

# Relevant Articles

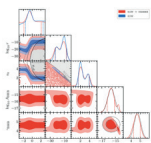
# 2021-2023



ZIENTZIA  
ETA TEKNOLOGIA  
FAKULTATEA  
FACULTAD  
DE CIENCIA  
Y TECNOLOGÍA

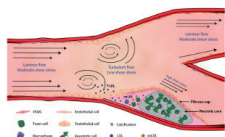
**50 URTE ANOS**  
1968 - 2018  
**Biba Zientzia!**  
Ciencia Viva

## Most cited articles



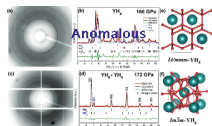
**The NANOGrav 15 yr Data Set: Search for Signals from New Physics**

*Astrophys. J. Lett.* **951** (2023) L11  
DOI: 10.3847/2041-8213/acdc91



**Pathophysiology of Atherosclerosis**

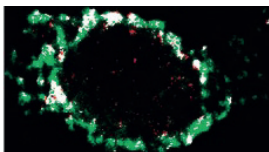
*Int. J. Mol. Sci.* **23** (2022) 3346  
DOI: 10.3390/ijms23063346



**Anomalous High-Temperature Superconductivity in YH6**

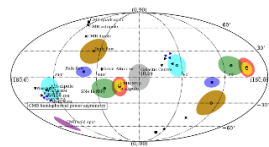
*Adv. Mater.* **33** (2021) 2006832  
DOI: 10.1002/adma.202006832

## Most cited reviews



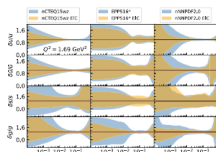
**Guidelines for the use and interpretation of assays for monitoring autophagy**

*Autophagy* **17** (2021) 1  
DOI: 10.1080/15548627.2020.1797280



**Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies**

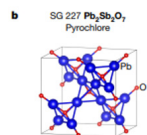
*J. High En. Astrophys.* **2204** (2022)002  
DOI: 10.1016/j.jhep.2022.04.002



**Science Requirements and Detector Concepts for the Electron-Ion Collider**

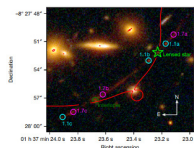
*Nuclear Physics* **7** (2022)  
DOI: 10.1016/j.nuclphysa.2022.122447

## Articles published in journals with an IF $\geq 45$



**Catalogue of flat-band stoichiometric materials**

*Nature* **603** (2022) 824  
DOI: 10.1038/s41586-022-04519-1



**A highly magnified star at redshift 6.2**

*Nature* **603** (2022) 815  
DOI: 10.1038/s41586-022-04449-y



**Unearthing Neanderthal population history using nuclear and mitochondrial DNA from cave sediments**

*Science* **372** (2021) 590  
DOI: 10.1126/science.abf1667

## RESEARCH REPORT

### 2021-2023 TRIENNIUM • ZTF-FCT



 Teaching and  
Research Staff  
**775**

 ERC  
**2**

 Articles JCR  
**2437**


 Projects  
**636**

 Contracts with  
companies  
**335**

 Average  
impact of  
articles  
(JCR)

 Return of  
investment  
**€ 44 millon**

 Startups  
**6**

 **5'94**  
*Impact:  
n° of articles  
≥ 50 citations*

 Patents  
**39**

 PhD theses  
**269**

**59**  
\*Information accessed on 10/09/2024

 Highly Cited Researchers  
**1**