

Alejandro Vazdekis

List of Publications by Year in descending order

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165
papers

9,851
citations

47006

47
h-index

36028

97
g-index

169
all docs

169
docs citations

169
times ranked

4716
citing authors

#	ARTICLE	IF	CITATIONS
1	Medium-resolution Isaac Newton Telescope library of empirical spectra. Monthly Notices of the Royal Astronomical Society, 2006, 371, 703-718.	4.4	1,147
2	CALIFA, the Calar Alto Legacy Integral Field Area survey. Astronomy and Astrophysics, 2012, 538, A8.	5.1	904
3	An updated MILES stellar library and stellar population models. Astronomy and Astrophysics, 2011, 532, A95.	5.1	529
4	Evolutionary stellar population synthesis with MILES - I. The base models and a new line index system. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	379
5	A New Chemo-evolutionary Population Synthesis Model for Early-Type Galaxies. I. Theoretical Basis. Astrophysical Journal, Supplement Series, 1996, 106, 307.	7.7	315
6	Evolutionary Stellar Population Synthesis at 2 Å Spectral Resolution. Astrophysical Journal, 1999, 513, 224-241.	4.5	290
7	Empirical calibration of the near-infrared Ca II triplet – I. The stellar library and index definition. Monthly Notices of the Royal Astronomical Society, 2001, 326, 959-980.	4.4	277
8	UV-extended E-MILES stellar population models: young components in massive early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3409-3436.	4.4	267
9	MIUSCAT: extended MILES spectral coverage - I. Stellar population synthesis models. Monthly Notices of the Royal Astronomical Society, 2012, 424, 157-171.	4.4	248
10	Evolutionary stellar population synthesis with MILES – II. Scaled-solar and α -enhanced models. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1177-1214.	4.4	244
11	SPIDER VIII – constraints on the stellar initial mass function of early-type galaxies from a variety of spectral features. Monthly Notices of the Royal Astronomical Society, 2013, 433, 3017-3047.	4.4	226
12	Medium-resolution Isaac Newton Telescope library of empirical spectra - II. The stellar atmospheric parameters. Monthly Notices of the Royal Astronomical Society, 2007, 374, 664-690.	4.4	215
13	Systematic variation of the stellar initial mass function with velocity dispersion in early-type galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 429, L15-L19.	3.3	184
14	A New Chemo-evolutionary Population Synthesis Model for Early-Type Galaxies. II. Observations and Results. Astrophysical Journal, Supplement Series, 1997, 111, 203-232.	7.7	158
15	A Database for Galaxy Evolution Modeling. Publications of the Astronomical Society of the Pacific, 1996, 108, 996.	3.1	156
16	SUPERDENSE MASSIVE GALAXIES IN THE NEARBY UNIVERSE. Astrophysical Journal, 2009, 692, L118-L122.	4.5	154
17	Near-infrared line-strengths in elliptical galaxies: evidence for initial mass function variations?. Monthly Notices of the Royal Astronomical Society, 2003, 339, L12-L16.	4.4	151
18	Empirical calibration of the near-infrared Ca II triplet – IV. The stellar population synthesis models. Monthly Notices of the Royal Astronomical Society, 2003, 340, 1317-1345.	4.4	146

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19	Radial variations in the stellar initial mass function of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 1033-1048.	4.4	146
20	Early-type galaxies in low-density environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 337, 172-198.	4.4	122
21	A Robust Age Indicator for Old Stellar Populations. <i>Astrophysical Journal</i> , 1999, 525, 144-152.	4.5	105
22	Resolving galaxies in time and space. <i>Astronomy and Astrophysics</i> , 2014, 561, A130.	5.1	99
23	IMFâ€“METALLICITY: A TIGHT LOCAL RELATION REVEALED BY THE CALIFA SURVEY. <i>Astrophysical Journal Letters</i> , 2015, 806, L31.	8.3	99
24	NGC 1277: A MASSIVE COMPACT RELIC GALAXY IN THE NEARBY UNIVERSE. <i>Astrophysical Journal Letters</i> , 2014, 780, L20.	8.3	92
25	Impact of metallicity and star formation rate on the time-dependent, galaxy-wide stellar initial mass function. <i>Astronomy and Astrophysics</i> , 2018, 620, A39.	5.1	91
26	Galactic bulges from Hubble Space Telescope NICMOS observations: ages and dust. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 310, 703-716.	4.4	89
27	A distance of 13 Mpc resolves the claimed anomalies of the galaxy lacking dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1192-1219.	4.4	88
28	The X-shooter Spectral Library (XSL). <i>Astronomy and Astrophysics</i> , 2014, 565, A117.	5.1	86
29	Stellar population models in the UV. <i>Astronomy and Astrophysics</i> , 2012, 538, A143.	5.1	82
30	Radial constraints on the initial mass function from TiO features and Wingâ€“Ford band in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1468-1489.	4.4	82
31	The relation between stellar populations, structure and environment for dwarf elliptical galaxies from the MAGPOP-ITP. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1374-1392.	4.4	78
32	The galaxy-wide initial mass function of dwarf late-type to massive early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3309-3320.	4.4	76
33	Stellar populations and surface brightness fluctuations: new observations and models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 320, 193-216.	4.4	75
34	Empirical calibration of the near-infrared Ca II triplet – II. The stellar atmospheric parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 326, 981-994.	4.4	71
35	The (galaxy-wide) IMF in giant elliptical galaxies: from top to bottom. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2274-2280.	4.4	69
36	The initial mass function of a massive relic galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1081-1089.	4.4	69

