

## **List of E-Resources on PHYSICS**

Following are the e-resources relating to Physics subscribed by the Library during 2023.  
These are hyperlinked and can be accessed directly.

### **MAJOR E-RESOURCES**

#### **1. American Institute of Physics (AIP) Journals**

- AIP Advances (Open Access)
- AIP Conference Proceedings
- [American Journal of Physics](#)
- Applied Physics Letters
- APL Bioengineering (Open Access)
- APL Machine Learning (Open Access)
- APL Materials (Open Access)
- APL Photonics (Open Access)
- Biomicrofluids
- Chaos: An Interdisciplinary Journal of Nonlinear Science
- Journal of Acoustical Society of America
- Journal of Applied Physics
- Journal of Mathematical Physics
- Journal of Physical and Chemical Reference Data
- Journal of Rheology
- Journal of Vacuum Science & Technology A
- Journal of Vacuum Science & Technology B
- Low Temperature Physics
- Matter and Radiation at Extremes (Open Access)
- Physics of Fluids
- Physics of Plasmas
- Physics Today
- Review of Scientific Instruments
- Surface Science Spectra
- The Journal of Chemical Physics
- The Physics Teacher

#### **2. American Physical Society (APS) Journals include all PROLA Journals**

#### **3. Annual Reviews Collection**

- Annual Review of Astronomy and Astrophysics
- Annual Review of Biophysics
- Annual Review of Condensed Matter Physics
- Annual Review of Nuclear and Particle Science

#### **4. IOP Science**

- Classical and Quantum Gravity

- Journal of Statistical Mechanics: Theory and Experiment
- Reports on Progress in Physics
- Advances in Natural Sciences: Nanoscience and Nanotechnology (Free access)
- Distributed Systems Engineering(Free access)
- Environmental Research Letters (Free access)
- IOP Conference Series: Earth and Environmental Science(Free access)
- IOP Conference Series: Materials Science and Engineering(Free access)
- Journal of High Energy Physics(Free access)
- Journal of Physics: Conference Series(Free access)
- New Journal of Physics (Free access)
- Physics World (Print Only)

5. Nature Journals

- Nature (Main Title)
- Scientific American

6. [OpticsInfoBase - OSA's Digital Library \(20 Journals + 6 Legacy Journals\)](#)

7. Oxford University Press Journals

- [Monthly Notices of the Royal Astronomical Society: Letters](#)
- Progress of Theoretical Physics
- Progress of Theoretical Physics Supplement
- Progress of Theoretical and Experimental Physics
- [Publications of the Astronomical Society of Japan](#)
- [RAS Techniques and Instruments](#)

8. [Proceedings of the National Academy of Sciences \(PNAS\)](#)

9. Science (online) Magazine

10. ScienceDirect (30 Core Journals + 5 Subject Collections i.e. Biochemistry, Genetics and Molecular Biology, Chemical Engineering, Chemistry, Engineering, Physics and Astronomy,)

- Physics and Astronomy (179 Journals)

11. Springer Link

- [Physics](#) (192)

**INDIVIDUAL TITLES (Print plus Online)**

- Bhartiya Vaigyanic Evam Audhyogik Anusandhan Patrika (Print+Online)
- Current Science (Print+Online)

- Everyman's Science (Print+Online)
- Materials Chemistry and Physics(Online)
- New Scientist (Print+Online)
- Resonance: Journal of Science Education
- Science Reporter (Print+Online)

#### **BIBLIOGRAPHIC DATABASES**

- J-Gate Custom Content for Consortium (JCCC)
- Scopus
- Web of Science

#### **EBOOKS**

- e-Book Engineering Core (EBSCO)
- EOLSS - Encyclopedia Life Support Systems (UNESCO)
- McGraw Hill Access Engineering
- [Open Textbooks](#)
- World eBook Library