

# 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 Near-Infrared Spectrograph (NIRSpec) on the James Webb Space Telescope. <i>Astronomy and Astrophysics</i> , 2022, 661, A82.	5.1	39
2	The Near-Infrared Spectrograph (NIRSpec) on the James Webb Space Telescope. <i>Astronomy and Astrophysics</i> , 2022, 661, A80.	5.1	164
3	The Near-Infrared Spectrograph (NIRSpec) on the James Webb Space Telescope. <i>Astronomy and Astrophysics</i> , 2022, 661, A81.	5.1	59
4	The James Webb Space Telescope Absolute Flux Calibration. I. Program Design and Calibrator Stars. <i>Astronomical Journal</i> , 2022, 163, 267.	4.7	32
5	Measuring the density structure of an accretion hot spot. <i>Nature</i> , 2021, 597, 41-44.	27.8	16
6	Variable Accretion onto Protoplanet Host Star PDS 70. <i>Astrophysical Journal</i> , 2020, 892, 81.	4.5	26
7	The Inner Disk and Accretion Flow of the Close Binary DQ Tau. <i>Astrophysical Journal</i> , 2019, 877, 29.	4.5	15
8	Complex Magnetospheric Accretion Flows in the Low Accretor CVSO 1335. <i>Astrophysical Journal</i> , 2019, 884, 86.	4.5	10
9	Magnetospheric Accretion as a Source of H $\beta$ Emission from Protoplanets around PDS 70. <i>Astrophysical Journal</i> , 2019, 885, 94.	4.5	39
10	SPITZER OBSERVATIONS OF LONG-TERM INFRARED VARIABILITY AMONG YOUNG STELLAR OBJECTS IN CHAMAELEON I. <i>Astrophysical Journal</i> , 2016, 833, 104.	4.5	19
11	Pulsed accretion in a variable protostar. <i>Nature</i> , 2013, 493, 378-380.	27.8	42
12	Modeling the H $\alpha$ 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
13	A Slowly Accreting ~10 Myr-old Transitional Disk in Orion OB1a. <i>Astrophysical Journal</i> , 2008, 689, L145-L148.	4.5	36
14	A Spitzer View of Protoplanetary Disks in the $\beta$ Velorum Cluster. <i>Astrophysical Journal</i> , 2008, 686, 1195-1208.	4.5	207
15	Infrared Extinction toward Nearby Star-forming Regions. <i>Astrophysical Journal</i> , 2007, 663, 1069-1082.	4.5	303
16	Absolute Calibration and Characterization of the Multiband Imaging Photometer for Spitzer. I. The Stellar Calibrator Sample and the 24 $\mu$ m Calibration. <i>Publications of the Astronomical Society of the Pacific</i> , 2007, 119, 994-1018.	3.1	263
17	Accretion in brown dwarfs: An infrared view. <i>Astronomy and Astrophysics</i> , 2004, 424, 603-612.	5.1	331
18	The Mass Accretion Rates of Intermediate-Mass T Tauri Stars. <i>Astronomical Journal</i> , 2004, 128, 1294-1318.	4.7	345

#	ARTICLE	IF	CITATIONS
19	The Multiband Imaging Photometer for Spitzer (MIPS). <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 25-29.	7.7	1,745
20	Accretion in Young Stellar/Substellar Objects. <i>Astrophysical Journal</i> , 2003, 592, 266-281.	4.5	345
21	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
22	A Br $\gamma$ Probe of Disk Accretion in T Tauri Stars and Embedded Young Stellar Objects. <i>Astronomical Journal</i> , 1998, 116, 2965-2974.	4.7	283
23	Magnetospheric Accretion Models for the Hydrogen Emission Lines of T Tauri Stars. <i>Astrophysical Journal</i> , 1998, 492, 743-753.	4.5	234
24	Emission-Line Diagnostics of T Tauri Magnetospheric Accretion. I. Line Profile Observations. <i>Astronomical Journal</i> , 1998, 116, 455-468.	4.7	212