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37	Empirical calibration of the near-infrared Ca ii triplet $\hat{\alpha}$ III. Fitting functions. Monthly Notices of the Royal Astronomical Society, 2002, 329, 863-876.	4.4	68
38	Origin of E+A galaxies - I. Physical properties of E+A galaxies formed from galaxy merging and interaction. Monthly Notices of the Royal Astronomical Society, 2005, 359, 949-965.	4.4	67
39	IMF shape constraints from stellar populations and dynamics from CALIFA. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3220-3225.	4.4	66
40	On the Origin of the Color-Magnitude Relation in the Virgo Cluster. Astrophysical Journal, 2001, 551, L127-L130.	4.5	64
41	An optimized $H\hat{\alpha}^2$ index for disentangling stellar population ages. Monthly Notices of the Royal Astronomical Society, 2009, 392, 691-704.	4.4	63
42	Timing the formation and assembly of early-type galaxies via spatially resolved stellar populations analysis. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3700-3729.	4.4	61
43	Spectroscopic characterization of the stellar content of ultra-diffuse galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2034-2045.	4.4	58
44	47 Tucanae: The Spectroscopic versus Color-Magnitude Diagram Age Discrepancy. Astrophysical Journal, 2001, 549, 274-280.	4.5	56
45	IMF and [Na/Fe] abundance ratios from optical and NIR spectral features in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 464, 3597-3616.	4.4	56
46	MIUSCAT: extended MILES spectral coverage - II. Constraints from optical photometry. Monthly Notices of the Royal Astronomical Society, 2012, 424, 172-189.	4.4	55
47	The X-shooter Spectral Library (XSL): Data release 2. Astronomy and Astrophysics, 2020, 634, A133.	5.1	55
48	MILES extended: Stellar population synthesis models from the optical to the infrared. Astronomy and Astrophysics, 2016, 589, A73.	5.1	47
49	Stellar atmospheric parameters for 754 spectra from the X-shooter Spectral Library. Astronomy and Astrophysics, 2019, 627, A138.	5.1	46
50	Radial Age and Metal Abundance Gradients in the Stellar Content of M32. Astronomical Journal, 2005, 129, 712-728.	4.7	45
51	Stellar population synthesis models between 2.5 and 5 $\hat{\mu}$ m based on the empirical IRTF stellar library. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2853-2874.	4.4	45
52	Two new confirmed massive relic galaxies: red nuggets in the present-day Universe. Monthly Notices of the Royal Astronomical Society, 0, , stx171.	4.4	44
53	Young ages and other intriguing properties of massive compact galaxies in the local Universe. Monthly Notices of the Royal Astronomical Society, 2012, 423, 632-646.	4.4	42
54	Stellar Populations of Elliptical Galaxies in Virgo Cluster. I. The Data and Stellar Population Analysis. Astrophysical Journal, 2006, 637, 200-213.	4.5	42

