

Here are some recent review articles you might find interesting, and you might consider writing a term-paper on one of these topics:

***A) Annual Review of Nuclear and Particle Sciences***

**1) On the Properties of Neutrinos**

A. Baha Balantekin and Boris Kayser

Vol. 68, 2018, pp. 313–338

**2) Dark Matter Searches at Colliders**

Antonio Boveia and Caterina Doglioni

Vol. 68, 2018, pp. 429–459

**3) Neutrinoless Double-Beta Decay: Status and Prospects**

Michelle J. Dolinski, Alan W.P. Poon, Werner Rodejohann

Vol. 69, 2019

**4) Neutrino Physics with Dark Matter Detectors**

Bhaskar Dutta and Louis E. Strigari

Vol. 69, 2019

**5) eV-Scale Sterile Neutrinos**

Carlo Giunti and Thierry Lasserre

Vol. 69, 2019

## **6) Neutrino Emission as Diagnostics of Core-Collapse Supernovae**

B. Müller

Vol. 69, 2019

## **7) Astrophysical Sources of High-Energy Neutrinos in the IceCube Era**

P. Mészáros

Vol. 67, 2017, pp. 45–67

## **8) Reactor Neutrino Experiments: Present and Future**

L.J. Wen, J. Cao, and Y.F. Wang

Vol. 67, 2017, pp. 183–211

## **9) Long-Baseline Neutrino Experiments**

M.V. Diwan, V. Galymov, X. Qian, A. Rubbia

Vol. 66, 2016, pp. 47–71

## **10) Neutrino Mass Models**

André de Gouvêa

Vol. 66, 2016, pp. 197–217

## **11) Neutrino Physics from the Cosmic Microwave Background and Large-Scale Structure**

Kevork N. Abazajian and Manoj Kaplinghat

Vol. 66, 2016, pp. 401–420

## **12) Prospects for Measurement of the Neutrino Mass Hierarchy**

R.B. Patterson

Vol. 65, 2015, pp. 177–192

## **13) The Measurement of Neutrino Properties with Atmospheric Neutrinos**

Takaaki Kajita

Vol. 64, 2014, pp. 343–362

## **B) Progress in Particle and Nuclear Physics**

### **1) Sterile neutrino Dark Matter**

A. Boyarsky, M. Drewes, T. Lasserre, S. Mertens, O. Ruchayskiy

Progress in Particle and Nuclear Physics 104 (2019) 1–45

### **2) New physics searches in nuclear and neutron $\beta$ decay**

M. González-Alonso, O. Naviliat-Cuncic, N. Severijns

Progress in Particle and Nuclear Physics 104 (2019) 165–223

### **3) Current unknowns in the three-neutrino framework**

F. Capozzi, E. Lisi, A. Marrone, A. Palazzo

Progress in Particle and Nuclear Physics 102 (2018) 48–72

#### **4) Neutrino oscillations: The rise of the PMNS paradigm**

C. Giganti, S. Lavignac, M. Zito

Progress in Particle and Nuclear Physics 98 (2018) 1–54

#### **5) Interactions of neutrinos with matter**

F. Vannucci

Progress in Particle and Nuclear Physics 95 (2017) 1–47

#### **6) Unified models of neutrinos, flavour and CP Violation**

S.F. King

Progress in Particle and Nuclear Physics 94 (2017) 217-256

#### **7) Solar neutrinos**

Aldo Ianni

Progress in Particle and Nuclear Physics 94 (2017) 257-281