Soviet-French observations of the total solar eclipse.", 1982ZemVs...1..65K [ADS](#)
- Adjabshirzadeh, A. & Koutchmy, S., "About the Foreshortening Effect on Sunspot Umbral Dots", 1982SoPh...75..71A [ADS](#)
- Robley, R., Bucher, A., & Koutchmy, S., "Study of the Interplanetary Dust at High Ecliptic Latitudes: Doppler-Fizeau Shifts", 1982ASSL..96..255R [ADS](#)
- Koutchmy, S., "A Search of Short-Period Coronal Waves", 1981SSRv...29..375K [ADS](#)
- Lamy, P. L. & Koutchmy, S., "An Opportunity for the Observations of Comets with Widefield Cameras Aboard the Salyut Space Station", 1981motc.conf..190L [ADS](#)
- Vsekhsvyatskii, S. K., Dzyubenko, N. I., Ivanchuk, V. I., et al., "Joint Soviet - French Investigations of the Solar Corona - Part Three - Structure and Some Dynamic Features of the Solar Corona of 1973JUN30", 1981SvA....25..463V [ADS](#)
- Vsekhsvyatsky, S. K., Dzyubenko, N. I., Ivanchuk, V. I., et al., "Soviet-French joint study of the solar corona. III - The structure and certain dynamic features of the corona of June 30, 1973", 1981AZh....58..810V [ADS](#)
- Koutchmy, S. & Adjabshirzadeh, A., "Photometric Analysis of the Sunspot Umbral Dots - Part Two - Size Shape and Temperature", 1981A&A...99..111K [ADS](#)
- Koutchmy, S., "Sensitometry during Orbital Missions Aboard the Salyut Space Station", 1981asph.conf...11K [ADS](#)
- Vsekhsvyatskii, S. K., Dzyubenko, N. I., Ivanchuk, V. I., et al., "Joint Soviet / French Investigations of the Solar Corona - Part Two - Photometry of the Solar Corona of 1973JUN30", 1981SvA....25..211V [ADS](#)
- Koutchmy, S. & Nikolskij, G. M., "Measurement of the Continuum Background of Solar Prominences Using a Large Coronagraph", 1981PAZh....7..183K [ADS](#)
- Vsekhsvyatsky, S. K., Dzyubenko, N. I., Ivanchuk, V. I., et al., "Joint Soviet-French studies of the solar corona. II - Photometry of the solar corona on June 30, 1973", 1981AZh....58..376V [ADS](#)
- Lamy, P. & Koutchmy, S., "Infrared Imaging and Speckle Observations with a TV Camera", 1981Msngr..23....5L [ADS](#)
- Koutchmy, S. & Nikolskii, G. M., "Measurements of the Background Continuum of Prominences with a Large Coronagraph", 1981SvAL....7..102K [ADS](#)
- Koutchmy, S., Bucher, A., & Robley, R., "Spectrophotométrie de fond du ciel et dynamique du nuage zodiacal", 1981hrse.conf...39K [ADS](#)
- Popov, O. S., Ivchenko, V. N., Lapchuk, V. P., et al., "On TV Observations of Polarization of Green Coronal Line at the Eclipse Time of 1981JUL31", 1981ATsir1202...1P [ADS](#)
- Koutchmy, S., Koutchmy, O., & Kotov, V. A., "Detection of 160 min solar intensity variations: sampling effects.", 1980A&A...90..372K [ADS](#)
- Adjabshirzadeh, A. & Koutchmy, S., "Photometric analysis of the sunspot umbral dots. I - Dynamical and structural behaviour", 1980A&A...89..88A [ADS](#)
- Kozov, V. A., Koutchmy, S., Severnyi, A. B., & Tsap, T. T., "The effect of the equation of time on the 160-min solar oscillation", 1980PAZh....6..421K [ADS](#)
- Koutchmy, S. & Legait, A., "The solar granulation. I - Two dimensional power-spectrum analysis using optical data processing methods", 1980A&A...88..345K [ADS](#)
- Kotov, V. A., Koutchmy, S., Severnyi, A. B., & Tsap, T. T., "The Effect of the Equation of Time on the 160-MINUTE Solar OSCILLATION", 1980SvAL....6..233K [ADS](#)
- Lamy, P. L., Llebaria, A., & Koutchmy, S., "Two-Dimensional Photographic Photometry of the Zodiacal Light from Spatial Observations", 1980IAUS...90..37L [ADS](#)
- Lamy, P. & Koutchmy, S., "2-D observations of IR-stellar speckles.", 1979JOpt...10..331L [ADS](#)
- Lamy, P. L., Nguyen-Trong, T., Adjabschirzadeh, A., & Koutchmy, S., "Astronomical applications of infrared television imaging.", 1979A&A....77..257L [ADS](#)
- Lamy, P. L. & Koutchmy, S., "Comet West 1975n part II: study of the striated tail.", 1979A&A....72..50L [ADS](#)
- Koutchmy, S., Coupiac, P., Elmore, D., Lamy, P., & Sevre, F., "Comet West 1975n. I. Observations near and after perihelion passage.", 1979A&A...72..45K [ADS](#)
