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Books

1. **"Renal Physiology"** (by Bruce M. Koeppen, Bruce A. Stanton)
    - **Category**: Textbook
    - **Rating**: ★★★★★
    - **Description**: This is part of the "Mosby Physiology Series" and is a well-structured textbook that explains kidney functions in an easy-to-understand manner. It covers fluid and electrolyte balance, renal function tests, and clinical correlations.
    - **Level**: Beginner to intermediate.
2. **"The Kidney: Physiology and Pathophysiology"** (by Donald W. Seldin, Gerhard H. Giebisch)
    - **Category**: Comprehensive Reference
    - **Rating**: ★★★★★
    - **Description**: A detailed two-volume reference set that covers every aspect of kidney physiology, including molecular mechanisms and the pathophysiology of kidney diseases.
    - **Level**: Advanced.
3. **"Vander's Renal Physiology"** (by Douglas C. Eaton, John Pooler)
    - **Category**: Textbook
    - **Rating**: ★★★★★
    - **Description**: This book is well-regarded for its clear explanations of renal function, especially with a clinical focus. It includes many diagrams and real-world applications to make the concepts easier to grasp.
    - **Level**: Beginner to intermediate.
4. **"Clinical Physiology of Acid-Base and Electrolyte Disorders"** (by Burton David Rose, Theodore W. Post)
    - **Category**: Clinical Reference
    - **Rating**: ★★★★☆
    - **Description**: While primarily focused on acid-base balance and electrolyte disorders, this book offers an in-depth discussion of renal physiology and how kidneys regulate these parameters.
    - **Level**: Intermediate.

Articles

1. **"Mechanisms of Glomerular Filtration"** (published in Nature Reviews Nephrology)
    - **Category**: Review Article
    - **Rating**: ★★★★★
    - **Description**: This article dives into the specifics of how glomerular filtration works, including the role of various molecular pathways and factors that influence filtration rate.
    - **URL**: Nature Reviews Nephrology
2. **"Renal Physiology in Hypertension"** (published in The Journal of Clinical Investigation)