Dimitrios A Gouliermis

List of Publications by Year
in descending order

91	2,955	101496	182361
papers	citations	36 h-index	51 g-index

92	92	92	2062
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measuring Young Stars in Space and Time. I. The Photometric Catalog and Extinction Properties of N44. Astronomical Journal, 2021, 161, 256.	1.9	2
2	Measuring Young Stars in Space and Time. II. The Pre-main-sequence Stellar Content of N44. Astronomical Journal, 2021, 161, 257.	1.9	6
3	LEGUS and H_{Î±}-LEGUS Observations of Star Clusters in NGC 4449: Improved Ages and the Fraction of Light in Clusters as a Function of Age. Astrophysical Journal, 2020, 889, 154.	1.6	29
4	Candidate LBV stars in galaxy NGC 7793 found via HST photometry + MUSE spectroscopy. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2410-2428.	1.6	12
5	Stellar parameter determination from photometry using invertible neural networks. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5447-5485.	1.6	16
6	HÂÎ± morphologies of star clusters: a LEGUS study of HÂii region evolution time-scales and stochasticity in low-mass clusters. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4648-4665.	1.6	42
7	The spatial relation between young star clusters and molecular clouds in M51 with LEGUS. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4707-4723.	1.6	70
8	Star cluster catalogues for the LEGUS dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4897-4919.	1.6	42
9	Star Formation Histories of the LEGUS Spiral Galaxies. I. The Flocculent Spiral NGC 7793^{â^—}. Astrophysical Journal, 2019, 878, 1.	1.6	18
10	A Study of Two Dwarf Irregular Galaxies with AsymmetricalStar Formation Distributions. Astrophysical Journal, 2018, 855, 7.	1.6	4
11	The young star cluster population of M51 with LEGUS â€“ I. A comprehensive study of cluster formation and evolution. Monthly Notices of the Royal Astronomical Society, 2018, 473, 996-1018.	1.6	49
12	The Resolved Stellar Populations in the LEGUS Galaxies1. Astrophysical Journal, Supplement Series, 2018, 235, 23.	3.0	63
13	Extinction Maps and Dust-to-gas Ratios in Nearby Galaxies with LEGUS. Astrophysical Journal, 2018, 855, 133.	1.6	24
14	Unbound Young Stellar Systems: Star Formation on the Loose. Publications of the Astronomical Society of the Pacific, 2018, 130, 072001.	1.0	48
15	Connecting young star clusters to CO molecular gas in NGC 7793 with ALMAâ€“LEGUS. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1016-1027.	1.6	62
16	The young star cluster population of M51 with LEGUS â€“ II. Testing environmental dependences. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1683-1707.	1.6	52
17	Searchfor star cluster age gradients across spiral arms of three LEGUS disc galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3590-3604.	1.6	40
18	Star Formation Histories of the LEGUS Dwarf Galaxies. I. Recent History of NGC 1705, NGC 4449, and Holmberg II*. Astrophysical Journal, 2018, 856, 62.	1.6	24

