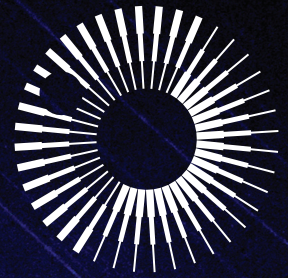


Volume 520 • Number 3  
11 April 2023  
ISSN 1365-2966 (online)



Royal  
Astronomical  
Society

# Monthly Notices

of the Royal Astronomical Society

[academic.oup.com/mnras](https://academic.oup.com/mnras)

OXFORD  
UNIVERSITY PRESS