

Angeles Isabel DÃ-az

List of Publications by Year in descending order

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126
papers

4,976
citations

109321

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g-index

129
all docs

129
docs citations

129
times ranked

2769
citing authors

#	ARTICLE	IF	CITATIONS
1	On the use of sulphur as a tracer for abundances in galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4377-4392.	4.4	7
2	The delay time distribution of supernovae from integral-field spectroscopy of nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3122-3136.	4.4	10
3	A Bayesian direct method implementation to fit emission line spectra: application to the primordial He abundance determination. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3221-3238.	4.4	20
4	Primordial helium abundance determination using sulphur as metallicity tracer. Monthly Notices of the Royal Astronomical Society, 2018, 478, 5301-5319.	4.4	33
5	Galaxy chemical evolution models: the role of molecular gas formation. Monthly Notices of the Royal Astronomical Society, 2017, 468, 305-318.	4.4	10
6	Optical/Near-IR spatially resolved study of the H α galaxy Tol 02.... Monthly Notices of the Royal Astronomical Society, 2017, 471, 2829-2847.	4.4	0
7	BaTMA: Bayesian Technique for Multi-image Analysis. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3989-4008.	4.4	6
8	0.8mm extragalactic surveys of nearby galaxies. Proceedings of the International Astronomical Union, 2016, 11, 305-305.	0.0	0
9	Direct measurement of lensing amplification in Abell S1063 using a strongly lensed high redshift HII galaxy. Astronomy and Astrophysics, 2016, 592, L7.	5.1	3
10	The role of gas infall in the evolution of disc galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1329-1340.	4.4	28
11	The evolution of the oxygen abundance radial gradient in the Milky Way Galaxy disk. Proceedings of the International Astronomical Union, 2016, 12, 245-253.	0.0	0
12	Properties of the outer regions of spiral disks: abundances, colors and ages. Proceedings of the International Astronomical Union, 2016, 11, 102-104.	0.0	0
13	Direct determination of oxygen abundances in line-emitting star-forming galaxies at intermediate redshift. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3359-3366.	4.4	5
14	Understanding chemical evolution in resolved galaxies – I. The local star fraction–metallicity relation. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2126-2134.	4.4	33
15	A comprehensive photometric study of circumnuclear star-forming rings - I. The sample. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3173-3191.	4.4	9
16	Nature or nurture? Clues from the distribution of specific star formation rates in SDSS galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 451, 888-903.	4.4	28
17	A characteristic oxygen abundance gradient in galaxy disks unveiled with CALIFA. Astronomy and Astrophysics, 2014, 563, A49.	5.1	362
18	High-velocity blueshifted Fe α absorption in the dwarf star-forming galaxy PHL 293B: evidence for a wind driven supershell?. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1449-1461.	4.4	12

