

# Donald F Figer

## List of Publications by Year in descending order

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56  
papers

3,563  
citations

218677

26  
h-index

214800

47  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2390  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and development of NIRSPEC: a near-infrared echelle spectrograph for the Keck II telescope. , 1998, , .		527
2	Hubble Space Telescope/NICMOS Observations of Massive Stellar Clusters near the Galactic Center. Astrophysical Journal, 1999, 525, 750-758.	4.5	327
3	Massive Stars in the Quintuplet Cluster. Astrophysical Journal, 1999, 514, 202-220.	4.5	293
4	An upper limit to the masses of stars. Nature, 2005, 434, 192-194.	27.8	280
5	Massive Stars in the Arches Cluster. Astrophysical Journal, 2002, 581, 258-275.	4.5	261
6	An Extended Star Formation History for the Galactic Center from Hubble Space Telescope NICMOS Observations. Astrophysical Journal, 2004, 601, 319-339.	4.5	150
7	The Pistol Star. Astrophysical Journal, 1998, 506, 384-404.	4.5	137
8	Discovery of an Extraordinarily Massive Cluster of Red Supergiants. Astrophysical Journal, 2006, 643, 1166-1179.	4.5	135
9	The Rest-Frame Optical Spectrum of MS 1512 <sup>~</sup> [CLC]c[/CLC]B58. Astrophysical Journal, 2000, 533, L65-L68.	4.5	128
10	Metallicity in the Galactic Center: The Arches Cluster. Astrophysical Journal, 2004, 611, L105-L108.	4.5	102
11	AK <sup>~</sup> Band Spectral Atlas of Wolf-Rayet Stars. Astrophysical Journal, 1997, 486, 420-434.	4.5	98
12	The Arches Cluster Mass Function. Astrophysical Journal, 2006, 653, L113-L116.	4.5	87
13	A new mass-loss rate prescription for red supergiants. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5994-6006.	4.4	83
14	Massive Stars in the SGR 1806-20 Cluster. Astrophysical Journal, 2005, 622, L49-L52.	4.5	78
15	N <sup>~</sup> Body Simulations of Compact Young Clusters near the Galactic Center. Astrophysical Journal, 2000, 545, 301-308.	4.5	76
16	A newly discovered young massive star cluster at the far end of the Galactic Bar. Monthly Notices of the Royal Astronomical Society, 2012, 419, 1860-1870.	4.4	56
17	Two New Wolf-Rayet Stars and a Luminous Blue Variable Star in the Quintuplet (AFGL 2004) Near the Galactic Center. Astrophysical Journal, 1995, 447, L29-L32.	4.5	55
18	Measurement of [Oiii] Emission in Lyman <sup>~</sup> Break Galaxies. Astrophysical Journal, 2000, 542, 18-26.	4.5	52

#	ARTICLE	IF	CITATIONS
19	The G305 star-forming complex: the central star clusters Danks 1 and Danks 2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 1871-1886.	4.4	51
20	High-Resolution Infrared Imaging and Spectroscopy of the Pistol Nebula: Evidence for Ejection. <i>Astrophysical Journal</i> , 1999, 525, 759-771.	4.5	50
21	[ITAL]J[ITAL]-Band Infrared Spectroscopy of a Sample of Brown Dwarfs Using NIRSPEC on Keck II. <i>Astrophysical Journal</i> , 2000, 533, L45-L48.	4.5	50
22	2 Micron Spectroscopy within 0[arcsec]3 of Sagittarius A*. <i>Astrophysical Journal</i> , 2000, 533, L49-L52.	4.5	45
23	High-Precision Stellar Radial Velocities in the Galactic Center. <i>Astrophysical Journal</i> , 2003, 599, 1139-1156.	4.5	42
24	NEAR-INFRARED SPECTRA OF GALACTIC STELLAR CLUSTERS DETECTED ON SPITZER/GLIMPSE IMAGES. <i>Astrophysical Journal</i> , 2009, 697, 701-712.	4.5	38
25	NUCLEAR STAR-FORMING RING OF THE MILKY WAY: SIMULATIONS. <i>Astrophysical Journal Letters</i> , 2011, 735, L11.	8.3	36
26	The Double-lined Spectrum of LBV 1806-20. <i>Astrophysical Journal</i> , 2004, 610, L109-L112.	4.5	31
27	High Spectral Resolution Observations of the Massive Stars in the Galactic Center. <i>Astrophysical Journal</i> , 2006, 641, 891-904.	4.5	31
28	UCLA double-beam infrared camera system. , 1993, , .		26
29	<title>Performance and results with a double-beam infrared camera</title>. , 1994, , .		25
30	MASSIVE STARS IN THE CL 1813-178 CLUSTER: AN EPISODE OF MASSIVE STAR FORMATION IN THE W33 COMPLEX. <i>Astrophysical Journal</i> , 2011, 733, 41.	4.5	25
31	MASSIVE STARS IN THE W33 GIANT MOLECULAR COMPLEX. <i>Astrophysical Journal</i> , 2015, 805, 110.	4.5	19
32	MASS DISTRIBUTION IN THE CENTRAL FEW PARSECS OF OUR GALAXY. <i>Journal of the Korean Astronomical Society</i> , 2009, 42, 17-26.	1.5	18
33	Radial Velocities of Stars in the Galactic Center. <i>Astrophysical Journal</i> , 2008, 681, 1254-1278.	4.5	16
34	<i>HUBBLE SPACE TELESCOPE</i>/NEAR-INFRARED CAMERA AND MULTI-OBJECT SPECTROMETER OBSERVATIONS OF THE GLIMPSE9 STELLAR CLUSTER. <i>Astrophysical Journal</i> , 2010, 708, 1241-1253.	4.5	16
35	Massive stars in the giant molecular cloud G23.3 <sup>±</sup> 0.3 and W41. <i>Astronomy and Astrophysics</i> , 2014, 569, A20.	5.1	13
36	Near-infrared spectroscopy of candidate red supergiant stars in clusters. <i>Astronomy and Astrophysics</i> , 2014, 571, A43.	5.1	12

