

# Mohamad Ali-Dib

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5570126/publications.pdf>

Version: 2024-02-01

18  
papers

584  
citations

840776

11  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

936  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lunar crater identification via deep learning. <i>Icarus</i> , 2019, 317, 27-38.	2.5	103
2	CARBON-RICH PLANET FORMATION IN A SOLAR COMPOSITION DISK. <i>Astrophysical Journal</i> , 2014, 785, 125.	4.5	77
3	A MACHINE LEARNS TO PREDICT THE STABILITY OF TIGHTLY PACKED PLANETARY SYSTEMS. <i>Astrophysical Journal Letters</i> , 2016, 832, L22.	8.3	70
4	THE MEASURED COMPOSITIONS OF URANUS AND NEPTUNE FROM THEIR FORMATION ON THE CO ICE LINE. <i>Astrophysical Journal</i> , 2014, 793, 9.	4.5	63
5	Methane Clathrates in the Solar System. <i>Astrobiology</i> , 2015, 15, 308-326.	3.0	62
6	Disentangling hot Jupiters formation location from their chemical composition. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 2845-2854.	4.4	45
7	The origin of the occurrence rate profile of gas giants inside 100AU. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 5016-5022.	4.4	28
8	The imprint of the protoplanetary disc in the accretion of super-Earth envelopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2440-2448.	4.4	25
9	Automated crater shape retrieval using weakly-supervised deep learning. <i>Icarus</i> , 2020, 345, 113749.	2.5	23
10	NEW INSIGHTS ON SATURN'S FORMATION FROM ITS NITROGEN ISOTOPIC COMPOSITION. <i>Astrophysical Journal Letters</i> , 2014, 796, L28.	8.3	22
11	Possible formation pathways for the low-density Neptune-mass planet HAT-P-26b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1325-1331.	4.4	22
12	Secular Transport during Disk Dispersal: The Case of Kepler-419. <i>Astronomical Journal</i> , 2019, 157, 5.	4.7	20
13	Limits on Protoplanet Growth by Accretion of Small Solids. <i>Astrophysical Journal</i> , 2020, 900, 96.	4.5	11
14	The effect of late giant collisions on the atmospheres of protoplanets and the formation of cold sub-Saturns. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1413-1431.	4.4	5
15	The Rarity of Very Red Trans-Neptunian Objects in the Scattered Disk. <i>Astronomical Journal</i> , 2021, 162, 19.	4.7	4
16	Constraining protoplanetary discs with exoplanetary dynamics: Kepler-419 as an example. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 106-115.	4.4	2
17	What is Neptune's D/H ratio really telling us about its water abundance?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 1169-1173.	4.4	1
18	Using artificial intelligence and real galaxy images to constrain parameters in galaxy formation simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2135-2141.	4.4	1