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19	Ionizing stellar population in the disc of NGC 3310 â€“ I. The impact of a minor merger on galaxy evolutionâˆ“.... Monthly Notices of the Royal Astronomical Society, 2014, 440, 2265-2289.	4.4	18
20	PPAK Wide field Integral Field Spectroscopy of NGC 628 â€“ III. Stellar population properties. Monthly Notices of the Royal Astronomical Society, 2014, 437, 1534-1548.	4.4	27
21	Ionizing stellar population in the disc of NGC 3310 â€“ II. The Wolfâ€“Rayet populationâˆ“.... Monthly Notices of the Royal Astronomical Society, 2014, 445, 3803-3822.	4.4	7
22	A study of the ionized gas in Stephan's Quintet from integral field spectroscopy observationsâˆ“.... Monthly Notices of the Royal Astronomical Society, 2014, 442, 495-508.	4.4	11
23	Integral field spectroscopy of Hâ€“ii regions in M33. Monthly Notices of the Royal Astronomical Society, 2013, 430, 472-508.	4.4	22
24	Implications of the kinematical structure of circumnuclear star-forming regions on their derived properties. Monthly Notices of the Royal Astronomical Society, 2013, 432, 810-821.	4.4	10
25	The chemical case for no winds in dwarf irregular galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2491-2502.	4.4	17
26	The O3N2 and N2 abundance indicators revisited: improved calibrations based on CALIFA and <i>T</i>_e-based literature data. Astronomy and Astrophysics, 2013, 559, A114.	5.1	409
27	Mass-metallicity relation explored with CALIFA. Astronomy and Astrophysics, 2013, 554, A58.	5.1	209
28	CALIFA, the Calar Alto Legacy Integral Field Area survey. Astronomy and Astrophysics, 2013, 549, A87.	5.1	170
29	Cosmic Rays in the Orion Bar. Thirty Years of Astronomical Discovery With UKIRT, 2013, , 277-282.	0.3	0
30	A NEW SCALING RELATION FOR H II REGIONS IN SPIRAL GALAXIES: UNVEILING THE TRUE NATURE OF THE MASS-METALLICITY RELATION. Astrophysical Journal Letters, 2012, 756, L31.	8.3	98
31	Integral field spectroscopy of a sample of nearby galaxies. Astronomy and Astrophysics, 2012, 546, A2.	5.1	138
32	Evolution of star-forming dwarf galaxies: characterizing the star formation scenarios. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1294-1308.	4.4	8
33	The NGC 7771+NGC 7770 minor merger: harassing the little one?. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 425, L46-L50.	3.3	14
34	High-resolution spectroscopy of the blue compact dwarf galaxy Haroâ€“15 - II. Chemodynamics. Monthly Notices of the Royal Astronomical Society, 2012, 422, 3475-3494.	4.4	20
35	Integral field spectroscopy of nitrogen overabundant blue compact dwarf galaxies. Astronomy and Astrophysics, 2011, 532, A141.	5.1	46
36	PPAK Wide-field Integral Field Spectroscopy of NGCâ€“628 - I. The largest spectroscopic mosaic on a single galaxyâˆ“.... Monthly Notices of the Royal Astronomical Society, 2011, 410, 313-340.	4.4	70

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37	Abundance determination of multiple star-forming regions in the H&fii galaxy SDSS J165712.75+321141.4. Monthly Notices of the Royal Astronomical Society, 2011, 414, 272-288.	4.4	17
38	High-resolution spectroscopy of the blue compact dwarf galaxy Haro 15 - I. Internal kinematics. Monthly Notices of the Royal Astronomical Society, 2011, 414, 3288-3297.	4.4	15
39	Hydrostatic photoionization models of the Orion Bar. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1546-1555.	4.4	5
40	PPAK wide-field Integral Field Spectroscopy of NGC&f628 - II. Emission line abundance analysis&~.... Monthly Notices of the Royal Astronomical Society, 2011, 415, 2439-2474.	4.4	83
41	THE 100 Myr STAR FORMATION HISTORY OF NGC 5471 FROM CLUSTER AND RESOLVED STELLAR PHOTOMETRY. Astronomical Journal, 2011, 141, 126.	4.7	17
42	A comprehensive approach to analyzing the XMM-Newton data of Seyfert 1 galaxies. Astronomy and Astrophysics, 2011, 530, A125.	5.1	9
43	Integral field spectroscopy of H&fii region complexes: the outer disc of NGC&f6946. Monthly Notices of the Royal Astronomical Society, 2010, 408, 2234-2255.	4.4	31
44	popstar evolutionary synthesis models II: optical emission-line spectra from giant H&fii regions. Monthly Notices of the Royal Astronomical Society, 2010, 403, 2012-2032.	4.4	34
45	Photoionized gas in hydrostatic equilibrium: the role of gravity. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	1
46	Disentangling the metallicity and star formation history of H&fii galaxies through tailor-made models. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	9
47	PINGS: the PPAK IFS Nearby Galaxies Survey. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	35
48	Subarcsecond radio continuum mapping in and around the spiral galaxy NGC&f3351 using MERLIN. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	0
49	The circumnuclear environment of the peculiar galaxy NGC&f3310. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1005-1026.	4.4	15
50	Star formation in NGC5471. Astrophysics and Space Science, 2009, 324, 337-340.	1.4	0
51	Kinematics of gas and stars in circumnuclear star-forming regions of early-type spirals. Astrophysics and Space Science, 2009, 324, 341-342.	1.4	0
52	Properties of the ionised gas of circumnuclear star-forming regions in early-type spirals. Astrophysics and Space Science, 2009, 324, 209-214.	1.4	0
53	On the derivation of dynamical masses of the stellar clusters in the circumnuclear region of NGC&f2903. Monthly Notices of the Royal Astronomical Society, 2009, 396, 2295-2312.	4.4	16
54	Haro15: Is it actually a low metallicity galaxy?. Proceedings of the International Astronomical Union, 2009, 5, 243-244.	0.0	0

