

Bibliography from ADS file: nelson-chris.bib  
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- Nelson, C. J. & Kleint, L., “IRIS burst properties in active regions”, 2022arXiv220811013N ADS
- Quintero Noda, C., Schlichenmaier, R., Bellot Rubio, L. R., et al., “The European Solar Telescope”, 2022arXiv220710905Q ADS
- Dey, S., Chatterjee, P., Murthy, O. V. S. N., et al., “Polymeric jets throw light on the origin and nature of the forest of solar spicules”, 2022NatPh..18..595D ADS
- Quinn, S., Mathioudakis, M., Nelson, C. J., et al., “Flare-induced Sunquake Signatures in the Ultraviolet as Observed by the Atmospheric Imaging Assembly”, 2021ApJ...920...25Q ADS
- Nelson, C. J., Campbell, R. J., & Mathioudakis, M., “Oscillations in the line-of-sight magnetic field strength in a pore observed by the GREGOR Infrared Spectrograph (GRIS)”, 2021A&A...654A..50N ADS
- Campbell, R. J., Mathioudakis, M., Collados, M., et al., “Temporal evolution of small-scale internetwork magnetic fields in the solar photosphere (Corrigendum)”, 2021A&A...652C...2C ADS
- Rast, M. P., Bello González, N., Bellot Rubio, L., et al., “Critical Science Plan for the Daniel K. Inouye Solar Telescope (DKIST)”, 2021SoPh...296...70R ADS
- Campbell, R. J., Mathioudakis, M., Collados, M., et al., “Temporal evolution of small-scale internetwork magnetic fields in the solar photosphere”, 2021A&A...647A.182C ADS
- Stangalini, M., Erdélyi, R., Boocock, C., et al., “Torsional oscillations within a magnetic pore in the solar photosphere”, 2021NatAs...5..691S ADS
- Shukhobodskaya, D., Shukhobodskiy, A. A., Nelson, C. J., Ruderman, M. S., & Erdélyi, R., “Significance of Cooling Effect On Comprehension of Kink Oscillations of Coronal Loops”, 2021FrASS...7..106S ADS
- Vilangot Nhalil, N., Nelson, C. J., Mathioudakis, M., Doyle, J. G., & Ramsay, G., “Power-law energy distributions of small-scale impulsive events on the active Sun: results from IRIS”, 2020MNRAS.499.1385V ADS
- Henriques, V. M. J., Nelson, C. J., Rouppe van der Voort, L. H. M., & Mathioudakis, M., “Umbral chromospheric fine structure and umbral flashes modelled as one: The corrugated umbra”, 2020A&A...642A.215H ADS
- Nelson, C. J., Krishna Prasad, S., & Mathioudakis, M., “Evolution of downflows in the transition region above a sunspot over short time-scales”, 2020A&A...640A.120N ADS
- Korsós, M. B., Georgoulis, M. K., Gyenge, N., et al., “Solar Flare Prediction Using Magnetic Field Diagnostics above the Photosphere”, 2020ApJ...896...119K ADS
- Nelson, C. J., Krishna Prasad, S., & Mathioudakis, M., “Evolution of supersonic downflows in a sunspot”, 2020A&A...636A..35N ADS
- Bagheri, F., López, R. E., Dredger, P. M., et al., “Multipoint Observations of Solar Wind Conditions and Magnetopause Motion”, 2019AGUFMSM51C3198B ADS
- Liu, J., Carlsson, M., Nelson, C. J., & Erdélyi, R., “Co-spatial velocity and magnetic swirls in the simulated solar photosphere”, 2019A&A...632A..97L ADS
- Schenkel, T., Persaud, A., Wang, H., et al., “Investigation of light ion fusion reactions with plasma discharges”, 2019JAP...126t3302S ADS
- Nelson, C. J., Freij, N., Bennett, S., Erdélyi, R., & Mathioudakis, M., “Spatially Resolved Signatures of Bidirectional Flows Observed in Inverted-Y Shaped Jets”, 2019ApJ...883..115N ADS
- Liu, J., Nelson, C. J., Snow, B., Wang, Y., & Erdélyi, R., “Evidence of ubiquitous Alfvén pulses transporting energy from the photosphere to the upper chromosphere”, 2019NatCo...10.3504L ADS
- Nelson, C. J., Shukhobodskiy, A. A., Erdélyi, R., & Mathioudakis, M., “The Effect Of Cooling On Driven Kink Oscillations Of Coronal Loops”, 2019FrASS...6...45N ADS
- Liu, J., Nelson, C. J., & Erdélyi, R., “Automated Swirl Detection Algorithm (ASDA) and Its Application to Simulation and Observational Data”, 2019ApJ...872...22L ADS
- Young, P. R., Tian, H., Peter, H., et al., “Solar Ultraviolet Bursts”, 2018SSRv...214...120Y ADS
- Huang, Z., Xia, L., Nelson, C. J., et al., “Magnetic Braids in Eruptions of a Spiral Structure in the Solar Atmosphere”, 2018ApJ...854...80H ADS
- Nelson, C. J., Henriques, V. M. J., Mathioudakis, M., & Keenan, F. P., “The formation of small-scale umbral brightenings in sunspot atmospheres”, 2017A&A...605A..14N ADS
- Nelson, C. J., Freij, N., Reid, A., et al., “IRIS Burst Spectra Co-spatial to a Quiet-Sun Ellerman-like Brightening”, 2017ApJ...845...16N ADS
- Nelson, C. J., Doyle, J. G., & Erdélyi, R., “On the relationship between magnetic cancellation and UV burst formation”, 2016MNRAS.463.2190N ADS
- Reid, A., Mathioudakis, M., Doyle, J. G., et al., “Magnetic Flux Cancellation in Ellerman Bombs”, 2016ApJ...823..110R ADS
