

# Publications by S. Chandrasekhar

## PAPERS

### 1928

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### 1929

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### 1930

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### 1931

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The Maximum Mass of Ideal White Dwarfs. *The Astrophysical Journal* **74**, 81–82.

The Stellar Coefficients of Absorption and Opacity. *Proceedings of the Royal Society, A*, **133**, 241–54.

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### 1932

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### 1934

The Radiative Equilibrium of Extended Stellar Atmospheres. *Monthly Notices of the Royal Astronomical Society* **94**, 444–58.

On the Hypothesis of the Radial Ejection of High-Speed Atoms for the Wolf-Rayet Stars and the Novae. *Monthly Notices of the Royal Astronomical Society* **94**, 522–38.

The Solar Chromosphere (second paper). *Monthly Notices of the Royal Astronomical Society* **94**, 726–37.

The Relation between the Chromosphere and the Prominences. *The Observatory* **57**, 65–68.

The Physical State of Matter in the Interior of Stars. *The Observatory* **57**, 93–99.

The Radiative Equilibrium of Extended Stellar Atmospheres. *The Observatory* **57**, 225–27.

Stellar Configurations with Degenerate Cores. *The Observatory* **57**, 373–77.

An Analysis of the Problems of the Stellar Atmospheres. *Astronomical Journal of the Soviet Union* **11**, 550–96.

The Stellar Coefficient of Absorption. *Zeitschrift für Astrophysik* **8**, 167.

### 1935

The Highly Collapsed Configurations of a Stellar Mass (second paper). *Monthly Notices of the Royal Astronomical Society* **95**, 207–25.

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### 1936

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On the Distribution of the Absorbing Atoms in the Reversing Layers of Stars and the Formation of Blended Absorption Lines (with P. Swings). *Monthly Notices of the Royal Astronomical Society* **97**, 24–37.

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### 1937

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A Note on the Perturbation Theory for Distorted Stellar Configurations (with W. Krogdahl). *The Astrophysical Journal* **96**, 151-54.

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#### **1945**

Ralph Howard Fowler, 1889–1944. *The Astrophysical Journal* **101**, 1–5.

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**1948**

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**1949**

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**1951**

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#### 1954

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On the Pulsation of a Star in which there is a Prevalent Magnetic Field (with D. N. Limber). *The Astrophysical Journal* **119**, 10–13.

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### 1955

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