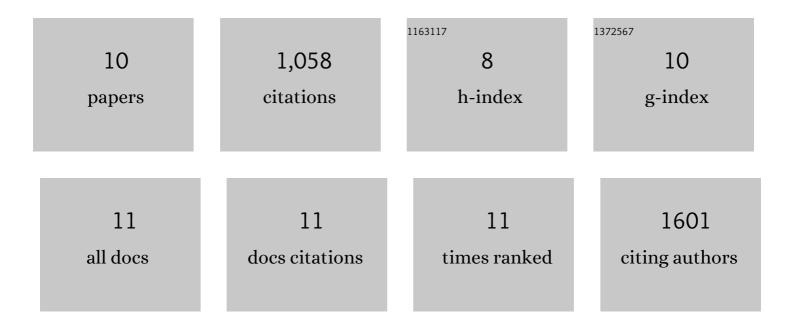
## David C Nicholls

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7608623/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Understanding Galaxy Evolution Through Emission Lines. Annual Review of Astronomy and Astrophysics, 2019, 57, 511-570.	24.3	281
2	NEW STRONG-LINE ABUNDANCE DIAGNOSTICS FOR H II REGIONS: EFFECTS OF κ-DISTRIBUTED ELECTRON ENERGIES AND NEW ATOMIC DATA. Astrophysical Journal, Supplement Series, 2013, 208, 10.	7.7	238
3	Chemical abundances in high-redshift galaxies: a powerful new emission line diagnostic. Astrophysics and Space Science, 2016, 361, 1.	1.4	189
4	RESOLVING THE ELECTRON TEMPERATURE DISCREPANCIES IN H II REGIONS AND PLANETARY NEBULAE: κ-DISTRIBUTED ELECTRONS. Astrophysical Journal, 2012, 752, 148.	4.5	171
5	Theoretical ISM Pressure and Electron Density Diagnostics for Local and High-redshift Galaxies. Astrophysical Journal, 2019, 880, 16.	4.5	60
6	Abundance scaling in stars, nebulae and galaxies. Monthly Notices of the Royal Astronomical Society, 0, , stw3235.	4.4	51
7	Calibrating Interstellar Abundances Using Supernova Remnant Radiative Shocks. Astronomical Journal, 2019, 157, 50.	4.7	31
8	Comparison of Theoretical Starburst Photoionization Models for Optical Diagnostics. Astrophysical Journal, 2019, 878, 2.	4.5	18
9	Estimating Electron Temperatures in Ionized Nebulae: The Direct Method and its Limitations. Publications of the Astronomical Society of the Pacific, 2020, 132, 033001.	3.1	15
10	THE DISCOVERY OF RAMAN SCATTERING IN H II REGIONS. Astrophysical Journal Letters, 2016, 824, L13.	8.3	3