- Shetye, J., Doyle, J. G., Scullion, E., et al., “High-cadence observations of spicular-type events on the Sun”, 2016A&A...589A...3S ADS
- Erdélyi, R. & Nelson, C. J., “On The Role of MHD Waves in Heating Localised Magnetic Structures”, 2016ASPC...504..153E ADS
- Shetye, J., Doyle, J. G., Scullion, E., Nelson, C. J., & Kuridze, D., “High Cadence Observations and Analysis of Spicular-type Events Using CRISP On-board SST”, 2016ASPC...504..115S ADS
- Nelson, C. J., Scullion, E. M., Doyle, J. G., Freij, N., & Erdélyi, R., “Small-scale Structuring of Ellerman Bombs at the Solar Limb”, 2015ApJ...798...19N ADS
- Freij, N., Scullion, E. M., Nelson, C. J., et al., “The Detection of Upwardly Propagating Waves Channeling Energy from the Chromosphere to the Low Corona”, 2014ApJ...791...61F ADS
- Erdélyi, R., Hage, A., & Nelson, C. J., “Effects of Stratification and Flows on  $P_1/P_2$  Ratios and Anti-node Shifts Within Closed Loop Structures”, 2014SoPh...289..167E ADS
- Nelson, C. J., Shelyag, S., Mathioudakis, M., et al., “Ellerman Bombs-Evidence for Magnetic Reconnection in the Lower Solar Atmosphere”, 2013ApJ...779...125N ADS
- Nelson, C. J. & Doyle, J. G., “Excitation of an outflow from the lower solar atmosphere and a co-temporal EUV transient brightening”, 2013A&A...560A..31N ADS
- Nelson, C. J., Doyle, J. G., Erdélyi, R., et al., “Statistical Analysis of Small Ellerman Bomb Events”, 2013SoPh...283..307N ADS
- Nelson, C. J., Doyle, J. G., Erdélyi, R., Madjarska, M., & Mumford, S. J., “Ellerman bombs: small-scale brightenings in the photosphere”, 2013MmSAI...84..436N ADS
- Shin, I. G., Han, C., Gould, A., et al., “Microlensing Binaries with Candidate Brown Dwarf Companions”, 2012ApJ...760..116S ADS
- Choi, J. Y., Shin, I. G., Park, S. Y., et al., “Characterizing Lenses and Lensed Stars of High-magnification Single-lens Gravitational Microlensing Events with Lenses Passing over Source Stars”, 2012ApJ...751...41C ADS
- Shin, I. G., Choi, J. Y., Park, S. Y., et al., “Microlensing Binaries Discovered through High-magnification Channel”, 2012ApJ...746..127S ADS
- Holmes, R., Vorobjov, T., Foglia, S., et al., “Minor Planet Observations [H21 Astronomical Research Observatory, Westfield]”, 2012MPC...77794...2H ADS
- Holmes, R., Linder, T., Mobley, D., et al., “Minor Planet Observations [H21 Astronomical Research Observatory, Westfield]”, 2011MPC...77396...2H ADS
- Holmes, R., Vorobjov, T., Buzzi, L., et al., “Minor Planet Observations [H21 Astronomical Research Observatory, Westfield]”, 2011MPC...77006...1H ADS
- Holmes, R., Linder, T., Vorobjov, T., et al., “Minor Planet Observations [H21 Astronomical Research Observatory, Westfield]”, 2011MPC...76018...1H ADS
- Howe, D. A., Lanfranchi, J. L., Cutsinger, L., Hati, A., & Nelson, C., “Vibration-Induced PM Noise in Oscillators and Measurements of Correlation with Vibration Sensors”, 2005ptti.conf..494H ADS
- Nelson, C., Plasek, A., Thompson, A., Gelderman, R., & Monroe, T., “[OIII] Emission Line Profiles in PG Quasars”, 2004ASPC...311...83N ADS
- Acosta, D., Affolder, T., Akimoto, H., et al., “Search for Kaluza-Klein Graviton Emission in ptextasciimacron Collisions at  $\sqrt{s}=1.8$  TeV Using the Missing Energy Signature”, 2004PhRvL...9211802A ADS
- Alcock, C., Alves, D. R., Becker, A., et al., “The MACHO Project Large Magellanic Cloud Variable Star Inventory. XI. Frequency Analysis of the Fundamental-Mode RR Lyrae Stars”, 2003ApJ...598..597A ADS
- Nelson, C., Gelderman, R., Plasek, A., et al., “[OIII] Emission Line Profiles in PG Quasars”, 2002AAS...20111404N ADS
- Welch, D. L., Kovács, G., Cook, K. H., et al., “Frequency Analysis of a Subset of Fundamental Mode RR Lyrae Stars from the MACHO Project Large Magellanic Cloud Database”, 2002ASPC...259..412W ADS
- Alard, C., Blommaert, J. A. D. L., Cesarsky, C., et al., “Mass-losing Semiregular Variable Stars in Baade’s Windows”, 2001ApJ...552..289A ADS
- Joseph, C. L., Merritt, D., Olling, R., et al., “The Nuclear Dynamics of M32. I. Data and Stellar Kinematics”, 2001ApJ...550..668J ADS
- Bower, G. A., Green, R. F., Bender, R., et al., “Evidence of a Supermassive Black Hole in the Galaxy NGC 1023 from the Nuclear Stellar Dynamics”, 2001ApJ...550...75B ADS
- Minniti, D., Alcock, C., Cook, K., et al., “MACHO Bulge Microlensing: Spectroscopy Needed”, 2001ASPC...230...39M ADS
- Cruzen, S., Wehr, T., Weistrop, D., Nelson, C., & Angione, R., “HST Observations of IRAS 15179+3956, an Interacting Galaxy Pair in the Bootes Void”, 2000AAS...197.7904C ADS
- Alcock, C., Allsman, R., Alves, D. R., et al., “The MACHO Project Large Magellanic Cloud Variable-Star Inventory. IX. Frequency Analysis of the First-Overtone RR Lyrae Stars and the Indication for Nonradial Pulsations”, 2000ApJ...542..257A ADS

