

Katherine R De Kleer

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Heterogeneous Surface of Asteroid (16) Psyche. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	7
2	Ganymede's Surface Properties from Millimeter and Infrared Thermal Emission. <i>Planetary Science Journal</i> , 2021, 2, 5.	3.6	19
3	A 2020 Observational Perspective of Io. <i>Annual Review of Earth and Planetary Sciences</i> , 2021, 49, 643-678.	11.0	15
4	Mapping satellite surfaces and atmospheres with ground-based radio interferometry. , 2021, 53, .		1
5	Asteroid 16 Psyche: Shape, Features, and Global Map. <i>Planetary Science Journal</i> , 2021, 2, 125.	3.6	18
6	The Surface of (16) Psyche from Thermal Emission and Polarization Mapping. <i>Planetary Science Journal</i> , 2021, 2, 149.	3.6	19
7	Resolving Io's Volcanoes from a Mutual Event Observation at the Large Binocular Telescope. <i>Planetary Science Journal</i> , 2021, 2, 227.	3.6	5
8	An attempt to detect transient changes in Io's SO ₂ and NaCl atmosphere. <i>Icarus</i> , 2020, 350, 113925.	2.5	16
9	High Spatial and Spectral Resolution Observations of the Forbidden 1.707 μ m Rovibronic SO Emissions on Io: Evidence for Widespread Stealth Volcanism*. <i>Planetary Science Journal</i> , 2020, 1, 29.	3.6	6
10	ALMA Observations of Io Going into and Coming out of Eclipse. <i>Planetary Science Journal</i> , 2020, 1, 60.	3.6	19
11	Emission from volcanic SO gas on Io at high spectral resolution. <i>Icarus</i> , 2019, 317, 104-120.	2.5	12
12	Io's Volcanic Activity from Time Domain Adaptive Optics Observations: 2013-2018. <i>Astronomical Journal</i> , 2019, 158, 29.	4.7	32
13	Variability in Io's Volcanism on Timescales of Periodic Orbital Changes. <i>Geophysical Research Letters</i> , 2019, 46, 6327-6332.	4.0	24
14	Analysis of Neptune's 2017 bright equatorial storm. <i>Icarus</i> , 2019, 321, 324-345.	2.5	25
15	Europa's Optical Aurora: Update from Four New Hubble Eclipse Observations. <i>Research Notes of the AAS</i> , 2019, 3, 27.	0.7	1
16	A New Dark Vortex on Neptune. <i>Astronomical Journal</i> , 2018, 155, 117.	4.7	22
17	The triaxial ellipsoid size, density, and rotational pole of asteroid (16) Psyche from Keck and Gemini AO observations 2004-2015. <i>Icarus</i> , 2018, 305, 174-185.	2.5	20
18	Discovery of a Powerful, Transient, Explosive Thermal Event at Marduk Fluctus, Io, in <i>Galileo</i> NIMS Data. <i>Geophysical Research Letters</i> , 2018, 45, 2926-2933.	4.0	13

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19	Europa's Optical Aurora. <i>Astronomical Journal</i> , 2018, 156, 167.	4.7	9
20	Variability and geologic associations of volcanic activity on Io in 2001-2016. <i>Icarus</i> , 2018, 312, 267-294.	2.5	19
21	Multi-phase volcanic resurfacing at Loki Patera on Io. <i>Nature</i> , 2017, 545, 199-202.	27.8	26
22	Neptune long-lived atmospheric features in 2013-2015 from small (28-cm) to large (10-m) telescopes. <i>Icarus</i> , 2017, 295, 89-109.	2.5	21
23	Io's Loki Patera: Modeling of three brightening events in 2013-2016. <i>Icarus</i> , 2017, 289, 181-198.	2.5	16
24	Two Small Transiting Planets and a Possible Third Body Orbiting HD 106315. <i>Astronomical Journal</i> , 2017, 153, 255.	4.7	51
25	Three decades of Loki Patera observations. <i>Icarus</i> , 2017, 297, 265-281.	2.5	19
26	Radar observations and shape model of asteroid 16 Psyche. <i>Icarus</i> , 2017, 281, 388-403.	2.5	87
27	Retrieving Neptune's aerosol properties from Keck OSIRIS observations. I. Dark regions. <i>Icarus</i> , 2016, 276, 52-87.	2.5	18
28	Spatial distribution of Io's volcanic activity from near-IR adaptive optics observations on 100 nights in 2013-2015. <i>Icarus</i> , 2016, 280, 405-414.	2.5	28
29	Time variability of Io's volcanic activity from near-IR adaptive optics observations on 100 nights in 2013-2015. <i>Icarus</i> , 2016, 280, 378-404.	2.5	40
30	Io: Eruptions at Pillan, and the time evolution of Pele and Pillan from 1996 to 2015. <i>Icarus</i> , 2016, 264, 198-212.	2.5	15
31	Clouds and aerosols on Uranus: Radiative transfer modeling of spatially-resolved near-infrared Keck spectra. <i>Icarus</i> , 2015, 256, 120-137.	2.5	21
32	SPATIALLY RESOLVED M-BAND EMISSION FROM IO'S LOKI PATERA'S FIZEAU IMAGING AT THE 22.8 m LBT. <i>Astronomical Journal</i> , 2015, 149, 175.	4.7	20
33	A NEARBY M STAR WITH THREE TRANSITING SUPER-EARTHS DISCOVERED BY K2. <i>Astrophysical Journal</i> , 2015, 804, 10.	4.5	149
34	Near-infrared monitoring of Io and detection of a violent outburst on 29 August 2013. <i>Icarus</i> , 2014, 242, 352-364.	2.5	31
35	Near-infrared spectra of the uranian ring system. <i>Icarus</i> , 2013, 226, 1038-1044.	2.5	12
36	Keck adaptive optics images of Jupiter's north polar cap and Northern Red Oval. <i>Icarus</i> , 2011, 213, 559-563.	2.5	14

#	ARTICLE	IF	CITATIONS
37	A PROGRADE, LOW-INCLINATION ORBIT FOR THE VERY HOT JUPITER WASP-3b. <i>Astrophysical Journal</i> , 2010, 715, 421-428.	4.5	53
38	OH emission and absorption associated with supernovae in Arp 220. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 432-436.	0.0	1