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55	Long-slit spectrophotometry of the multiple knots of the polar ring galaxy II Zw 71. <i>Astronomy and Astrophysics</i> , 2009, 497, 53-63.	5.1	17
56	Characterization of the emitting and absorbing media around the nucleus of the active galaxy UGC 11763 using XMM-Newton data. <i>Astronomy and Astrophysics</i> , 2009, 505, 541-551.	5.1	13
57	The evolution of H II galaxies: testing the bursting scenario through the use of self-consistent models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 854-866.	4.4	18
58	Stellar Populations Found in the Central Kiloparsec of Four Luminous Compact Blue Galaxies at Intermediate Redshift. <i>Astronomical Journal</i> , 2007, 134, 2455-2473.	4.7	9
59	The nature of the Wolf-Rayet galaxy Mrk 209 from photoionization models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1195-1205.	4.4	17
60	Kinematics of gas and stars in the circumnuclear star-forming ring of NGC 3351. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 378, 163-178.	4.4	32
61	Neon and argon optical emission lines in ionized gaseous nebulae: implications and applications. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 125-135.	4.4	74
62	The metal abundance of circumnuclear star-forming regions in early-type spirals. Spectrophotometric observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 251-269.	4.4	54
63	XMM-Newton RGS spectra of four Seyfert 1 galaxies. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 335-336.	0.0	0
64	The impact of the visibility of the [O III] λ 4363 line on the general properties of H II galaxies in the Local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 365, 454-468.	4.4	26
65	The temperature and ionization structure of the emitting gas in H II galaxies: implications for the accuracy of abundance determinations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 293-312.	4.4	70
66	The nitrogen-to-oxygen evolution in galaxies: the role of the star formation rate. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 1069-1080.	4.4	81
67	An empirical calibration of sulphur abundance in ionised gaseous nebulae. <i>Astronomy and Astrophysics</i> , 2006, 449, 193-201.	5.1	27
68	A grid of chemical evolution models as a tool to interpret spiral and irregular galaxies data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 358, 521-543.	4.4	112
69	A comparative analysis of empirical calibrators for nebular metallicity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 361, 1063-1076.	4.4	111
70	Structural parameters of nearby emission-line galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, 1087-1106.	4.4	15
71	Hubble Space Telescope Spectroscopy of Four Luminous Compact Blue Galaxies at Intermediate Redshift. <i>Astronomical Journal</i> , 2004, 128, 1541-1551.	4.7	15
72	Galactic evolution along the hubble sequence. <i>Astrophysics and Space Science</i> , 2003, 284, 767-770.	1.4	0

