

Kevin Volk

List of Publications by Year in descending order

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18
papers

798
citations

687363

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h-index

839539

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all docs

18
docs citations

18
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	24-45 Micron Infrared Spectroscopy of Carbon-rich Proto-planetary Nebulae. <i>Astrophysical Journal</i> , 2000, 535, 275-292.	4.5	112
2	On the Origin of Infrared Plateau Features in Proto-planetary Nebulae. <i>Astrophysical Journal</i> , 2001, 554, L87-L90.	4.5	110
3	High-Resolution [ITAL]Infrared Space Observatory[/ITAL] Spectroscopy of the Unidentified 21 Micron Feature. <i>Astrophysical Journal</i> , 1999, 516, L99-L102.	4.5	81
4	The JWST Fine Guidance Sensor (FGS) and Near-Infrared Imager and Slitless Spectrograph (NIRISS). <i>Proceedings of SPIE</i> , 2012, , .	0.8	80
5	Infrared Space Observatory Spectroscopy of Extreme Carbon Stars. <i>Astrophysical Journal</i> , 2000, 530, 408-417.	4.5	66
6	New low-resolution spectrometer spectra for IRAS sources. <i>Astrophysical Journal, Supplement Series</i> , 1991, 77, 607.	7.7	54
7	DISCOVERY AND ANALYSIS OF 21 μm FEATURE SOURCES IN THE MAGELLANIC CLOUDS. <i>Astrophysical Journal</i> , 2011, 735, 127.	4.5	48
8	A SPITZER STUDY OF 21 AND 30 μm EMISSION IN SEVERAL GALACTIC CARBON-RICH PROTOPLANETARY NEBULAE. <i>Astrophysical Journal</i> , 2009, 694, 1147-1160.	4.5	44
9	Infrared Space Observatory Observations of the Unidentified 30 Micron Feature in Proto-planetary Nebulae. <i>Astrophysical Journal</i> , 2002, 567, 412-422.	4.5	44
10	The Near-infrared Imager and Slitless Spectrograph for the James Webb Space Telescope. II. Wide Field Slitless Spectroscopy. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 025002.	3.1	39
11	Subarcsecond Mid-infrared Imaging of Two Post-asymptotic Giant Branch 21 Micron Sources. <i>Astrophysical Journal</i> , 2002, 573, 720-727.	4.5	33
12	The James Webb Space Telescope Absolute Flux Calibration. I. Program Design and Calibrator Stars. <i>Astronomical Journal</i> , 2022, 163, 267.	4.7	32
13	PROBING THE α 30 μm FEATURE: LESSONS FROM EXTREME CARBON STARS. <i>Astrophysical Journal</i> , 2013, 764, 142.	4.5	17
14	VARIABILITY IN PROTO-PLANETARY NEBULAE. III. LIGHT CURVE STUDIES OF MAGELLANIC CLOUD CARBON-RICH OBJECTS. <i>Astrophysical Journal</i> , 2015, 805, 78.	4.5	13
15	The 21 μm and 30 μm emission features in carbon-rich objects. <i>Astrophysics and Space Science</i> , 2020, 365, 1.	1.4	10
16	Aromatic, aliphatic, and the unidentified 21 micron emission features in proto-planetary nebulae. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 213-214.	0.0	9
17	Variability in Protoplanetary Nebulae: VII. Light-curve Studies of Five Medium-bright, Oxygen-rich, or Mixed-chemistry Post-AGB/Post-RGB Objects. <i>Astrophysical Journal</i> , 2020, 901, 9.	4.5	5
18	Carbon Star Dust Features: the 21 and 30 μm Features. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 701-702.	0.0	1