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37	Discovery of an Obscured Broad-Line Region in the High-Redshift Radio Galaxy MRC 2025 <sup>+</sup> 218. <i>Astrophysical Journal</i> , 2000, 533, L61-L64.	4.5	12
38	Young Massive Clusters. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 247-256.	0.0	11
39	Red Supergiants in the Inner Galaxy: Stellar Properties. <i>Astrophysical Journal</i> , 2017, 836, 65.	4.5	11
40	MULTIWAVELENGTH OBSERVATIONS OF MASSIVE STELLAR CLUSTER CANDIDATES IN THE GALAXY. <i>Astronomical Journal</i> , 2012, 144, 89.	4.7	10
41	DISCOVERY OF AN EXTRAORDINARY NUMBER OF RED SUPERGIANTS IN THE INNER GALAXY. <i>Astrophysical Journal Letters</i> , 2016, 822, L5.	8.3	10
42	New Infrared Spectral Indices of Luminous Cold Stars: From Early K to M Types. <i>Astronomical Journal</i> , 2021, 162, 187.	4.7	9
43	Massive Stars and The Creation of our Galactic Center. <i>Astronomische Nachrichten</i> , 2003, 324, 255-261.	1.2	8
44	Massive stars and the creation of our Galactic Center. <i>Symposium - International Astronomical Union</i> , 2003, 212, 487-496.	0.1	7
45	A NEAR-INFRARED STUDY OF THE STELLAR CLUSTER: [DBS2003] 45. <i>Astrophysical Journal</i> , 2009, 702, 929-939.	4.5	6
46	2.2. The stellar content of the Quintuplet cluster. <i>Symposium - International Astronomical Union</i> , 1998, 184, 61-62.	0.1	2
47	NIRSPEC observations of the galactic center. , 2000, , .		2
48	Detections of Massive Stars in the Cluster MCM2005b77, in the Star-forming Regions GRS G331.34 <sup>+</sup> 00.36 (S62) and GRS G337.92 <sup>+</sup> 00.48 (S36). <i>Astrophysical Journal</i> , 2018, 862, 10.	4.5	2
49	Monster star found hiding in plain sight. <i>Nature</i> , 2014, 515, 42-43.	27.8	1
50	The Initial Mass Function in the Galactic Center. <i>Springer Proceedings in Physics</i> , 2001, , 13-18.	0.2	1
51	Massive Stars in Molecular Clouds Rich in High-energy Sources: The Bridge of G332.809 <sup>+</sup> 0.132 and CS 78 in NGC 6334 <sup>+</sup> 0.000 <sup>+</sup> . <i>Astronomical Journal</i> , 2020, 160, 65.	4.7	1
52	The Stellar Initial Mass Function in The Galactic Center. , 2005, , 89-94.		1
53	Super star clusters in the Galactic Center as revealed by HST-NICMOS. <i>Symposium - International Astronomical Union</i> , 1999, 193, 459-469.	0.1	0
54	Metal abundances in the Galactic Center. <i>Symposium - International Astronomical Union</i> , 1999, 193, 491-492.	0.1	0

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55	Infrared Imaging of the Arches Cluster - Adaptive Optics in the Densest Region of the Milky Way. Symposium - International Astronomical Union, 2002, 207, 132-134.	0.1	0
56	A New Candidate Luminous Blue Variable. Astrophysical Journal Letters, 2020, 901, L15.	8.3	0