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55	Truncated Star Formation in Compact Groups of Galaxies: A Stellar Population Study. <i>Astronomical Journal</i> , 2007, 133, 330-346.	4.7	39
56	IMF radial gradients in most massive early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4090-4110.	4.4	39
57	A new stellar library in the region of the CO index at $2.3 \mu\text{m}$. <i>Astronomy and Astrophysics</i> , 2008, 489, 885-909.	5.1	39
58	Bottom-heavy initial mass function in a nearby compact L galaxy. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 434, L31-L35.	3.3	38
59	Fully cosmological virtual massive galaxies at $z \sim 0$: kinematical, morphological and stellar population characterization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3507-3524.	4.4	37
60	Further evidence for a time-dependent initial mass function in massive early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 448, L82-L86.	3.3	36
61	Sub one per cent mass fractions of young stars in red massive galaxies. <i>Nature Astronomy</i> , 2020, 4, 252-259.	10.1	36
62	Constraining the formation of inner bars: photometry, kinematics and stellar populations in NGC 357. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 1092-1106.	4.4	32
63	The impact of a non-universal Initial Mass Function on the star formation histories of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 440-454.	4.4	32
64	The initial mass function of early-type galaxies: no correlation with $[\text{Mg}/\text{Fe}]$. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 449, L137-L141.	3.3	32
65	Distinct stellar populations in the inner bars of double-barred galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 2397-2418.	4.4	31
66	The Near-Infrared Ca ii Triplet- Relation for Bulges of Spiral Galaxies. <i>Astrophysical Journal</i> , 2003, 588, L17-L20.	4.5	29
67	Stellar Kinematics in Double-Barred Galaxies: The \bar{f} -Hollows. <i>Astrophysical Journal</i> , 2008, 684, L83-L86.	4.5	29
68	A detailed two-dimensional stellar population study of M32. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 321, 227-238.	4.4	26
69	Minor axis kinematics of 19 S0-Sbc bulges. <i>Astronomy and Astrophysics</i> , 2003, 405, 455-471.	5.1	26
70	The hELENA project I. Stellar populations of early-type galaxies linked with local environment and galaxy mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 815-838.	4.4	26
71	Stellar content of extremely red quiescent galaxies at $z > 2$. <i>Astronomy and Astrophysics</i> , 2017, 600, A91.	5.1	26
72	Impact of young stellar components on quiescent galaxies: deconstructing cosmic chronometers. <i>Astronomy and Astrophysics</i> , 2018, 614, A127.	5.1	25

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73	The Revised MG 2 Index as a Metallicity Indicator for Stellar Systems: Giant Elliptical Galaxies and Bulges. <i>Astrophysical Journal</i> , 1996, 458, 533.	4.5	24
74	Two-dimensional line-strength maps in three well-studied early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 310, 863-878.	4.4	23
75	SEARCH FOR BLUE COMPACT DWARF GALAXIES DURING QUIESCENCE. II. METALLICITIES OF GAS AND STARS, AGES, AND STAR FORMATION RATES. <i>Astrophysical Journal</i> , 2009, 698, 1497-1514.	4.5	23
76	EVIDENCE FOR INTERMEDIATE-AGE STELLAR POPULATIONS IN EARLY-TYPE GALAXIES FROM K -BAND SPECTROSCOPY. <i>Astrophysical Journal</i> , 2009, 705, L199-L203.	4.5	23
77	THE STELLAR INITIAL MASS FUNCTION AT 0.9 z & 1.5. <i>Astrophysical Journal Letters</i> , 2015, 798, L4.	8.3	23
78	The BaLROG project – II. Quantifying the influence of bars on the stellar populations of nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3784-3828.	4.4	23
79	Eclipse of the B3V companion and flaring of emission lines in V838 Monocerotis. <i>Astronomy and Astrophysics</i> , 2007, 474, 585-590.	5.1	23
80	Evidence for Blue Straggler Stars Rejuvenating the Integrated Spectra of Globular Clusters. <i>Astrophysical Journal</i> , 2008, 689, L29-L32.	4.5	22
81	Optical/NIR stellar absorption and emission-line indices from luminous infrared galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3228-3247.	4.4	21
82	On the Environmental Dependence of the Cluster Galaxy Assembly Timescale. <i>Astrophysical Journal</i> , 2004, 609, L45-L48.	4.5	20
83	Mg and TiO spectral features at the near-IR: spectrophotometric index definitions and empirical calibrations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1895-1914.	4.4	20
84	The influence of galaxy environment on the stellar initial mass function of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 5233-5252.	4.4	20
85	Chemical evolution of elliptical galaxies with a variable IMF. <i>Astronomy and Astrophysics</i> , 2019, 629, A93.	5.1	20
86	A Correlation between Light Profile and [Mg/Fe] Abundance Ratio in Early-Type Galaxies. <i>Astrophysical Journal</i> , 2004, 601, L33-L36.	4.5	19
87	Tests of model predictions for the responses of stellar spectra and absorption-line indices to element abundance variations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 952-974.	4.4	19
88	Single stellar populations in the near-infrared. <i>Astronomy and Astrophysics</i> , 2015, 582, A97.	5.1	19
89	Virgo cluster and field dwarf ellipticals in 3D – III. Spatially and temporally resolved stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1888-1901.	4.4	19
90	Carbon stars in the X-Shooter Spectral Library. <i>Astronomy and Astrophysics</i> , 2016, 589, A36.	5.1	19

