

James Muzerolle

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

5,157
citations

361413

20
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

3354
citing authors

#	ARTICLE	IF	CITATIONS
1	The Multiband Imaging Photometer for Spitzer (MIPS). <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 25-29.	7.7	1,745
2	Accretion in Young Stellar/Substellar Objects. <i>Astrophysical Journal</i> , 2003, 592, 266-281.	4.5	345
3	The Mass Accretion Rates of Intermediate-Mass T Tauri Stars. <i>Astronomical Journal</i> , 2004, 128, 1294-1318.	4.7	345
4	Emission-Line Diagnostics of T Tauri Magnetospheric Accretion. II. Improved Model Tests and Insights into Accretion Physics. <i>Astrophysical Journal</i> , 2001, 550, 944-961.	4.5	334
5	Accretion in brown dwarfs: An infrared view. <i>Astronomy and Astrophysics</i> , 2004, 424, 603-612.	5.1	331
6	Infrared Extinction toward Nearby Star-forming Regions. <i>Astrophysical Journal</i> , 2007, 663, 1069-1082.	4.5	303
7	A Br γ Probe of Disk Accretion in T Tauri Stars and Embedded Young Stellar Objects. <i>Astronomical Journal</i> , 1998, 116, 2965-2974.	4.7	283
8	Absolute Calibration and Characterization of the Multiband Imaging Photometer for <i>Spitzer</i> . I. The Stellar Calibrator Sample and the 24 μ m Calibration. <i>Publications of the Astronomical Society of the Pacific</i> , 2007, 119, 994-1018.	3.1	263
9	Magnetospheric Accretion Models for the Hydrogen Emission Lines of T Tauri Stars. <i>Astrophysical Journal</i> , 1998, 492, 743-753.	4.5	234
10	Emission-Line Diagnostics of T Tauri Magnetospheric Accretion. I. Line Profile Observations. <i>Astronomical Journal</i> , 1998, 116, 455-468.	4.7	212
11	A <i>Spitzer</i> View of Protoplanetary Disks in the β Velorum Cluster. <i>Astrophysical Journal</i> , 2008, 686, 1195-1208.	4.5	207
12	The Near-Infrared Spectrograph (NIRSpec) on the <i>James Webb</i> Space Telescope. <i>Astronomy and Astrophysics</i> , 2022, 661, A80.	5.1	164
13	The Near-Infrared Spectrograph (NIRSpec) on the <i>James Webb</i> Space Telescope. <i>Astronomy and Astrophysics</i> , 2022, 661, A81.	5.1	59
14	Modeling the H α line emission around classical T Tauri stars using magnetospheric accretion and disk wind models. <i>Astronomy and Astrophysics</i> , 2010, 522, A104.	5.1	58
15	Pulsed accretion in a variable protostar. <i>Nature</i> , 2013, 493, 378-380.	27.8	42
16	Magnetospheric Accretion as a Source of H α Emission from Protoplanets around PDS 70. <i>Astrophysical Journal</i> , 2019, 885, 94.	4.5	39
17	The Near-Infrared Spectrograph (NIRSpec) on the <i>James Webb</i> Space Telescope. <i>Astronomy and Astrophysics</i> , 2022, 661, A82.	5.1	39
18	A Slowly Accreting \sim 10 Myr-old Transitional Disk in Orion OB1a. <i>Astrophysical Journal</i> , 2008, 689, L145-L148.	4.5	36

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19	The James Webb Space Telescope Absolute Flux Calibration. I. Program Design and Calibrator Stars. <i>Astronomical Journal</i> , 2022, 163, 267.	4.7	32
20	Variable Accretion onto Protoplanet Host Star PDS 70. <i>Astrophysical Journal</i> , 2020, 892, 81.	4.5	26
21	SPITZER OBSERVATIONS OF LONG-TERM INFRARED VARIABILITY AMONG YOUNG STELLAR OBJECTS IN CHAMAELEON I. <i>Astrophysical Journal</i> , 2016, 833, 104.	4.5	19
22	Measuring the density structure of an accretion hot spot. <i>Nature</i> , 2021, 597, 41-44.	27.8	16
23	The Inner Disk and Accretion Flow of the Close Binary DQ Tau. <i>Astrophysical Journal</i> , 2019, 877, 29.	4.5	15
24	Complex Magnetospheric Accretion Flows in the Low Accretor CVSO 1335. <i>Astrophysical Journal</i> , 2019, 884, 86.	4.5	10