

Mohamad Ali-Dib

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

584
citations

840776

11
h-index

839539

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19
all docs

19
docs citations

19
times ranked

936
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | The Rarity of Very Red Trans-Neptunian Objects in the Scattered Disk. Astronomical Journal, 2021, 162, 19. | 4.7 | 4 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Automated crater shape retrieval using weakly-supervised deep learning. Icarus, 2020, 345, 113749. | 2.5 | 23 |
| 7 | Limits on Protoplanet Growth by Accretion of Small Solids. Astrophysical Journal, 2020, 900, 96. | 4.5 | 11 |
| 8 | Lunar crater identification via deep learning. Icarus, 2019, 317, 27-38. | 2.5 | 103 |
| 9 | Secular Transport during Disk Dispersal: The Case of Kepler-419. Astronomical Journal, 2019, 157, 5. | 4.7 | 20 |
| 10 | 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 |
| 11 | 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 |
| 12 | The origin of the occurrence rate profile of gas giants inside 100 AU. Monthly Notices of the Royal Astronomical Society, 2017, 469, 5016-5022. | 4.4 | 28 |
| 13 | Disentangling hot Jupiters formation location from their chemical composition. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2845-2854. | 4.4 | 45 |
| 14 | A MACHINE LEARNS TO PREDICT THE STABILITY OF TIGHTLY PACKED PLANETARY SYSTEMS. Astrophysical Journal Letters, 2016, 832, L22. | 8.3 | 70 |
| 15 | Methane Clathrates in the Solar System. Astrobiology, 2015, 15, 308-326. | 3.0 | 62 |
| 16 | NEW INSIGHTS ON SATURN'S FORMATION FROM ITS NITROGEN ISOTOPIC COMPOSITION. Astrophysical Journal Letters, 2014, 796, L28. | 8.3 | 22 |
| 17 | CARBON-RICH PLANET FORMATION IN A SOLAR COMPOSITION DISK. Astrophysical Journal, 2014, 785, 125. | 4.5 | 77 |
| 18 | THE MEASURED COMPOSITIONS OF URANUS AND NEPTUNE FROM THEIR FORMATION ON THE CO ICE LINE. Astrophysical Journal, 2014, 793, 9. | 4.5 | 63 |