

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

- Castano, R., Vaquero, T., Rossi, F., et al., "Operations for Autonomous Spacecraft: Workflows and Tools for a Neptune Tour Case Study", 2022LPICo2678.2510C [ADS](#)
- Chauhan, M., Sur, K., Chauhan, P., et al., "Lithological Mapping of Nidar Ophiolite Complex, Ladakh Using High-Resolution Data", 2022LPICo2678.1901C [ADS](#)
- Ono, M., Balaram, B. J., Verma, V., et al., "New Rover CONOPS with High-performance Onboard Computing: Give Up Raw Data to Reduce Ops Cost and Do More Science", 2022LPICo2655.50530 [ADS](#)
- Hand, K. P., Phillips, C. B., Murray, A., et al., "Science Goals and Mission Architecture of the Europa Lander Mission Concept", 2022PSJ....3...22H [ADS](#)
- Mittal, N. & Verma, V. K., "Study of some characteristics of solar energetic particles and associated solar activities during 1996-2016", 2019NewA...69...74M [ADS](#)
- Verma, V. K. & Mittal, N., "On the Origin of Solar Halo Coronal Mass Ejections", 2019AstL...45..164V [ADS](#)
- Mittal, N. & Verma, V. K., "On some characteristics of large kinetic energy coronal mass ejections during 1996-2015", 2018NewA...63...6M [ADS](#)
- Chandra, R., Verma, V. K., Rani, S., & Maurya, R. A., "Multi-wavelength view of an M2.2 solar flare on 26 november 2000", 2017NewA...51..105C [ADS](#)
- Verma, V. K., "Relationship of EIT waves phenomena with Coronal Mass Ejections", 2017psio.confE..68V [ADS](#)
- Mittal, N. & Verma, V. K., "Relationship of decametric-hectometric type II radio burst, coronal mass ejections and solar flare observed during 1997-2014", 2017NewA...50...60M [ADS](#)
- Mittal, N., Sharma, J., Verma, V. K., & Garg, V., "On the statistical characteristics of radio-loud and radio-quiet halo coronal mass ejections and their associated flares during solar cycles 23 and 24", 2016NewA...47...64M [ADS](#)
- Francis, R., Estlin, T., Gaines, D., et al., "AEGIS Intelligent Targeting Deployed for the Curiosity Rover's ChemCam Instrument", 2016LPI....47.2487F [ADS](#)
- Verma, V. K. & Chandra, R., "On Multi-wavelength Study of a M2.2 Solar Flare Observed on 26 November, 2000 from NOAA AR 9236", 2012cosp...39.2084V [ADS](#)
- Verma, V. K., "On Halo CMEs relation with Solar Flares and Coronal Holes observed during 1996-2008", 2012cosp...39.2083V [ADS](#)
- Mittal, N. & Verma, V. K., "On the arrival times of halo coronal mass ejections in the vicinity of the Earth", 2012cosp...39.1255M [ADS](#)
- Verma, V. K., "Relationship of great soft X-ray flares with other solar activity phenomena", 2011Ap&SS..334...83V [ADS](#)
- Arvidson, R. E. van Dyke, L., Bennett, K., et al., "Mars Exploration Rover Opportunity Terramechanics Across Ripple Covered Bedrock in Meridiani Planum", 2011LPI....42.1503A [ADS](#)
- Verma, V. K., "On the Long-Term Cyclic Period of North-South Asymmetry of Solar Active Region Phenomena", 2009ASPC..416..483V [ADS](#)
- Verma, V., Estlin, T., Jonsson, A., et al., "Plan Execution Interchange Language (PLEXIL) for Executable Plan and Command Sequence", 2005ESASP.603E..11V [ADS](#)
- Verma, V. K. & Sawant, H. S., "Solar Flares Activity in Active Region NOAA 9033 on 12th June 2000", 2004cosp...35..630V [ADS](#)
- Verma, V. K. & Sawant, H. S., "Classification of Solar Coronal Mass Ejections Based on LASCO Observations", 2004cosp...35..629V [ADS](#)
- Verma, V. K. & Sawant, H. S., "Relationship of Coronal Mass Ejections observed by LASCO/ SOHO with Solar flares and Coronal Holes", 2004cosp...35..628V [ADS](#)
- Verma, V. K. & Vats, H. O., "Study of Three Homologous Solar Flares Observed from Active Region NOAA 9033 on 12th June 2000", 2003BASI...31..289V [ADS](#)
- Sridharan, R., Venkatakrishnan, P., & Verma, V. K., "Estimation of Fried's Parameter From Specklegrams of Solar Features", 2002SoPh..211..395S [ADS](#)
- Verma, V. K., "Coronal Mass Ejections: Relationship with Solar Flares and Coronal Holes", 2002mwoc.conf..319V [ADS](#)
- Verma, V., "On the occurrence rate of slow speed solar wind strams", 2002cosp...34E1915V [ADS](#)