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91	A few StePS forward in unveiling the complexity of galaxy evolution: light-weighted stellar ages of intermediate-redshift galaxies with WEAVE. <i>Astronomy and Astrophysics</i> , 2019, 632, A9.	5.1	18
92	Young LMC clusters: the role of red supergiants and multiple stellar populations in their integrated light and CMDs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3599-3614.	4.4	17
93	The X-shooter Spectral Library (XSL): Data Release 3. <i>Astronomy and Astrophysics</i> , 2022, 660, A34.	5.1	17
94	A TALE OF A RICH CLUSTER AT $z \approx 0.8$ AS SEEN BY THE STAR FORMATION HISTORIES OF ITS EARLY-TYPE GALAXIES. <i>Astrophysical Journal</i> , 2014, 797, 136.	4.5	16
95	Stellar content, planetary nebulae, and globular clusters of [KKS2000]04 (NGC 1052-DF2). <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5670-5678.	4.4	14
96	Ages of LMC star clusters using asad^2 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2151-2163.	4.4	13
97	The puzzling interpretation of NIR indices: The case of NaI _{2.21} . <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 361-372.	4.4	13
98	Modelling simple stellar populations in the near-ultraviolet to near-infrared with the X-shooter Spectral Library (XSL). <i>Astronomy and Astrophysics</i> , 2022, 661, A50.	5.1	13
99	sMILES: a library of semi-empirical MILES stellar spectra with variable $[\alpha/\text{Fe}]$ abundances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2286-2311.	4.4	12
100	Young stellar population gradients in central cluster galaxies from NUV and optical spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3368-3381.	4.4	12
101	Stellar populations of massive elliptical galaxies in very rich clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 1025-1033.	4.4	11
102	On the shape and evolution of a cosmic-ray-regulated galaxy-wide stellar initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 5678-5685.	4.4	11
103	The hELENA project – II. Abundance distribution trends of early-type galaxies: from dwarfs to giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4501-4509.	4.4	10
104	A NEW CATALOG OF HOMOGENIZED ABSORPTION LINE INDICES FOR MILKY WAY GLOBULAR CLUSTERS FROM HIGH-RESOLUTION INTEGRATED SPECTROSCOPY. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 24.	7.7	9
105	Abundance ratios in dwarf elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3453-3466.	4.4	8
106	Stellar spectral models compared with empirical data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1814-1832.	4.4	8
107	A comparison between X-shooter spectra and PHOENIX models across the HR-diagram. <i>Astronomy and Astrophysics</i> , 2021, 649, A97.	5.1	8
108	EVIDENCE OF A DISTINCT STELLAR POPULATION IN THE COUNTERROTATING CORE OF NGC 1700. <i>Astrophysical Journal Letters</i> , 2011, 732, L33.	8.3	7

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109	Evolutionary Stellar Population Synthesis at 2 Å... Spectral Resolution. <i>Astrophysics and Space Science</i> , 2001, 276, 921-929.	1.4	6
110	IMF and Velocity-Dispersion Effects on Optical Spectroscopic Absorption Features. <i>Astrophysics and Space Science</i> , 2001, 276, 839-844.	1.4	6
111	Single stellar populations in the near-infrared. <i>Astronomy and Astrophysics</i> , 2015, 582, A96.	5.1	6
112	Evolution of the anti-truncated stellar profiles of S0 galaxies since $\langle z \rangle = 0.6$ in the SHARDS survey. <i>Astronomy and Astrophysics</i> , 2018, 615, A26.	5.1	6
113	Detection of young (~ 20 Myr) stellar populations in apparently quenched low-mass galaxies using red spectral line indices. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1002-1012.	4.4	6
114	The imprints of bars on the vertical stellar population gradients of galactic bulges. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx051.	4.4	5
115	NGC 7457: evidence for merger-driven cylindrical rotation in disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1012-1025.	4.4	4
116	Comparing IMF-sensitive indices of intermediate-mass quiescent galaxies in various environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3788-3804.	4.4	4
117	Surface brightness fluctuation spectra to constrain stellar population properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5131-5152.	4.4	4
118	Fingerprints of stellar populations in the near-infrared: an optimized set of spectral indices in the JHK bands. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2190-2223.	4.4	4
119	Strong CO absorption features in massive ETGs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 378-400.	4.4	4
120	Inferring the helium abundance of extragalactic globular clusters using integrated spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 548-562.	4.4	4
121	On the Origin of S0 Stellar Populations. <i>Astrophysics and Space Science</i> , 2001, 276, 823-829.	1.4	3
122	Is the stellar initial mass function universal?. <i>Astronomy and Geophysics</i> , 2016, 57, 2.32-2.36.	0.2	3
123	Mild radial variations of the stellar IMF in the bulge of M31. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 415-434.	4.4	3
124	The Near-IR Calcium Triplet: Empirical Calibration and Stellar Populations Models. <i>Astrophysics and Space Science</i> , 2001, 277, 319-319.	1.4	2
125	CGCG 480-022: A Distant Lonesome Merger?. <i>Astrophysical Journal</i> , 2006, 648, L115-L118.	4.5	2
126	A new approach to derive $[\alpha/Fe]$ for integrated stellar populations. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, .	0.0	2