- Koutchmy, S., "Salyut-6: a new look at the ionosphere.", 1979Rech...10...63K [ADS](#)
- Koutchmy, S., "Observatoires en URSS: Description de quelques instruments nouveaux", 1978LAstr..92..433K [ADS](#)
- Koutchmy, S., Stellmacher, G., Koutchmy, O., et al., "Photometrical analysis of the June 30, 1973 solar corona.", 1978A&A...69..35K [ADS](#)
- Koutchmy, S. & Lamy, P., "Propagating inhomogeneities in the dust tail of comet West 1975", 1978Natur.273..522K [ADS](#)
- Adjabshirzadeh, A. & Koutchmy, S., "Bright points in sunspot umbrae: morphology, intensities.", 1978CRASB.286..335A [ADS](#)
- Koutchmy, S. & Stellmacher, G., "Photospheric faculae. II. Line profiles and magnetic field in the bright network of the quiet sun.", 1978A&A...67..93K [ADS](#)
- Arpigny, C., Bertaux, J. L., Bodechtel, J., et al.: 1978, Workshop on cometary missions. ESOC Darmstadt, 17 - 19 April 1978. Chairmen's summaries and extended abstracts of invited contributions. 1978wocm.book.....A [ADS](#)
- Koutchmy, S., "Super Granulation in the Deep Photosphere", 1978psfsl.conf..155K [ADS](#)

- Koutchmy, S., "Practical work on colour emulsions using filtered duplicates", 1978mtap.conf..225K [ADS](#)
- Koutchmy, S., "Photospheric faculae: the contrasts at the center of the solar disk using filigree pictures.", 1977A&A....61..397K [ADS](#)
- Koutchmy, S., Picat, J. P., & Dantel, M., "Etude polarimétrique de la couronne solaire observe à l'éclipse totale du 30 juin 1973 à l'aide d'un filtre neutre radial.", 1977A&A....59..349K [ADS](#)
- Koutchmy, S., Koutchmy, O., & Kotov, V., "Measurements of the solar limb-darkening in the 1 - 4 textnum range.", 1977A&A....59..189K [ADS](#)
- Koutchmy, S., "Study of the June 30, 1973 trans-polar coronal hole", 1977SoPh...51..399K [ADS](#)
- Koutchmy, S. & Stellmacher, G., "The Contrast of Solar Filigrees", 1977MitAG..42..142K [ADS](#)
- Koutchmy, S., "Solar Corona", 1977ASSL...69..39K [ADS](#)
- Koutchmy, S. & Stellmacher, G., "Photometric study of chromospheric and coronal spikes observed during the total solar eclipse of 30 June 1973.", 1976SoPh...49..253K [ADS](#)
- Sinvhal, S. D., Babu, G., Ketelsen, D. A., et al., "Comet West (1975n)", 1976IAUC.2924....3S [ADS](#)
- Vsekhsviatskii, S. K., Dziubenko, N. I., Nesmianovich, A. T., Popov, O. S., & Koutchmy, S., "JointSoviet-French studies of the solar corona. I. Structural properties and photometry of solar corona of July 10, 1972", 1976SvA....19..477V [ADS](#)
- Lamy, P. L. & Koutchmy, S., "Study of the Anti-Tail of Comet Kohoutek from an Observation on 17 January 1974", in H. Elsaesser and H. Fechtig (Eds.), Interplanetary Dust and Zodiacal Light, Vol. 48, 343 1976LNP....48..343L [ADS](#)
- Vsekhsviatskii, S. K., Dziubenko, N. I., Nesmianovich, A. T., Popov, O. S., & Koutchmy, S., "JointSoviet-French studies of the solar corona. I. Structural properties and photometry of solar corona of July 10, 1972", 1975AZh....52..785V [ADS](#)
- Koutchmy, S. & Lamy, P. L., "Study of the Inner Satellites of Saturn by Photographic Photometry", 1975Icar...25..459K [ADS](#)
- Koutchmy, S., "Saturn's Rings: A Photometric Study of Ring C", 1975Icar...25..131K [ADS](#)
- Koutchmy, S., "L'étude de la couronne blanche à bord de Concorde 001 au cours de l'éclipse totale de Soleil du 30 juin 1973", 1975LAstr..89..149K [ADS](#)
- Vsekhsviatskii, S. K., Dziubenko, N. I., Nesmianovich, A. T., Rubo, G. A., & Koutchmy, S., "Dynamic processes in the solar corona of June 30, 1973", 1975DoSSR.218..787V [ADS](#)
- Bucher, A., Robley, R., & Koutchmy, S., "Photometric, Colorimetric and Polarimetric Study of Comet Kohoutek 1973F, on January 17 and 18, 1974", 1975A&A...39..289B [ADS](#)
- Vsekhsviatskii, S. K., Dziubenko, N. I., Nesmianovich, A. T., Rubo, G. A., & Koutchmy, S., "Investigation of dynamical processes in the solar corona on 30th June, 1973.", 1974DoSSR.218..787V [ADS](#)
