

Daniel Mentiplay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5041778/publications.pdf>

Version: 2024-02-01

12
papers

1,041
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

816
citing authors

#	ARTICLE	IF	CITATIONS
1	Flybys in protoplanetary discs – II. Observational signatures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 504-514.	4.4	51
2	Nine Localized Deviations from Keplerian Rotation in the DSHARP Circumstellar Disks: Kinematic Evidence for Protoplanets Carving the Gaps. <i>Astrophysical Journal Letters</i> , 2020, 890, L9.	8.3	116
3	A smoothed particle hydrodynamics algorithm for multigrain dust with separate sets of particles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3806-3818.	4.4	3
4	Kinematic detection of a planet carving a gap in a protoplanetary disk. <i>Nature Astronomy</i> , 2019, 3, 1109-1114.	10.1	124
5	Flybys in protoplanetary discs: I. Gas and dust dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4114-4139.	4.4	85
6	Super-Earths in the TWÂHya disc. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 484, L130-L135.	3.3	16
7	Scattered light shadows in warped protoplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4951-4962.	4.4	33
8	Plonk: Smoothed particle hydrodynamics analysis and visualization with Python. <i>Journal of Open Source Software</i> , 2019, 4, 1884.	4.6	7
9	Circumbinary, not transitional: on the spiral arms, cavity, shadows, fast radial flows, streamers, and horseshoe in the HD142527 disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1270-1284.	4.4	122
10	Publisher Note: Circumbinary, not transitional: On the spiral arms, cavity, shadows, fast radial flows, streamers and horseshoe in the HD142527 disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3169-3169.	4.4	3
11	<scp>Phantom</scp>: A Smoothed Particle Hydrodynamics and Magnetohydrodynamics Code for Astrophysics. <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, .	3.4	267
12	Kinematic Evidence for an Embedded Protoplanet in a Circumstellar Disk. <i>Astrophysical Journal Letters</i> , 2018, 860, L13.	8.3	214