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127	A Photometric System for Metallicity Mapping in Galaxies. <i>Astrophysics and Space Science</i> , 2001, 276, 915-920.	1.4	1
128	The stellar content of a prototype double barred galaxy. <i>Astrophysics and Space Science</i> , 2003, 284, 925-928.	1.4	1
129	Star Formation Histories from Spectra: What Can We Believe?. <i>EAS Publications Series</i> , 2011, 48, 87-89.	0.3	1
130	Stellar content of extremely red quiescent galaxies at $z > 2$ (Corrigendum). <i>Astronomy and Astrophysics</i> , 2017, 603, C3.	5.1	1
131	An extension of the MILES library with derived $\langle T \rangle_{\text{eff}}$, $\log g$, $[\text{Fe}/\text{H}]$, and $[\alpha/\text{Fe}]$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4496-4514.	4.4	1
132	Surface brightness fluctuations to constrain secondary stellar populations: revealing very low-metallicity stars in massive galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3005-3029.	4.4	1
133	The Stellar Content of a Prototype Double Barred Galaxy. , 2003, , 631-634.		1
134	Reconstructing the mass accretion histories of nearby red nuggets with their globular cluster systems. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 381-385.	0.0	1
135	The relic galaxy NGC 1277 rules out intermediate-age stellar populations origin of CO-strong absorptions in massive early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 515, L56-L60.	3.3	1
136	Spectrophotometric Population Synthesis of Early Type Galaxies. <i>Symposium - International Astronomical Union</i> , 1996, 171, 460-460.	0.1	0
137	The Stellar Populations of the Bars of Barred Spirals Through Evolutionary Synthesis: First Results. <i>Astrophysics and Space Science</i> , 2001, 276, 651-658.	1.4	0
138	Stellar Ages and Metallicities Along the Bars of Barred Spirals. <i>Astrophysics and Space Science</i> , 2001, 277, 335-335.	1.4	0
139	The origin of the CMR in Virgo. <i>Astrophysics and Space Science</i> , 2001, 277, 359-359.	1.4	0
140	47 Tucanae: The Spectroscopic versus CMD Age Discrepancy. <i>Symposium - International Astronomical Union</i> , 2002, 207, 610-615.	0.1	0
141	Spectroscopic Ages of Elliptical Galaxies – Subaru Observation. , 0, , 302-307.		0
142	The Relation Between Stellar Populations and Light Profiles in Early-Type Galaxies. , 0, , 469-470.		0
143	A new stellar library in the K band for the empirical calibration of the CO index. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, .	0.0	0
144	New Empirical Fitting Functions of the Lick/IDS indices using MILES. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, .	0.0	0

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145	Modelling Lick spectroscopic indexes with the tunable filters of OSIRIS on GTC. <i>New Astronomy Reviews</i> , 2006, 49, 670-674.	12.8	0
146	Kinematics and stellar populations of the double-barred early-type galaxy NGC357. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 137-138.	0.0	0
147	Ages and chemical properties of stellar populations from integrated spectra and spectral indexes. , 2009, , .		0
148	Blue Stragglers: Spectra of Globular Clusters. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 23-26.	0.0	0
149	MILES SSP Models. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 65-68.	0.0	0
150	A SAURON view of double-barred galaxies. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 323-324.	0.0	0
151	Stellar population study in early-type galaxies: an approach from the K band. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 85-88.	0.0	0
152	Effects of Non-Solar Abundance Ratios on Star Spectra: Observations versus Models. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 12-15.	0.0	0
153	An empirical spectral library of chemically well characterized stars for stellar population modelling. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 29-31.	0.0	0
154	The intriguing properties of local compact massive galaxies: What are they?. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 240-240.	0.0	0
155	Structure and dynamics of massive galaxies at $z=0$ in a fully cosmological simulation. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 366-366.	0.0	0
156	The IMF-SFH connection in massive early-type galaxies. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, .	0.0	0
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