- Stellmacher, G. & Koutchmy, S., "Study of low dispersion eclipse spectra: observation of weak low excitation emission lines in the corona.", 1974A&A....35..43S [ADS](#)
- Lamy, P. L. & Koutchmy, S., "Infrared Photometry of the Outer Corona", 1974BAAS....6..311L [ADS](#)
- Koutchmy, S., "Observations photographiques de la comète Kohoutek", 1974LAstr..88..172K [ADS](#)
- Koutchmy, S., Dzubenko, N. I., Nesmianovich, A. T., & Vsekhsyatsky, S. K., "Photométrie photographique de la couronne solaire. Observée au cours de l'éclipse totale du 10 juillet 1972", 1974SoPh...35..369K [ADS](#)
- Koutchmy, O. & Koutchmy, S., "The coronal aureola in the time of total solar eclipse", 1974A&S...13..295K [ADS](#)
- Koutchmy, S., Chernykh, N. S., Kastel', G. R., & Pavlenko, P. P., "Comet Kohoutek 1973f.", 1974KomTs.169....K [ADS](#)
- Koutchmy, S., Bareau, C., & Stellmacher, G., "Sur les premiers signes de la reprise de l'activité solaire.", 1974CRASB.278..873K [ADS](#)
- Koutchmy, S. & Fagot, J., "Rapid Variations Observed during the Total Eclipse of the Sun on June 30, 1973", 1973Natur.246..414K [ADS](#)
- Koutchmy, S. & Magnant, F., "On the Observation of the F Corona in the Vicinity of the Solar Limb", 1973ApJ...186..671K [ADS](#)
- Koutchmy, S., "French Eclipse Studies", 1973S&T....46..215K [ADS](#)
- Banos, C. & Koutchmy, S., "Etude photométrique d'un Renforcement Diffus observé dans la Lumière Zodiacale, à une distance de 100 R_sun du Soleil", 1973Icar...20..32B [ADS](#)
- Koutchmy, S. L., "On the origin and the dynamics of interplanetary dust.", 1973pcp..conf...28K [ADS](#)
- Vsekhsvyatskij, S. K., Dzyubenko, N. I., Nesmyanovich, A. T., et al., "Observations of the total solar eclipse of June 30, 1973 according to the Soviet-French cooperation programme.", 1973ATsir.800....1V [ADS](#)
- Vsekhsvyatskij, S. K., Koutchmy, S. L., Nesmyanovich, A. T., et al., "Joint Soviet-French observations of the total solar eclipse on July 10, 1972.", 1973ATsir.789....1V [ADS](#)
- Koutchmy, S., "Étude hydrodynamique du grand jet coronal ne s'observé à l'éclipse du 7 Mars 1970", 1972SoPh...24..373K [ADS](#)
- Koutchmy, S.: 1972b, "Contribution à l'étude de la couronne solaire en expansion.", Ph.D. thesis, - 1972PhDT.....98K [ADS](#)
- Coupiac, P. & Koutchmy, S., "Photometry of a Sunspot at = 3.75 s", 1972A&A....16..272C [ADS](#)
- Koutchmy, S., "Diffuse External Reinforcements in the Solar Corona from the March 7 Solar Eclipse Plates", 1972A&A....16..103K [ADS](#)
- Koutchmy, S. & Macris, C., "Observation in the Wing of the H Line and Identification of the Spicular Structure near the Solar Limb", 1971SoPh...20..295K [ADS](#)
- Koutchmy, S., "Three Dimensional Model of a Large Coronal Streamer with Active Region Enhancement", 1971A&A....13..79K [ADS](#)
- Koutchmy, S. & Schatten, K. H., "Observations and Discussions Concerning 'High' Polarization Features in the Solar Corona", 1971SoPh...17..117K [ADS](#)
- Lilliequist, C., Schmahl, E., Laffineur, M., et al., "More March 7th eclipse results.", 1970S&T....40..77L [ADS](#)
- Koutchmy, S. & Laffineur, M., "Photometric Study of the Solar Corona", 1970Natur.226.1141K [ADS](#)
- Koutchmy, S. & Peyturaux, R., "Study of the Solar Continuum in the Intermediate Infra-Red Spectral Range 3.5-24.4 4u", 1970A&A....5..470K [ADS](#)
- Koutchmy, S., "Observation de la lumière cendrée au cours d'une éclipse totale.", 1970CRASB.271..259K [ADS](#)
- Laffineur, M., Burnichon, M. L., & Koutchmy, S., "Weighted Observation of the Corona during the Total Solar Eclipse of September 22, 1968", 1969Natur.222..461L [ADS](#)
- Laffineur, M. & Koutchmy, S., "The radio telescope for millimetre waves at the Simeis Observatory", 1969LOEle..49..246L [ADS](#)
- Burnichon, M. L., Koutchmy, S., & Laffineur, M., "Sur un type nouveau de jet coronal associé à des éruptions chromosphériques et à des "bulbes coronaux".", 1969CRASB.269..139B [ADS](#)
- Koutchmy, S., "Some Morphological Particularities of the Solar Corona on 22 September 1968", 1969ApL.....4..215K [ADS](#)