

Preliminary data on solar extreme ultraviolet radiation

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Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Interaction of West Ford Needles with Earth's Magnetosphere. <i>Nature</i> , 1961, 192, 303-306. | 27.8 | 10 |
| 2 | OBSERVATIONS OF TWILIGHT AND SUNLIT AURORA. <i>Canadian Journal of Physics</i> , 1962, 40, 1370-1384. | 1.1 | 14 |
| 3 | Photoionization rates in the <i>E</i> and <i>F</i> regions: 2.. <i>Journal of Geophysical Research</i> , 1962, 67, 3373-3392. | 3.3 | 37 |
| 4 | On Burkard's <i>F</i> -Region Ionization Model. <i>Journal of Geophysical Research</i> , 1962, 67, 4923-4925. | 3.3 | 2 |
| 5 | The formation of the daytime peak of the ionospheric F2-layer. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1962, 24, 503-519. | 0.9 | 31 |
| 6 | The Lyman- α Problem and the Geocoma Hypothesis. <i>Nature</i> , 1962, 195, 894-895. | 27.8 | 14 |
| 7 | Photoelectric screening of bodies in interplanetary space. <i>Icarus</i> , 1962, 1, 7-12. | 2.5 | 47 |
| 8 | Electrostatic dust transport on the lunar surface. <i>Icarus</i> , 1962, 1, 112-120. | 2.5 | 64 |
| 9 | Photoelectric spectrophotometry of solar extreme ultraviolet radiation. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 1962, 2, 561-570. | 2.3 | 1 |
| 10 | The production of N ₂ ⁺ in the atmosphere. <i>Planetary and Space Science</i> , 1963, 10, 37-45. | 1.7 | 18 |
| 11 | Helium in the upper atmosphere. <i>Planetary and Space Science</i> , 1963, 10, 73-77. | 1.7 | 19 |
| 12 | Preliminary report on machine upper atmosphere model calculations for the Earth. <i>Planetary and Space Science</i> , 1963, 11, 1125. | 1.7 | 0 |
| 13 | A note on Rayleigh and Raman scattered Lyman- α radiation from Jupiter and Saturn. <i>Planetary and Space Science</i> , 1963, 11, 725-726. | 1.7 | 5 |
| 14 | Fluorescence of solar ionizing radiation. <i>Planetary and Space Science</i> , 1963, 11, 727-728. | 1.7 | 27 |
| 15 | The lunar atmosphere and the solar wind. <i>Icarus</i> , 1963, 2, 233-248. | 2.5 | 23 |
| 16 | Interplanetary Gas VIII. On the importance of radiative losses. <i>Icarus</i> , 1963, 2, 411-422. | 2.5 | 5 |
| 17 | Diurnal variation of the atmosphere around 190 kilometers derived from solar extreme ultraviolet absorption measurements. <i>Journal of Geophysical Research</i> , 1963, 68, 6413-6417. | 3.3 | 25 |
| 18 | Auroral dissociation of molecular oxygen in the polar mesosphere. <i>Journal of Geophysical Research</i> , 1963, 68, 185-197. | 3.3 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Experimental tests for the acceleration of trapped particles. Journal of Geophysical Research, 1963, 68, 371-386. | 3.3 | 5 |
| 20 | Variations in the Earth's Upper Atmosphere as Revealed by Satellite Drag. Reviews of Modern Physics, 1963, 35, 973-991. | 45.6 | 41 |
| 21 | The prediction of satellite orbits. , 1963, , 257-312. | | 18 |
| 22 | On the interpretation of the solar ultraviolet emission line spectrum. Space Science Reviews, 1964, 3, 816. | 8.1 | 142 |
| 23 | Influence of solar activity on the earth's upper atmosphere. Planetary and Space Science, 1964, 12, 355-378. | 1.7 | 25 |
| 24 | The solar extreme ultraviolet radiation (1â€“400 Å..). Planetary and Space Science, 1964, 12, 379-391. | 1.7 | 15 |
| 25 | Fast photoelectrons and helium emission in the upper atmosphere. Planetary and Space Science, 1964, 12, 91-92. | 1.7 | 4 |
| 26 | Atmospheric density variations at altitudes over 200 km. Planetary and Space Science, 1964, 12, 1111-1120. | 1.7 | 0 |
| 27 | Measurement of X-ray and ultra-violet radiation by thermo-luminescent phosphor, CaSO ₄ (Mn). Planetary and Space Science, 1964, 12, 167-174. | 1.7 | 4 |
| 28 | The upper atmosphere of Jupiter. Icarus, 1964, 3, 311-322. | 2.5 | 53 |
| 29 | Interplanetary gas. Icarus, 1964, 3, 253-263. | 2.5 | 15 |