Alcock, C., Allsman, R. A., Alves, D., et al., “Binary Microlensing Events from the MACHO Project”, 2000ApJ...541..270A [ADS](#)

Alcock, C., Allsman, R. A., Alves, D. R., et al., “The MACHO Project Sample of Galactic Bulge High-Amplitude  $\delta$  Scuti Stars: Pulsation Behavior and Stellar Properties”, 2000ApJ...536..798A [ADS](#)

Bower, G. A., Green, R. F., Quillen, A. C., et al., “The Ionization Source in the Nucleus of M84”, 2000ApJ...534..189B [ADS](#)

Kovács, G., Alcock, C., Allsman, R., et al., “Frequency Analysis of the RRc Variables of the MACHO Database for the LMC”, 2000ASPC...203..313K [ADS](#)

Kaiser, M. E., Bradley, L. D., I., Hutchings, J. B., et al., “Kinematics and Dynamics of the Narrow Line Region of NGC4151”, 1999ASPC...182...51K [ADS](#)

Kaiser, M. E., Bradley, L. D., I., Hutchings, J. B., et al., “Kinematic Mapping of the Narrow Line Region of NGC4151”, 1999IAUS...194...79K [ADS](#)

Hutchings, J. B., Baum, S. A., Weistrop, D., et al., “Spatially Resolved Spectra of 3C Galaxy Nuclei”, 1998AJ...116..634H [ADS](#)

Nelson, C., Weistrop, D., & Angione, R., “Long-Slit Spectroscopy of the Star-forming Regions in the Interacting Galaxies NGC 3991, NGC 3994 and NGC 3995”, 1998AAS...192.6912N [ADS](#)

Weistrop, D., Nelson, C., & Angione, R., “Long-slit Spectroscopy of the Star-forming Regions in the Interacting Galaxies NGC 3395/3396”, 1998AAS...192.6911W [ADS](#)

Vandehi, T., Griest, K., Alcock, C., et al., “The MACHO Project: Status Report on the Magellanic Clouds.”, 1998AAS...192.0703V [ADS](#)

Blake, D. F., Treiman, A. H., Cady, S., Nelson, C., & Krishnan, K., “Characterization of Magnetite Within Carbonate in ALH 84001”, 1998LPI...29.1347B [ADS](#)

Hasegawa, A., Fukuda, K., Kotake, N., et al., “An improved, optically-pumped, primary frequency standard.”, 1998pemd.conf..177H [ADS](#)

Alves, D., Alcock, C., Cook, K., et al., “The MACHO Project 9 Million Star Color-Magnitude Diagram of the Large Magellanic Cloud Bar”, 1997AAS...19111501A [ADS](#)

Cook, K., Alcock, C., Alves, D., et al., “The MACHO Project: Preliminary Results from 4 years of LMC observations.”, 1997AAS...191.8301C [ADS](#)