

# Daniel T Haydon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4218106/publications.pdf>

Version: 2024-02-01

7  
papers

512  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

619  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and inefficient star formation due to short-lived molecular clouds and rapid feedback. <i>Nature</i> , 2019, 569, 519-522.	27.8	178
2	The lifecycle of molecular clouds in nearby star-forming disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2872-2909.	4.4	178
3	An uncertainty principle for star formation â€” II. A new method for characterizing the cloud-scale physics of star formation and feedback across cosmic history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1866-1952.	4.4	71
4	A fundamental test for stellar feedback recipes in galaxy simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1717-1728.	4.4	40
5	An uncertainty principle for star formation â€” III. The characteristic emission time-scales of star formation rate tracers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 235-257.	4.4	22
6	An uncertainty principle for star formation â€” IV. On the nature and filtering of diffuse emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2800-2824.	4.4	17
7	An uncertainty principle for star formation â€” V. The influence of dust extinction on star formation rate tracer lifetimes and the inferred molecular cloud lifecycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5076-5089.	4.4	6