- Verma, V., "Study of periodicities of high speed solar wind streams observed during solar cycles 20, 21 and 22.", 2002cosp...34E1854V [ADS](#)
- Verma, V., "Relationship of Coronal Mass Ejections with Solar flares and Coronal Holes", 2002cosp...34E1853V [ADS](#)
- Verma, V., "Periodic behaviour of the North-South Asymmetry of Solar Phenomena", 2002cosp...34E1852V [ADS](#)
- Verma, V. K., "On the Periodicity of High Speed Solar Wind Streams", 2001SSRv...97..205V [ADS](#)
- Verma, V. K., "Periodic Variation of the North-South Asymmetry of Solar Activity Phenomena", 2000JApA...21..173V [ADS](#)
- Verma, V. K., "On the distribution and asymmetry of solar active prominences", 2000SoPh..194...87V [ADS](#)
- Uddin, W. & Verma, V. K., "Surge activities on November 26-28, 1990", 2000BASI...28..125J [ADS](#)
- Verma, V., "Development of an Instrument for the Observation of Solar H Flares With Time Resolution of 25 ms", 1999ASPC..183..288V [ADS](#)
- Verma, V., "Proposed 60-cm Solar Vacuum Telescope with Multi-Channel Facility of UPSO, Nainital, India", 1999ASPC..183..213V [ADS](#)
- Verma, V. K., Uddin, W., & Gaur, V. P., "Proposed 60-cm multichannel Solar Vacuum Telescope of UPSO, Nainital", 1998BASI...26..411V [ADS](#)
- Gaur, V. P., Verma, V. K., & Uddin, W., "Solar observational programs and facilities at UPSO, Nainital", 1998BASI...26..289G [ADS](#)
- Uddin, W. & Verma, V. K., "Eruption of twisted filament, associated flare and transient phenomena", 1998BASI...26..200U [ADS](#)
- Verma, V. K., Uddin, W., & Gaur, V. P., "Development of an Instrument Based on a Fibre-Bonded CCD Camera for Prominence Observations", 1998ASPC..150..506V [ADS](#)
- Uddin, W. & Verma, V. K., "Eruption of Twisted Filament and Associated Phenomena", 1998ASPC..150..338U [ADS](#)
- Verma, V. K., Uddin, W., Gaur, V. P., Joshi, G. C., & Bondal, K. R., "CCD observations of the total solar eclipse of October 24, 1995", 1997KodOB..13...29V [ADS](#)
- Verma, V. K., Uddin, W., & Gaur, V. P., "Development of H alpha Flare Observing System Based on the CCD Camera Time Resolutions of 25 MS", 1997IAUJD..19E..54V [ADS](#)
- Verma, V. K., Uddin, W., & Gaur, V. P., "Development of H alpha Prominence Monitoring System Based on the Fibre-Bonded CCD Camera", 1997IAUJD..19E..53V [ADS](#)
- Verma, V. K., Uddin, W., & Gaur, V. P., "Development of a High Speed CCD Camera System for the Observation of Solar H Flares", 1996JKASS..29..391V [ADS](#)
- Verma, V. K., Uddin, W., Gaur, V. P., et al., "Total solar eclipse observations of 24 October 1995 from Meja Khas, Allahabad", 1996BASI...24..653V [ADS](#)
- Uddin, W. & Verma, V. K., "Eruptive prominence associated with limb flare of 25 January 1991", 1996Ap&SS.243..173U [ADS](#)
- Uddin, W., Verma, V. K., & Pande, M. C., "Recurrent Surge Activity from Active Region NOAA:6368", 1995JApAS..16..387U [ADS](#)
- Verma, V. K. & Pande, M. C., "Study of Solar Flares Observed in Hard X-Ray and Soft X-Ray Emissions", 1995JApAS..16..385V [ADS](#)
- Uddin, W. & Verma, V. K., "Eruptive Prominence Associated with Limb Flare of 1991JAN25", 1995JApAS..16..385U [ADS](#)
- Verma, V. K. & Uddin, W., "Relationship of coronal mass ejections with solar flares, prominences and coronal holes", 1995sowi.confR..98V [ADS](#)
- Verma, V. K. & Joshi, G. C., "On periodicity of solar wind phenomena", 1995sowi.confQ..98V [ADS](#)
- Verma, V. K. & Joshi, G. C., "On the Periodicity of Solar Wind Phenomena", 1995JApAS..16R..387V [ADS](#)
- Verma, V. K. & Uddin, W., "Mass Transfer and Surge Activity of 1993MAY14", 1995JApAS..16Q..387V [ADS](#)
- Verma, V. K. & Joshi, G. C., "On the Occurrence Rate of High Speed Solar Wind Events", 1994SoPh..155..401V [ADS](#)
- Verma, V. K., "On the North-South Asymmetry of Solar Activity Cycles", 1993ApJ...403..797V [ADS](#)
- Verma, V. K., "Study of solar type-II radio bursts and H flares.", 1992IJRSP..21...97V [ADS](#)
- Verma, V. K., Joshi, G. C., & Paliwal, D. C., "Study of Periodicities of Solar Nuclear Gamma-Ray Flares and Sunspots", 1992SoPh..138..205V [ADS](#)
- Verma, V. K., "Coronal mass ejections and their associations with solar flares and coronal holes.", 1992IJRSP..21...64V [ADS](#)