#	Article	IF	Citations
19	Star Formation Histories of the LEGUS Dwarf Galaxies. II. Spatially Resolved Star Formation History of the Magellanic Irregular NGC 4449^{â^—}. Astrophysical Journal, 2018, 857, 63.	1.6	19
20	STELLAR CLUSTERINGS AROUND â€œISOLATEDâ€•MASSIVE YSOs IN THE LMC. Astrophysical Journal, 2017, 834, 94.	1.6	35
21	The Hierarchical Distribution of the Young Stellar Clusters in Six Local Star-forming Galaxies. Astrophysical Journal, 2017, 840, 113.	1.6	60
22	Hierarchical Star Formation in Turbulent Media: Evidence from Young Star Clusters. Astrophysical Journal, 2017, 842, 25.	1.6	43
23	Effective Radii of Young, Massive Star Clusters in Two LEGUS Galaxies^{â^—}. Astrophysical Journal, 2017, 841, 92.	1.6	66
24	The properties, origin and evolution of stellar clusters in galaxy simulations and observations. Monthly Notices of the Royal Astronomical Society, 2017, 464, 3580-3596.	1.6	17
25	Hierarchical star formation across the grand-design spiral NGCÂ1566. Monthly Notices of the Royal Astronomical Society, 2017, 468, 509-530.	1.6	32
26	Exploring the IMF of star clusters: a joint SLUG and LEGUS effort. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2464-2480.	1.6	17
27	Legacy ExtraGalactic UV Survey with The Hubble Space Telescope: Stellar Cluster Catalogs and First Insights Into Cluster Formation and Evolution in NGC 628^{â^—}. Astrophysical Journal, 2017, 841, 131.	1.6	107
28	HUBBLE TARANTULA TREASURY PROJECT. III. PHOTOMETRIC CATALOG AND RESULTING CONSTRAINTS ON THE PROGRESSION OF STAR FORMATION IN THE 30ÂDORADUS REGION*. Astrophysical Journal, Supplement Series, 2016, 222, 11.	3.0	67
29	HUBBLE TARANTULA TREASURY PROJECT. V. THE STAR CLUSTER HODGE 301: THE OLD FACE OF 30 DORADUS*. Astrophysical Journal, 2016, 833, 154.	1.6	21
30	Hubble Tarantula Treasury Project â€“ IV. The extinction law. Monthly Notices of the Royal Astronomical Society, 2016, 455, 4373-4387.	1.6	44
31	A comprehensive comparative test of seven widely used spectral synthesis models against multi-band photometry of young massive-star clusters. Monthly Notices of the Royal Astronomical Society, 2016, 457, 4296-4322.	1.6	55
32	HUBBLE TARANTULA TREASURY PROJECT. II. THE STAR-FORMATION HISTORY OF THE STARBURST REGION NGC 2070 IN 30 DORADUS. Astrophysical Journal, 2015, 811, 76.	1.6	58
33	THE BRIGHTEST YOUNG STAR CLUSTERS IN NGC 5253. Astrophysical Journal, 2015, 811, 75.	1.6	56
34	STAR CLUSTER PROPERTIES IN TWO LEGUS GALAXIES COMPUTED WITH STOCHASTIC STELLAR POPULATION SYNTHESIS MODELS. Astrophysical Journal, 2015, 812, 147.	1.6	38
35	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. VIII. A WIDE-AREA, HIGH-RESOLUTION MAP OF DUST EXTINCTION IN M31. Astrophysical Journal, 2015, 814, 3.	1.6	72
36	THE SPATIAL DISTRIBUTION OF THE YOUNG STELLAR CLUSTERS IN THE STAR-FORMING GALAXY NGC 628. Astrophysical Journal, 2015, 815, 93.	1.6	59

#	Article	IF	Citations
37	Hierarchical star formation across the ring galaxy NGCÂ6503. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3508-3528.	1.6	34
38	Probing the Hierarchy in Stellar Clustering. Proceedings of the International Astronomical Union, 2015, 11, 719-719.	0.0	0
39	NGC 346: Looking in the Cradle of a Massive Star Cluster. Proceedings of the International Astronomical Union, 2015, 12, 117-122.	0.0	0
40	Star formation rates from young-star counts and the structure of the ISM across the NGC 346/N66 complex in the SMCâ˜…. Monthly Notices of the Royal Astronomical Society, 2015, 448, 1847-1862.	1.6	40
41	LEGACY EXTRAGALACTIC UV SURVEY (LEGUS) WITH THEHUBBLE SPACE TELESCOPE. I. SURVEY DESCRIPTION. Astronomical Journal, 2015, 149, 51.	1.9	155
42	THE HIGH-MASS STELLAR INITIAL MASS FUNCTION IN M31 CLUSTERS. Astrophysical Journal, 2015, 806, 198.	1.6	57
43	PHAT STELLAR CLUSTER SURVEY. II. ANDROMEDA PROJECT CLUSTER CATALOG. Astrophysical Journal, 2015, 802, 127.	1.6	60
44	The Panchromatic Hubble Andromeda Treasury. Progression of Large-Scale Star Formation Across Space and Time in Mâ€‰31. , 2015, , 289-299.		3
45	The complex distribution of recently formed stars. Bimodal stellar clustering in the star-forming region NGCÂ346. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3775-3789.	1.6	58
46	HIERARCHICAL STAR FORMATION IN NEARBY LEGUS GALAXIES. Astrophysical Journal Letters, 2014, 787, L15.	3.0	41
47	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. V. AGES AND MASSES OF THE YEAR 1 STELLAR CLUSTERS. Astrophysical Journal, 2014, 786, 117.	1.6	50
48	Hierarchically Clustered Star Formation in the Magellanic Clouds. Thirty Years of Astronomical Discovery With UKIRT, 2014, , 447-451.	0.3	3
49	Age Spread in Galactic Star Forming Region W3 Main. Thirty Years of Astronomical Discovery With UKIRT, 2014, , 401-405.	0.3	0
50	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. IV. A PROBABILISTIC APPROACH TO INFERRING THE HIGH-MASS STELLAR INITIAL MASS FUNCTION AND OTHER POWER-LAW FUNCTIONS. Astrophysical Journal, 2013, 762, 123.	1.6	29
51	HUBBLE TARANTULA TREASURY PROJECT: UNRAVELING TARANTULA'S WEB. I. OBSERVATIONAL OVERVIEW AND FIRST RESULTS. Astronomical Journal, 2013, 146, 53.	1.9	47
52	AGE SPREAD IN W3 MAIN: LARGE BINOCULAR TELESCOPE/LUCI NEAR-INFRARED SPECTROSCOPY OF THE MASSIVE STELLAR CONTENT. Astrophysical Journal, 2012, 744, 87.	1.6	52
53	THE CLUSTERED NATURE OF STAR FORMATION. PRE-MAIN-SEQUENCE CLUSTERS IN THE STAR-FORMING REGION NGC 602/N90 IN THE SMALL MAGELLANIC CLOUD*. Astrophysical Journal, 2012, 748, 64.	1.6	23
54	Low-Mass Preâ€“Main-Sequence Stars in the Magellanic Clouds. Space Science Reviews, 2012, 169, 1-25.	3.7	11