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73	Line temperatures and elemental abundances in H II galaxies. Monthly Notices of the Royal Astronomical Society, 2003, 346, 105-118.	4.4	112
74	On the Large Escape of Ionizing Radiation from Giant Extragalactic H [CSC]ii/[CSC] Regions. Astrophysical Journal, 2002, 565, L79-L82.	4.5	35
75	A comprehensive study of reported high-metallicity giant H ii regions â€™ I. Detailed abundance analysis. Monthly Notices of the Royal Astronomical Society, 2002, 329, 315-335.	4.4	80
76	A comprehensive study of reported high-metallicity giant H ii regions â€™ II. Ionizing stellar populations. Monthly Notices of the Royal Astronomical Society, 2002, 337, 540-552.	4.4	12
77	Radial Gradients of Abundances. Astrophysics and Space Science, 2002, 281, 141-142.	1.4	0
78	Stellar populations in the nuclear regions of nearby radio galaxies. Monthly Notices of the Royal Astronomical Society, 2001, 325, 636-648.	4.4	42
79	Empirical Abundance Determination for Ionized Nebulae. Astrophysics and Space Science, 2001, 277, 197-197.	1.4	0
80	The Evolution of Stellar Populations. Astrophysics and Space Science, 2001, 277, 361-368.	1.4	0
81	The Stellar Populations of Nearby Radiogalaxies. Springer Proceedings in Physics, 2001, , 157-162.	0.2	0
82	V, R, I and HÂ photometry of circumnuclear star-forming regions in four galaxies with different levels of nuclear activity. Monthly Notices of the Royal Astronomical Society, 2000, 311, 120-134.	4.4	26
83	Broad-band and HÂ surface photometry of the central regions of nearby active galaxies – I. Observations. Monthly Notices of the Royal Astronomical Society, 2000, 312, 2-32.	4.4	24
84	An empirical calibration of nebular abundances based on the sulphur emission lines. Monthly Notices of the Royal Astronomical Society, 2000, 312, 130-138.	4.4	73
85	Chemical abundances and ionizing clusters of H ii regions in the LINER galaxy NGC 4258. Monthly Notices of the Royal Astronomical Society, 2000, 318, 462-474.	4.4	70
86	Stellar indices and kinematics in Seyfert 1 nuclei. Monthly Notices of the Royal Astronomical Society, 2000, 317, 907-921.	4.4	19
87	Empirical Calibrations of Nebular Abundances: The Sulphur Abundance Parameter. Globular Clusters - Guides To Galaxies, 1999, , 134-138.	0.1	0
88	CCD Surface Photometry of Nearby Active Galaxies. Astrophysics and Space Science, 1998, 263, 107-110.	1.4	0
89	Star Formation in Circumnuclear Rings. Astrophysics and Space Science, 1998, 263, 139-142.	1.4	0
90	Functional and Physical Parameters of HII Galaxies. Astrophysics and Space Science, 1998, 263, 143-146.	1.4	16

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91	Chemical Evolution in the Early Universe: Can Damp Ly α Systems Be Spiral Galaxies?. Astrophysics and Space Science, 1998, 263, 71-74.	1.4	0
92	Spectrophotometric Analysis of HII Regions in NGC 4258. Astrophysics and Space Science, 1998, 263, 135-138.	1.4	0
93	Women in the History of Astronomy. Astrophysics and Space Science, 1998, 263, 401-404.	1.4	3
94	Evolution of Spiral Galaxies. VII. Time Evolution of the Radial Distributions of Abundances. Astrophysical Journal, 1997, 475, 519-533.	4.5	82
95	The Stellar Content of Giant HII Regions in NGC 7714. Astrophysical Journal, 1997, 478, 112-123.	4.5	44
96	Damped L[CLC]y α Systems as Spiral Galaxies. Astrophysical Journal, 1997, 487, L29-L32.	4.5	12
97	A spectroscopic search for red supergiants in the M33 giant H II region NGC 604. Monthly Notices of the Royal Astronomical Society, 1996, 279, 1219-1234.	4.4	36
98	A Database for Galaxy Evolution Modeling. Publications of the Astronomical Society of the Pacific, 1996, 108, 996.	3.1	156
99	Evolution of Spiral Galaxies. VI. Radial Distributions of Abundances in External Galaxies. Astrophysical Journal, 1996, 466, 668.	4.5	62
100	The starburst galaxy NGC 7714. Astrophysical Journal, 1995, 439, 604.	4.5	70
101	Evolution of spiral galaxies. 3: Application of the multiphase model to the galactic disk. Astrophysical Journal, 1994, 427, 745.	4.5	83
102	Violent star formation in NGC 2363. Astrophysical Journal, 1994, 437, 239.	4.5	122
103	Evolutionary models for high-metallicity giant extragalactic H II regions. Astrophysical Journal, Supplement Series, 1994, 91, 553.	7.7	28
104	Testing the consistency of the Starburst scenario for active galactic nuclei. Astrophysics and Space Science, 1993, 205, 77-84.	1.4	1
105	The Ca II triplet lines in Starburst and AGN. Astrophysics and Space Science, 1993, 205, 85-89.	1.4	1
106	Optical and near-IR spectrophotometry of the galaxy NGC 3310. Monthly Notices of the Royal Astronomical Society, 1993, 260, 177-190.	4.4	56
107	New detections of Ly α emission in young galaxies. Monthly Notices of the Royal Astronomical Society, 1993, 260, 3-8.	4.4	37
108	Abundance analysis of giant H II regions in M51. Monthly Notices of the Royal Astronomical Society, 1991, 253, 245-255.	4.4	101

