

Bibliography from ADS file: soon.bib
September 14, 2022

- Qiu, S., Zhang, Z., Yousof, H., et al., “The interplanetary origins of geomagnetic storm with $Dst_{min} \leq -50$ nT during solar cycle 24 (2009-2019)”, 2022AdSpR..70..2047Q ADS
- Velasco Herrera, V. M., Soon, W., Knoška, Š., et al., “The New Composite Solar Flare Index from Solar Cycle 17 to Cycle 24 (1937 - 2020)”, 2022SoPh..297...108V ADS
- Velasco Herrera, V. M., Soon, W., Hoyt, D. V., & Muraközy, J., “Group Sunspot Numbers: A New Reconstruction of Sunspot Activity Variations from Historical Sunspot Records Using Algorithms from Machine Learning”, 2022SoPh..297...8V ADS
- Metcalf, T. S., van Saders, J. L., Basu, S., et al., “Magnetic and Rotational Evolution of ρ CrB from Asteroseismology with TESS”, 2021ApJ...921..122M ADS
- Connolly, R., Soon, W., Connolly, M., et al., “How much has the Sun influenced Northern Hemisphere temperature trends? An ongoing debate”, 2021RAA...21..131C ADS
- Cionco, R. G., Kudryavtsev, S. M., & Soon, W. W. H., “Possible Origin of Some Periodicities Detected in Solar-Terrestrial Studies: Earth’s Orbital Movements”, 2021E&SS....801805C ADS
- Velasco Herrera, V. M., Soon, W., & Legates, D. R., “Does Machine Learning reconstruct missing sunspots and forecast a new solar minimum?”, 2021AdSpR..68..1485V ADS
- Zhao, X., Soon, W., & Velasco Herrera, V. M., “Holocene Millennial-Scale Solar Variability and the Climatic Responses on Earth”, 2021Univ....7...36Z ADS
- Szarka, L., Soon, W. W. H., & Cionco, R. G., “How the astronomical aspects of climate science were settled? On the Milankovitch and Bacsák anniversaries, with lessons for today”, 2021AdSpR..67..700S ADS
- Cionco, R. G., Soon, W. W. H., Elias, A. G., & Quaranta, N. E., “Latitudinal insolation gradients throughout the Holocene II - High frequency variations”, 2020AdSpR..66..1992C ADS
- Zhao, X., Soon, W., & Velasco Herrera, V. M., “Evidence for Solar Modulation on the Millennial-Scale Climate Change of Earth”, 2020Univ....6..153Z ADS
- Metcalf, T. S., van Saders, J. L., Basu, S., et al., “The Evolution of Rotation and Magnetic Activity in 94 Aqr Aa from Asteroseismology with TESS”, 2020ApJ...900..154M ADS
- Cionco, R. G., Soon, W. W. H., & Quaranta, N. E., “On the calculation of latitudinal insolation gradients throughout the Holocene”, 2020AdSpR..66..720C ADS
- Garg, S., Karak, B. B., Egeland, R., Soon, W., & Baliunas, S., “Waldmeier Effect in Stellar Cycles”, 2019ApJ...886..132G ADS
- Soon, W. W.-H., Connolly, R., Connolly, M., et al., “Reply to Li & Yang’s comments on “Comparing the current and early 20th century warm periods in China””, 2019ESRv..19802950S ADS
- Heredia, T., Bazzano, F. M., Cionco, R. G., et al., “Searching for solar-like interannual to bi-decadal effects on temperature and precipitation over a Southern Hemisphere location”, 2019JASTP.19305094H ADS
- Soon, W., Velasco Herrera, V. M., Cionco, R. G., et al., “Covariations of chromospheric and photometric variability of the young Sun analogue HD 30495: evidence for and interpretation of mid-term periodicities”, 2019MNRAS.483.2748S ADS
- Soon, W. W.-H., Connolly, R., Connolly, M., et al., “Comparing the current and early 20th century warm periods in China”, 2018ESRv..185...80S ADS
- Qiu, S., Soon, W., Xue, X., et al., “Sudden Sodium Layers: Their Appearance and Disappearance”, 2018JGRA..123.5102Q ADS