#	Article	IF	Citations
55	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. III. MEASURING AGES AND MASSES OF PARTIALLY RESOLVED STELLAR CLUSTERS. Astrophysical Journal, 2012, 760, 104.	1.6	17
56	PHAT STELLAR CLUSTER SURVEY. I. YEAR 1 CATALOG AND INTEGRATED PHOTOMETRY. Astrophysical Journal, 2012, 752, 95.	1.6	62
57	The massive stellar population in the young association LH 95 in the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2012, 422, 3356-3369.	1.6	6
58	An interesting candidate for isolated massive-star formation inÂtheÂSmallÂMagellanic Cloud. Astronomy and Astrophysics, 2011, 529, A40.	2.1	28
59	PRE-MAIN-SEQUENCE STELLAR POPULATIONS ACROSS SHAPLEY CONSTELLATION III. I. PHOTOMETRIC ANALYSIS AND IDENTIFICATION,. Astrophysical Journal, 2011, 738, 137.	1.6	7
60	Resolved young stellar populations in star-forming regions of the Magellanic Clouds. Physica Scripta, 2011, 84, 048401.	1.2	3
61	HIERARCHICAL STELLAR STRUCTURES IN THE LOCAL GROUP DWARF GALAXY NGC 6822. Astrophysical Journal, 2010, 725, 1717-1734.	1.6	34
62	INTERNAL DYNAMICS AND MEMBERSHIP OF THE NGC 3603 YOUNG CLUSTER FROM MICROARCSECOND ASTROMETRY. Astrophysical Journal Letters, 2010, 716, L90-L94.	3.0	71
63	ASSESSMENT OF STELLAR STRATIFICATION IN THREE YOUNG STAR CLUSTERS IN THE LARGE MAGELLANIC CLOUD. Astrophysical Journal, 2010, 709, 263-277.	1.6	3
64	A NEW METHOD FOR THE ASSESSMENT OF AGE AND AGE SPREAD OF PRE-MAIN-SEQUENCE STARS IN YOUNG STELLAR ASSOCIATIONS OF THE MAGELLANIC CLOUDS[,]. Astrophysical Journal, 2010, 723, 166-183.	1.6	50
65	A Hubble View of Star Forming Regions inÂtheÂMagellanic Clouds. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 71-75.	0.3	4
66	Recent star formation at low metallicities. The star-forming region NGCÂ346/N66 in the Small Magellanic Cloud from near-infrared VLT/ISAAC observations. Astronomy and Astrophysics, 2010, 515, A56.	2.1	12
67	THE CLUSTERING BEHAVIOR OF PRE-MAIN-SEQUENCE STARS IN NGC 346 IN THE SMALL MAGELLANIC CLOUD. Astrophysical Journal, 2009, 694, 367-375.	1.6	33
68	Hierarchical clustering in the Local Group dwarf galaxy NGC 6822. Proceedings of the International Astronomical Union, 2009, 5, 538-538.	0.0	0
69	A NEW DIAGNOSTIC METHOD FOR ASSESSMENT OF STELLAR STRATIFICATION IN STAR CLUSTERS. Astrophysical Journal, 2009, 692, 1678-1689.	1.6	10
70	THE COMPLETE INITIAL MASS FUNCTION DOWN TO THE SUBSOLAR REGIME IN THE LARGE MAGELLANIC CLOUD WITHHUBBLE SPACE TELESCOPEACS OBSERVATIONS,. Astrophysical Journal, 2009, 696, 528-545.	1.6	47
71	The sub-solar initial mass function in the Large Magellanic Cloud. Proceedings of the International Astronomical Union, 2008, 4, 250-255.	0.0	0
72	NGC 346 in the Small Magellanic Cloud. III. Recent Star Formation and Stellar Clustering Properties in the Bright H<scp>ii</scp>Region N66. Astrophysical Journal, 2008, 672, 914-929.	1.6	51

