

Umut A Yildiz

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,402
citations

567281

15
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

1328
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of the Water Reservoir in a Forming Planetary System. <i>Science</i> , 2011, 334, 338-340.	12.6	258
2	Water in Star-forming Regions with the <i>Herschel</i> Space Observatory (WISH). I. Overview of Key Program and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 138-170.	3.1	206
3	FIRST DETECTION OF WATER VAPOR IN A PRE-STELLAR CORE. <i>Astrophysical Journal Letters</i> , 2012, 759, L37.	8.3	148
4	<i>HERSCHEL</i> MEASUREMENTS OF MOLECULAR OXYGEN IN ORION. <i>Astrophysical Journal</i> , 2011, 737, 96.	4.5	138
5	EMBEDDED PROTOSTARS IN THE DUST, ICE, AND GAS IN TIME (DIGIT) <i>HERSCHEL</i> KEY PROGRAM: CONTINUUM SEDs, AND AN INVENTORY OF CHARACTERISTIC FAR-INFRARED LINES FROM PACS SPECTROSCOPY. <i>Astrophysical Journal</i> , 2013, 770, 123.	4.5	102
6	Water in star-forming regions: physics and chemistry from clouds to disks as probed by <i>Herschel</i> spectroscopy. <i>Astronomy and Astrophysics</i> , 2021, 648, A24.	5.1	98
7	APEX-CHAMP ⁺ ^{high-<i>J</i>} CO observations of low-mass young stellar objects. <i>Astronomy and Astrophysics</i> , 2012, 542, A86.	5.1	82
8	Survey of Cold Water Lines in Protoplanetary Disks: Indications of Systematic Volatile Depletion. <i>Astrophysical Journal</i> , 2017, 842, 98.	4.5	66
9	Deep observations of O ₂ toward a low-mass protostar with <i>Herschel</i> -HIFI. <i>Astronomy and Astrophysics</i> , 2013, 558, A58.	5.1	57
10	KINEMATIC PROPERTIES AS PROBES OF THE EVOLUTION OF DWARF GALAXIES IN THE VIRGO CLUSTER. <i>Astrophysical Journal</i> , 2009, 707, L17-L21.	4.5	56
11	First detection of gas-phase ammonia in a planet-forming disk. <i>Astronomy and Astrophysics</i> , 2016, 591, A122.	5.1	52
12	<i>HERSCHEL</i> GALACTIC PLANE SURVEY OF [N ii] FINE STRUCTURE EMISSION. <i>Astrophysical Journal</i> , 2015, 814, 133.	4.5	51
13	<i>HERSCHEL</i> HIFI OBSERVATIONS OF O ₂ TOWARD ORION: SPECIAL CONDITIONS FOR SHOCK ENHANCED EMISSION. <i>Astrophysical Journal</i> , 2014, 793, 111.	4.5	33
14	Striations in the Taurus molecular cloud: Kelvin-Helmholtz instability or MHD waves?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3918-3926.	4.4	28
15	CO in Protostars (COPS): <i>Herschel</i> -SPIRE Spectroscopy of Embedded Protostars ⁺ ⁺ . <i>Astrophysical Journal</i> , 2018, 860, 174.	4.5	24
16	Radar and Optical Study of Defunct Geosynchronous Satellites. <i>Journal of the Astronautical Sciences</i> , 2021, 68, 728-749.	1.5	3
17	WISHes coming true: water in low-mass star-forming regions with <i>Herschel</i> . <i>EAS Publications Series</i> , 2011, 52, 177-180.	0.3	0