- Velasco Herrera, V. M., Pérez-Peraza, J., Soon, W., & Márquez-Adame, J. C., “The quasi-biennial oscillation of 1.7 years in ground level enhancement events”, 2018NewA...60...7V ADS
- Cionco, R. G., Valentini, J. E., Quaranta, N. E., & Soon, W. W. H., “Lunar fingerprints in the modulated incoming solar radiation: In situ insolation and latitudinal insolation gradients as two important interpretative metrics for paleoclimatic data records and theoretical climate modeling”, 2018NewA...58...96C ADS
- Velasco Herrera, V. M., Soon, W., Velasco Herrera, G., Traversi, R., & Horiuchi, K., “Generalization of the cross-wavelet function”, 2017NewA...56...86V ADS
- Egeland, R., Soon, W., Baliunas, S., Hall, J. C., & Henry, G. W., “Evolution of Long Term Variability in Solar Analogs”, 2017IAUS...328..329E ADS
- Egeland, R., Soon, W., Baliunas, S., et al., “VizieR Online Data Catalog: Calibrated solar S-index time series (Egeland+, 2017)”, 2017yCat..18350025E ADS
- Cionco, R. G. & Soon, W. W. H., “Short-term orbital forcing: A quasi-review and a reappraisal of realistic boundary conditions for climate modeling”, 2017ESRv..166..206C ADS
- Egeland, R., Soon, W., Baliunas, S., et al., “The Mount Wilson Observatory S-index of the Sun”, 2017ApJ...835...25E ADS
- Egeland, R., Soon, W., Baliunas, S., et al., “Dynamo Sensitivity In Solar Analogs With 50 Years Of Ca II H & K Activity”, 2016csss.confE...6E ADS
- Soon, W., Velasco Herrera, V. M., Selvaraj, K., et al., “Corrigendum to ‘A review of Holocene solar-linked climatic variation on centennial to millennial timescales: Physical processes, interpretative frameworks and a new multiple cross-wavelet transform algorithm’ Earth Sci. Rev. 134 [1-15]”, 2016ESRv..159..462S ADS
- Egeland, R., Soon, W., Baliunas, S., et al., “The Solar Dynamo Zoo”, 2016csss.confE...72E ADS
- Oláh, K., Kővári, Z., Petrovay, K., et al., “Magnetic cycles at different ages of stars”, 2016A&A...590A.1330 ADS
- Soon, W., Connolly, R., & Connolly, M., “Re-evaluating the role of solar variability on Northern Hemisphere temperature trends since the 19th century”, 2015ESRv..150..409S ADS
- Usoskin, I. G., Arlt, R., Asvestari, E., et al., “The Maunder minimum (1645-1715) was indeed a grand minimum: A reassessment of multiple datasets”, 2015A&A...581A..95U ADS
- Usoskin, I., Arlt, R., Asvestari, E., et al., “The Maunder minimum: A reassessment from multiple dataset”, 2015IAUGA..2253036U ADS
- Soon, W. & Legates, D. R., “Response to the comment on: textquotedleft-Soon, W., and Legates, D.R., solar irradiance modulation of equator-to-pole (Arctic) temperature gradients: empirical evidence for climate variation on multi-decadal timescales. Journal of Atmospheric and solar-terrestrial physics, 93, (2013) 45-56textquotedright by F. Meunier and A. H. Reis”, 2015JASTP.128...92S ADS
- Hiremath, K. M., Manjunath, H., & Soon, W., “Indian summer monsoon rainfall: Dancing with the tunes of the sun”, 2015NewA...35...8H ADS
- Yan, H., Soon, W., & Wang, Y., “A composite sea surface temperature record of the northern South China Sea for the past 2500 years: A unique look into seasonality and seasonal climate changes during warm and cold periods”, 2015ESRv..141..122Y ADS
- Cionco, R. G. & Soon, W., “A phenomenological study of the timing of solar activity minima of the last millennium through a physical modeling of the Sun-Planets Interaction”, 2015NewA...34..164C ADS