#	Article	IF	Citations
73	The Initial Mass Function of the Stellar Association NGC 602 in the Small Magellanic Cloud withHubble Space TelescopeACS Observations. Astrophysical Journal, 2008, 681, 290-302.	1.6	33
74	NGC 346 in The Small Magellanic Cloud. IV. Triggered Star Formation in the H<scp>ii</scp>Region N66. Astrophysical Journal, 2008, 688, 1050-1059.	1.6	31
75	Clustered Star Formation in the Small Magellanic Cloud. ASpitzer/IRAC View of the Starâ€Forming Region NGC 602/N 90. Astrophysical Journal, 2007, 665, 306-314.	1.6	31
76	Discovery of the Pre-Main-Sequence Population of the Stellar Association LH 95 in the Large Magellanic Cloud with Hubble Space Telescope Advanced Camera for Surveys Observations. Astrophysical Journal, 2007, 665, L27-L30.	1.6	24
77	Clustered Star Formation in the Magellanic Clouds. Proceedings of the International Astronomical Union, 2007, 3, 61-62.	0.0	0
78	The Starâ€forming Region NGC 346 in the Small Magellanic Cloud withHubble Space TelescopeACS Observations. II. Photometric Study of the Intermediateâ€Age Star Cluster BS 90. Astrophysical Journal, 2007, 664, 322-331.	1.6	18
79	The Low-Mass Pre-Main-Sequence Population of the Stellar Association LH 52 in the Large Magellanic Cloud Discovered with Hubble Space Telescope WFPC2 Observations. Astrophysical Journal, 2006, 636, L133-L136.	1.6	26
80	HST WFPC2 Observations of the Peculiar Main Sequence of the Double Star Cluster NGC 2011 in the Large Magellanic Cloud. Astrophysical Journal, 2006, 652, L93-L96.	1.6	5
81	The Starâ€forming Region NGC 346 in the Small Magellanic Cloud with Hubble Space Telescope ACS Observations. I. Photometry. Astrophysical Journal, Supplement Series, 2006, 166, 549-556.	3.0	33
82	The Lowâ€Mass Initial Mass Function of the Field Population in the Large Magellanic Cloud withHubble Space TelescopeWFPC2 Observations. Astrophysical Journal, 2006, 641, 838-851.	1.6	15
83	The Initial Mass Function toward the Lowâ€Mass End in the Large Magellanic Cloud withHubble Space TelescopeWFPC2 Observations. Astrophysical Journal, 2005, 623, 846-859.	1.6	15
84	The search for the sub-solar initial mass function in the Local Group. Proceedings of the International Astronomical Union, 2005, 1, 261-264.	0.0	0
85	Mass segregation in young Magellanic Cloud star clusters: Four clusters observed with HST. Astronomy and Astrophysics, 2004, 416, 137-155.	2.1	80
86	OB stellar associations in the Large Magellanic Cloud: Survey of young stellar systems. Astronomy and Astrophysics, 2003, 405, 111-124.	2.1	35
87	Three stellar associations and their field east of LMC 4 in the Large Magellanic Cloud. Astronomy and Astrophysics, 2002, 381, 862-883.	2.1	12
88	The role of central density in the evolution and formation of LMC clusters. observational evidence. Astronomical and Astrophysical Transactions, 2001, 20, 65-72.	0.2	0
89	OB Stellar Associations in the Large Magellanic Cloud: Identification Method. Astronomical Journal, 2000, 119, 1737-1747.	1.9	19
90	Hubble Tarantula Treasury Project â€“ VI. Identification of Preâ€“Main-Sequence Stars using Machine Learning techniques. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	7

#	Article	IF	Citations
91	Surface Brightness Fluctuations: A Case for Extremely Large Telescopes. , 0, , 334-337.		1