| 30 | A study of the 6300 a oxygen line in the day airglow. Journal of Geophysical Research, 1964, 69, 3245-3255. | 3.3 | 32 |
| 31 | Chapter 4 The Sun's Radiation and the Upper Atmosphere. International Geophysics, 1965, , 119-175. | 0.6 | 0 |
| 32 | Chapter 7 Radiative Processes and Heat Transfer. International Geophysics, 1965, 8, 279-316. | 0.6 | 0 |
| 33 | The Green Line of Atomic Oxygen in the Day Airglow. Journals of the Atmospheric Sciences, 1965, 22, 361-369. | 1.7 | 21 |
| 34 | The fluorescence of solar ionizing radiation. Planetary and Space Science, 1965, 13, 947-957. | 1.7 | 48 |
| 35 | Preliminary experiments for the study of the interplanetary medium by the release of metal vapour in the upper atmosphere. Planetary and Space Science, 1965, 13, 95-114. | 1.7 | 34 |
| 36 | Airglow. Space Science Reviews, 1965, 4, 176-198. | 8.1 | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Absolute intensity measurements in the extreme ultraviolet spectrum of solar radiation. Space Science Reviews, 1965, 4, 461. | 8.1 | 81 |
| 38 | The extreme Ultraviolet emission from the Sun between the Lyman-alpha lines of H I and C VI. Symposium - International Astronomical Union, 1965, 23, 5-23. | 0.1 | 1 |
| 39 | Laboratory data on atomic spectra for extreme ultra-violet solar spectroscopy. Symposium - International Astronomical Union, 1965, 23, 25-26. | 0.1 | 1 |
| 40 | Photoelectric screening of objects moving in an ionized medium.. AIAA Journal, 1965, 3, 2337-2339. | 2.6 | 0 |
| 41 | Some results in the theory of almost axisymmetric flow at transonic speed.. AIAA Journal, 1965, 3, 2339-2341. | 2.6 | 10 |
| 42 | The electromagnetic propagation characteristics of venus and mars. Proceedings of the IEEE, 1965, 53, 1216-1221. | 21.3 | 1 |
| 43 | Improved extreme ultraviolet absorption measurements in the upper atmosphere. Journal of Geophysical Research, 1965, 70, 105-111. | 3.3 | 35 |
| 44 | Dynamical heating of the upper atmosphere. Journal of Geophysical Research, 1965, 70, 177-183. | 3.3 | 197 |
| 45 | Long-term variation of solar extreme ultraviolet fluxes. Journal of Geophysical Research, 1965, 70, 2241-2242. | 3.3 | 16 |
| 46 | Chemical processes involving helium ions and the behavior of atomic nitrogen ions in the upper atmosphere. Journal of Geophysical Research, 1966, 71, 1508-1511. | 3.3 | 26 |
| 47 | The Earth's Dust Belt: Fact or fiction?: 1. Forces perturbing dust particle motion. Journal of Geophysical Research, 1966, 71, 5695-5704. | 3.3 | 49 |
| 48 | Dynamics of Interplanetary Dust. Science, 1966, 151, 35-44. | 12.6 | 48 |
| 49 | 5 The Mesosphere. International Geophysics, 1966, , 285-351. | 0.6 | 0 |
| 50 | The atmosphere of Mercury. Space Science Reviews, 1966, 5, 565-584. | 8.1 | 18 |
| 51 | Techniques for rocket solar UV and for UV spectroscopy. Space Science Reviews, 1966, 5, 234. | 8.1 | 8 |
| 52 | On ejection of neutral hydrogen from the sun and the terrestrial consequences. Planetary and Space Science, 1966, 14, 95-105. | 1.7 | 32 |
| 53 | Discussion of letter by S. J. Bauer, "Chemical processes involving helium ions and the behavior of atomic nitrogen ions in the upper atmosphere". Journal of Geophysical Research, 1967, 72, 2463-2464. | 3.3 | 2 |
| 54 | The Neutral Atmosphere and the Quiet Ionosphere. International Geophysics, 1967, 11, 509-559. | 0.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | The solar corona above active regions: A comparison of extreme ultraviolet line emission with radio emission. <i>Solar Physics</i> , 1967, 2, 294-315. | 2.5 | 25 |
| 56 | Upper limits to the 304- and 584-A night helium glow. <i>Journal of Geophysical Research</i> , 1968, 73, 1107-1111. | 3.3 | 11 |
| 57 | 5 Direct Solar Radiation. <i>International Geophysics</i> , 1969, , 217-362. | 0.6 | 2 |