- Soon, W., Velasco Herrera, V. M., Selvaraj, K., et al., “A review of Holocene solar-linked climatic variation on centennial to millennial timescales: Physical processes, interpretative frameworks and a new multiple cross-wavelet transform algorithm”, 2014ESRv..134...1S ADS
- Legates, D. R., Eschenbach, W., & Soon, W., “Arctic albedo changes are small compared with changes in cloud cover in the tropics”, 2014PNAS..111E2157L ADS
- Soon, W. & Legates, D. R., “Solar irradiance modulation of Equator-to-Pole (Arctic) temperature gradients: Empirical evidence for climate variation on multi-decadal timescales”, 2013JASTP..93...45S ADS
- Soon, W., Dutta, K., Legates, D. R., Velasco, V., & Zhang, W., “Variation in surface air temperature of China during the 20th century”, 2011JASTP..73.2331S ADS
- Agnihotri, R., Dutta, K., & Soon, W., “Temporal derivative of Total Solar Irradiance and anomalous Indian summer monsoon: An empirical evidence for a Sun-climate connection”, 2011JASTP..73.1980A ADS
- Katsova, M. M., Livshits, M. A., Soon, W., Baliunas, S. L., & Sokoloff, D. D., “Differential rotation of some HK-Project stars and the butterfly diagrams”, 2010NewA...15..274K ADS
- Soon, W., “The Sun-Climate Connection: A journey from solar-stellar-galactic astrophysics, to weather-climate continuum and paleoclimatic-geological insights (Invited)”, 2009AGUFMGC11A0681S ADS
- Oláh, K., Kolláth, Z., Granzer, T., et al., “Multiple and changing cycles of active stars. II. Results”, 2009A&A...501..703O ADS
- Katsova, M. M., Livshits, M. A., Soon, W., & Sokoloff, D. D., “Differential rotation of some HK Project stars and the butterfly diagrams”, 2009AIPC.1094..672K ADS
- Oláh, K., Strassmeier, K. G., Granzer, T., Soon, W., & Baliunas, S. L., “Changing stellar activity cycles”, 2007AN...328.1072O ADS
- Soon, W., “Some Issues of Solar Irradiance Variability and Climatic Responses: A Brief Review”, 2007AGUFMGC42A..05S ADS
- Lockwood, G. W., Skiff, B. A., Henry, G. W., et al., “Patterns of Photometric and Chromospheric Variation among Sun-like Stars: A 20 Year Perspective”, 2007ApJS...171..260L ADS
- Baliunas, S., Frick, P., Moss, D., et al., “Anharmonic and standing dynamo waves: theory and observation of stellar magnetic activity”, 2006MNRAS.365..181B ADS
- Soon, W. W. H., “Variable solar irradiance as a plausible agent for multidecadal variations in the Arctic-wide surface air temperature record of the past 130 years”, 2005GeoRL..3216712S ADS
- Baliunas, S., Frick, P., Moss, D., et al., “Anharmonicity of Stellar Cycles: A Wavelet Quantification”, 2004SoPh..224..179B ADS

- Lin, J. & Soon, W., "Evolution of morphological features of CMEs deduced from catastrophe model of solar eruptions", 2004NewA...9...611L ADS
- Frick, P., Soon, W., Popova, E., & Baliunas, S., "Time-spectra of chromospheric activity of old solar-type stars: detection of rotational signals from double wavelet analysis", 2004NewA...9...599F ADS
- Baliunas, S. L. & Soon, W. W. H., "Stellar Magnetic Activity, the Earth and Exoplanets: How Future Space Missions Can Contribute to Understanding Solar Activity and Solar-terrestrial Influences", 2004AAS...204.0809B ADS
- Soon, W. W. H., Legates, D. R., & Baliunas, S. L., "Estimation and representation of long-term (>40 year) trends of Northern-Hemisphere-gridded surface temperature: A note of caution", 2004GeoRL...31.3209S ADS
