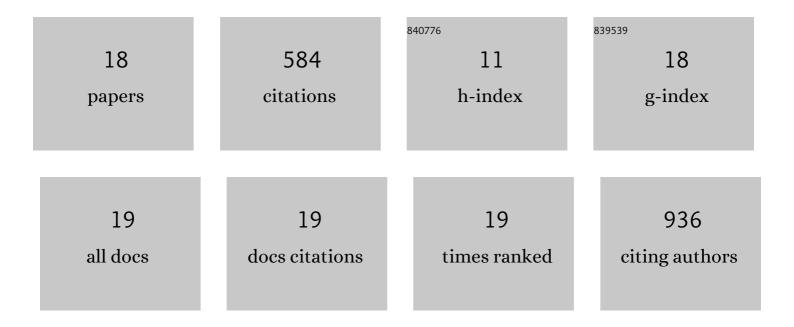
Mohamad Ali-Dib

List of Publications by Year in descending order

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