- Verma, V. K., "The Distribution of the North-South Asymmetry for the Various Activity Cycles", 1992ASPC...27..429V [ADS](#)
- Verma, V. K., Joshi, G. C., Uddin, W., & Paliwal, D. C., "Search for a 152-158 days periodicity in the occurrence rate of solar flares inferred from spectral data of radio bursts", 1991A&AS...90..83V [ADS](#)
- Verma, V. K., "The Acceleration of Electrons and Ions in Solar Flares", 1991Ap&SS.183..317V [ADS](#)
- Uddin, W., Pande, M. C., & Verma, V. K., "The Distribution of Sunspots Over the Sun", 1991Ap&SS.181..111U [ADS](#)
- Uddin, W., Pande, M. C., & Verma, V. K., "On the Association of Solar Proton Events with Other Flare Manifestations", 1990BAICz..41..374U [ADS](#)
- Verma, V. K., "Relationship of Coronal Mass Ejection Events with Solar Flares and Coronal Holes", 1990IAUS..142..450V [ADS](#)
- Verma, V. K. & Pande, M. C., "On the association between coronal mass ejections and coronal holes", 1989sasf.confP..239V [ADS](#)

- Verma, V. K., "Microwave, hard X-ray bursts and gamma ray emission bursts from solarflares.", 1988IJRSP..17...45V [ADS](#)
- Verma, V. K., "On the increase of solar activity in the southern hemisphere during solar cycle 21", 1988SoPh..114..185V [ADS](#)
- Verma, V. K. & Pande, M. C., "Spatial locations of type II radio burst regions on the Sun.", 1988IJRSP..17...8V [ADS](#)
- Uddin, W., Pande, M. C., & Verma, V. K., "Possibility of occurrence of solar proton flares in relation to other phenomena.", 1988KodOB...9..223U [ADS](#)
- Verma, V. K. & Joshi, G. C., "On the periodicity of solar great hard X-ray bursts, energetic solar radio bursts and sunspot data.", 1988KodOB...9..215V [ADS](#)
- Verma, V. K., "Microwave and hard X-ray emission bursts during solar flares.", 1987IJRSP..16..384V [ADS](#)
- Verma, V. K. & Joshi, G. C., "On the Periodicities of Sunspots and Solar Strong Hard X-Ray Bursts", 1987SoPh..114..415V [ADS](#)
- Verma, V. K., Pande, M. C., & Uddin, W., "Energetic Flare Zones on the Sun", 1987SoPh..112..341V [ADS](#)
- Verma, V. K., "Relationship of solar gamma ray emissions with microwaves and other radio bursts.", 1987IJRSP..16..281V [ADS](#)
- Verma, V. K., "Relation Between Gamma-Ray and Hard X-Ray Emission Bursts during Solar Flares", 1987BASI...15Q..19V [ADS](#)
- Uddin, W., Pande, M. C., & Verma, V. K., "The Distribution of Sunspots Over the Sun", 1987BASI...15...18U [ADS](#)
- Verma, V. K., "On the increase of solar activity in the Southern Hemisphere during solar cycle 21", 1987SoPh..114..185V [ADS](#)
- Verma, V. K., "On Association of Radio Emission with Solar Surges", 1986SoPh..106..67V [ADS](#)
- Verma, V. K. & Pande, M. C., "Longitudinal Distribution of the Hard X-Ray Bursts on the Sun", 1985SoPh...99..285V [ADS](#)
- Verma, V. K. & Shelke, R. N., "On the dependence of solar flare occurrence on sunspot polarity", 1985BASI...13..243V [ADS](#)
- Verma, V. K., "On the Solar Surge Association with Microwave and Hard X-Ray Emission Bursts", 1985SoPh...97..381V [ADS](#)
- Verma, V. K. & Pande, M. C., "Time delay between H-alpha and soft X-ray emissions during solar flares", 1985BASI...13..148V [ADS](#)
- Verma, V. K. & Pande, M. C., "Time Delay Between H $\alpha$  and Hard X-Ray Emissions during Impulsive Solar Flares", 1985SoPh...97..107V [ADS](#)
- Shelke, R. N. & Verma, V. K., "On the location of solar active longitudes", 1985BASI...13..53S [ADS](#)
- Verma, V. K., "Microwave and hard X-ray emission during solar flare of 19 Oct. 1981.", 1984IJRSP..13..159V [ADS](#)
- Verma, V. K., "Longitudinal Distribution of the Cool Solar Surges", 1984SoPh...94..155V [ADS](#)
- Verma, V. K., "On the activation of a quiescent prominence", 1983BASI...11..159V [ADS](#)
- Verma, V. K., "Quiescent prominence of 1981 November 27.", 1983BASI...11..91V [ADS](#)
- Verma, V. K., "Twisted Surge of 1981DEC25", 1983BASI...11..70V [ADS](#)
- Verma, V. K. & Pande, M. C., "Double Ribbon Flare of 1981OCT19", 1983BASI...11..38V [ADS](#)
- Verma, V. K. & Pande, M. C., "Surge Prominence of 1981NOV19", 1982BASI...10..211V [ADS](#)