- Soon, W. & Yaskell, S., "Year Without a Summer", 2003Mercur...32c...13S ADS
- Lin, J., Soon, W., & Baliunas, S. L., "Theories of solar eruptions: a review", 2003NewAR...47...53L ADS
- Soon, W. W.-H. & Yaskell, S. H.: 2003, *The Maunder Minimum and the Variable Sun-Earth Connection* 2003mmvs.book...S ADS
- Soon, W. & Baliunas, S. L., "Global warming", 2003PrPhG...27...448S ADS
- Soon, W., Baliunas, S. L., Idso, C., Idso, S., & Legates, D., "Reconstructing climatic and environmental changes of the past 1000 years: A reappraisal", 2003En&En...14...233S ADS
- Soon, W. & Baliunas, S. L., "Proxy climatic and environmental changes of the past 1000 years", 2003ClRe...23...89S ADS
- Lockwood, G. W., Hall, J. C., Skiff, B. A., et al., "Gauging the Sun: Comparative photometric and magnetic activity measurements of sunlike stars, 1984-2001", 2002AAS...200.0709L ADS
- White, W., Dettinger, M., Soon, W., & Baliunas, S., "Sources of solar variability responsible for global warming of the upper ocean on decadal period scales", 2002cosp...34E1318W ADS
- Risbey, J., Soon, W., Baliunas, S., et al., "Reply to Comments on "Modeling climatic effects of anthropogenic CO2 emissions: Unknowns and uncertainties", 2002ClRe...22...187R ADS
- Soon, W., "Solar and Space Weather (or SOLSPA) EuroConference: The Solar and Terrestrial Climate", 2001sefp.conf...91S ADS
- Kondratyev, K. Y., Adamenko, V. N., Demirchian, K. S., et al.: 2001, *Global Climate Change: Conceptual Aspects, 2001*, St. Petersburg: Russian Academy of Science and Scientific Research Centre for Ecological Safety, 125 pp. 2001rass.rept...K ADS
- Soon, W., Baliunas, S., Demirchian, K. S., et al., "The impact of anthropogenic CO2 emissions: Unknowns and uncertainties", 2001PRGS...133...1S ADS
- Soon, W., Baliunas, S., Demirchian, K. S., et al., "Modeling climatic effects of anthropogenic CO2 emissions: Unknowns and uncertainties", 2001ClRe...18...259S ADS
- Baliunas, S. & Soon, W., "The Curious case of the carbon forest source", 2000WCRp...6f...3B ADS
- Baliunas, S. & Soon, W., "Millennial climate", 2000WCRp...6b...3B ADS
- Baliunas, S. & Soon, W., "100000110011 (Computer Year 2099)", 2000WCRp...5v...3B ADS
- Baliunas, S. & Soon, W., "Man vs. Milky Way revisited", 2000WCRp...5s...3B ADS
- Soon, W., Posmentier, E., & Baliunas, S., "Climate hypersensitivity to solar forcing?", 2000AnGeo...18...583S ADS
- Baliunas, S. & Soon, W., "The Trouble with Ozone", 2000WCRp...5o...3B ADS
- Henry, G. W., Baliunas, S. L., Donahue, R. A., Fekel, F. C., & Soon, W., "Photometric and Ca II H and K Spectroscopic Variations in Nearby Sun-like Stars with Planets. III.", 2000ApJ...531...415H ADS
- Baliunas, S. & Soon, W.: 2000a, *The sun also warms*, The State of the Climate 2000, an annual report of World Climate Report, p. 21-25 (2000). 2000stcl.rept...21B ADS
- Baliunas, S. & Soon, W., "The rains of Ranchipur", 2000WCRp...5j...3B ADS
- Soon, W., Baliunas, S., Posmentier, E. S., & Okeke, P., "Variations of solar coronal hole area and terrestrial lower tropospheric air temperature from 1979 to mid-1998: astronomical forcings of change in earth's climate?", 2000NewA...4...563S ADS
- Soon, W., Baliunas, S., Idso, S. B., Kondratyev, K. Y., & Posmentier, E. S., "Calculating the Climatic Impacts of Increased CO₂: the Issue of Model Validation", 2000ESASP.463...243S ADS