| 58 | Photon heating of the atmosphere at F-region heights. <i>Planetary and Space Science</i> , 1970, 18, 1745-1751. | 1.7 | 0 |
| 59 | Ammonia release experiments in the high atmosphere and dissociation processes in comets. <i>Icarus</i> , 1970, 12, 238-248. | 2.5 | 2 |
| 60 | Lifetime Measurements in Si II, Si III, and Si IV. <i>Physica Scripta</i> , 1971, 3, 125-132. | 2.5 | 82 |
| 61 | Heavy ions from interplanetary dust. <i>Journal of Geophysical Research</i> , 1972, 77, 1713-1719. | 3.3 | 1 |
| 62 | The radiative transfer problem in freely expanding gaseous clouds and its application to barium cloud experiments. <i>Planetary and Space Science</i> , 1972, 20, 663-682. | 1.7 | 26 |
| 63 | Dynamical heating of the upper atmosphere. <i>Geophysical Monograph Series</i> , 1974, , 741-757. | 0.1 | 4 |
| 64 | Solar ionizing radiation. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1974, 36, 2245-2253. | 0.9 | 0 |
| 65 | Recent Progress in the Classification of the Spectra of Highly Ionized Atoms. <i>Advances in Atomic and Molecular Physics</i> , 1974, 10, 223-293. | 2.0 | 32 |
| 66 | Today's knowledge of the solar EUV output and the future needs for more accurate measurements for aeronomy. <i>Planetary and Space Science</i> , 1978, 26, 347-353. | 1.7 | 17 |
| 67 | Solar irradiance below 120 nm and its variations. <i>Solar Physics</i> , 1981, 74, 251-263. | 2.5 | 9 |
| 68 | Alexander Dalgarno Contributions to Aeronomy. <i>Advances in Atomic and Molecular Physics</i> , 1989, , 23-28. | 2.0 | 1 |
| 69 | Role of highly-charged ions in astrophysical and laboratory plasmas. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1991, 21, S1-S5. | 1.0 | 12 |
| 70 | Dust Levitation on Asteroids. <i>Icarus</i> , 1996, 124, 181-194. | 2.5 | 150 |
| 71 | Thermal Diffusion and Multiply-Charged Atoms in the Magnetosphere. <i>Geophysical Journal of the Royal Astronomical Society</i> , 2007, 15, 163-181. | 0.2 | 11 |
| 72 | The Structure of the Thermosphere and Its Variations. , 1968, , 72-81. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Modelling of the Solar Extreme Ultraviolet Irradiance for Aeronomic Applications. Handbuch Der Physik, 1984, , 1-55. | 0.1 | 12 |
| 74 | The Lunar Electronosphere and Implications for Erosion on the Moon. Astrophysics and Space Science Library, 1973, , 521-544. | 2.7 | 3 |
| 75 | Solar Radiation and Photoionization. , 1973, , 131-166. | | 2 |
| 76 | Prediction of Solar Emission Lines in the Short-Wave Region of the Spectrum. , 1963, , 59-88. | | 1 |
| 77 | Upper Atmospheric Dynamics. , 1972, , 1-36. | | 1 |
| 78 | An intensity monitor for solar hydrogen Lyman-ALPHA. radiation (TAIYO SXU).. Journal of Geomagnetism and Geoelectricity, 1975, 27, 279-294. | 0.9 | 4 |
| 79 | Ionization of the Upper Atmosphere by Solar Extreme Ultraviolet. , 1964, , 131-145. | | 0 |
| 80 | Rocket Spectra of the Chromosphere. Astrophysics and Space Science Library, 1965, , 179-205. | 2.7 | 2 |
| 81 | Interplanetary Plasma. Astrophysics and Space Science Library, 1965, , 181-209. | 2.7 | 1 |
| 82 | Rocket Spectra of the Chromosphere. Astrophysics and Space Science Library, 1965, , 179-205. | 2.7 | 0 |
| 83 | OBSERVATIONAL ASPECTS OF THE CORONA. , 1966, , 56-92. | | 0 |
| 84 | General Outline of Elementary Processes in the Ionosphere. , 1970, , 25-54. | | 0 |
| 85 | The upper atmosphere of the earth. , 1976, , 45-69. | | 1 |
| 86 | Modelling of the Solar Extreme Ultraviolet Irradiance for Aeronomic Applications. Handbuch Der Physik, 1984, , 1844-1898. | 0.1 | 0 |
| 87 | Role of highly-charged ions in astrophysical and laboratory plasmas. , 1991, , 1-5. | | 0 |
| 88 | Discussion of atmospheric heat sources based on the analysis of satellite drag data. , 1963, , 143-157. | | 1 |
| 89 | Astronautical Investigations of the Sun. Advances in Space Science and Technology, 1963, , 1-20. | 0.2 | 0 |