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109	High-resolution surface photometry of the core of NGC 4151. Monthly Notices of the Royal Astronomical Society, 1991, 249, 36-45.	4.4	15
110	CCD surface photometry of the Seyfert 1 galaxy NGC 4151. Astrophysics and Space Science, 1990, 171, 29-41.	1.4	0
111	Light curve fittings of active galactic nuclei using supernova explosions. Astrophysics and Space Science, 1990, 171, 61-64.	1.4	0
112	A population synthesis model for the ultraviolet spectrum of the peculiar galaxy NGC 1672. Astrophysics and Space Science, 1990, 171, 65-69.	1.4	2
113	Detection of Ca II absorption triplet in a circumnuclear H II region of NGC 3310. Monthly Notices of the Royal Astronomical Society, 1990, 242, 48P-51P.	4.4	14
114	On the behaviour of the IR CA II triplet in normal and active galaxies. Monthly Notices of the Royal Astronomical Society, 1990, 242, 271-284.	4.4	125
115	Near-IR features in late type stars: their relation with stellar atmosphere parameters. Monthly Notices of the Royal Astronomical Society, 1989, 239, 325-345.	4.4	112
116	Stellar atmospheric parameters and the IR CaII triplet. Astrophysics and Space Science, 1989, 157, 15-21.	1.4	9
117	A simple population synthesis model for the continuum of the Seyfert type-2 galaxy Mk 348. Astrophysics and Space Science, 1989, 157, 125-130.	1.4	3
118	The chemical composition gradient across M 33. Monthly Notices of the Royal Astronomical Society, 1988, 235, 633-653.	4.4	170
119	Hydrogen absorption line profiles of ionizing star clusters. Monthly Notices of the Royal Astronomical Society, 1988, 231, 57-67.	4.4	35
120	Detailed spectrophotometric study of the giant H II region NGC 604. Monthly Notices of the Royal Astronomical Society, 1987, 226, 19-37.	4.4	63
121	Sulphur III lines and the excitation mechanism in NGC 1052. Monthly Notices of the Royal Astronomical Society, 1985, 214, 41P-45P.	4.4	15
122	The chemical evolution of spiral galaxies: M51, NGC 2403, NGC 6946 and IC 342. Monthly Notices of the Royal Astronomical Society, 1985, 217, 571-584.	4.4	15
123	The intensities of the sulphur III lines and the ionization mechanisms in Liners. Monthly Notices of the Royal Astronomical Society, 1985, 212, 737-749.	4.4	26
124	The chemical evolution of spiral galaxies: the Galaxy, M31, M33, M83 and M101. Monthly Notices of the Royal Astronomical Society, 1984, 208, 365-377.	4.4	33
125	On the nature of the stellar population in the nucleus of the Sd galaxy NGC 7793. Monthly Notices of the Royal Astronomical Society, 1982, 201, 49P-55P.	4.4	6
126	Precision abundance analysis of bright H&fii galaxies. Monthly Notices of the Royal Astronomical Society, 0, 383, 209-229.	4.4	91