- Baliunas, S. & Soon, W., "Generations of Hurricanes", 1999WCRp...5f...3B ADS
- Baliunas, S. & Soon, W., "Almighty Chance and the Dance of El Nino", 1999WCRp...5d...3B ADS
- Baliunas, S. & Soon, W., "Pioneers in the Greenhouse Effect", 1999WCRp...4s...B ADS
- Baliunas, S. & Soon, W., "Pioneers in the Greenhouse Effect", 1999WCRp...4S...6B ADS
- Baliunas, S. & Soon, W., "The Mysteries of Carbon Dioxide", 1999WCRp...4R...6B ADS
- Baliunas, S. & Soon, W., "Aerosols are Cool", 1999WCRp...4k...6B ADS
- Baliunas, S. & Soon, W., "Aerosols are Cool", 1999WCRp...4Q...6B ADS
- Baliunas, S. & Soon, W., "Silver-blue Cloudlets of the Night", 1999WCRp...4...5B ADS
- Soon, W., Baliunas, S., Robinson, A., & Robinson, Z. W., "Environmental effects of increased atmospheric carbon dioxide", 1999ClRe...13...149S ADS
- Soon, W., Frick, P., & Baliunas, S., "Lifetime of Surface Features and Stellar Rotation: A Wavelet Time-Frequency Approach", 1999ApJ...510L.135S ADS
- Baliunas, S. & Soon, W., "Cold World: Model Analysis shows icy trend", 1998WCRp...4g...6B ADS
- Baliunas, S. & Soon, W., "The Miner's Canary is Still Singing", 1998WCRp...4c...6B ADS
- Soon, W. & Yaskell, S. H., "Cycles of the Sun.", 1998AsNow...12S...15S ADS
- Baliunas, S. & Soon, W., "The summer of our discontent", 1998WCRp...3c...10B ADS
- Baliunas, S. & Soon, W., "The life and times of Alfonso Nino and family", 1998WCRp...3s...10B ADS
- Baliunas, S. & Soon, W., "The Milky Way and the clouds of Earth", 1998WCRp...3o...10B ADS
- Baliunas, S. & Soon, W., "Nature speaks of many things, Of missing flux and butterfly wings", 1998WCRp...3k...6B ADS
- Robinson, A., Baliunas, S. L., Soon, W., & Robinson, Z. W., "Environmental effects of increased atmospheric carbon dioxide", 1998MeSen...3...171R ADS
- Soon, W. & Yaskell, S. H., "Maunder's Minimum: Cycles of the Sun", 1998AsNow...12...15S ADS
- Baliunas, S. L., Donahue, R. A., Soon, W., & Henry, G. W., "Activity Cycles in Lower Main Sequence and POST Main Sequence Stars: The HK Project", 1998ASPC...154...153B ADS
- Frick, P., Baliunas, S. L., Galyagin, D., Sokoloff, D., & Soon, W., "Wavelet Analysis of Stellar Chromospheric Activity Variations", 1997ApJ...483...426F ADS
- Baliunas, S., Frick, P., Sokoloff, D., & Soon, W., "Time scales and trends in the central England temperature data (1659-1990): A wavelet analysis", 1997GeoRL...24.1351B ADS
- Baliunas, S., Sokoloff, D., & Soon, W., "Magnetic Field and Rotation in Lower Main-Sequence Stars: an Empirical Time-dependent Magnetic Bode's Relation?", 1996ApJ...457L...99B ADS
- Baliunas, S. L., Nesme-Ribes, E., Sokoloff, D., & Soon, W., "Interpretation of stellar Ca II activity cycles.", 1996sube.conf...57B ADS
- Soon, W., "Chaos in the Sun: Is Solar Cycle Understandable? How Can Watching Stars Help?..", in *Chaos et Fractales dans l'Activité Solaire*, 110 1996cfas.book...110S ADS
- Baliunas, S. & Soon, W., "The Sun-Climate Connection", 1996S&T...92...38B ADS
- Baliunas, S. & Soon, W., "Are Variations in the Length of the Activity Cycle Related to Changes in Brightness in Solar-Type Stars?", 1995ApJ...450...896B ADS
- Choi, H.-J., Soon, W., Donahue, R. A., Baliunas, S. L., & Henry, G. W., "A Study of Variability in a Sample of G and K Giants", 1995PASP...107...744C ADS
- Baliunas, S. L., Donahue, R. A., Soon, W., Gilliland, R., & Soderblom, D. R., "Chromospheric Activity and Age of Solar-Type Stars", 1995AAS...186.2109B ADS