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List of Publications by Citations

267 papers	13,550 citations	52 h-index	111 g-index
287 ext. papers	16,562 ext. citations	5.2 avg, IF	5.39 L-index

#	Paper	IF	Citations
267	Multi-messenger Observations of a Binary Neutron Star Merger. *Astrophysical Journal Letters*, **2017**, 848, L12	7.9	1935
266	Improved cosmological constraints from a joint analysis of the SDSS-II and SNLS supernova samples. *Astronomy and Astrophysics*, **2014**, 568, A22	5.1	1153
265	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. *Astronomical Journal*, **2017**, 154, 28	4.9	733
264	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. *Astrophysical Journal, Supplement Series*, **2018**, 235, 42	8	657
263	A kilonova as the electromagnetic counterpart to a gravitational-wave source. *Nature*, **2017**, 551, 75-79	50.4	420
262	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. *Astrophysical Journal, Supplement Series*, **2020**, 249, 3	8	363
261	The O3N2 and N2 abundance indicators revisited: improved calibrations based on CALIFA andTe-based literature data. *Astronomy and Astrophysics*, **2013**, 559, A114	5.1	311
260	A characteristic oxygen abundance gradient in galaxy disks unveiled with CALIFA. *Astronomy and Astrophysics*, **2014**, 563, A49	5.1	308
259	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. *Astrophysical Journal, Supplement Series*, **2019**, 240, 23	8	214
258	The nature of LINER galaxies:. *Astronomy and Astrophysics*, **2013**, 558, A43	5.1	190
257	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. *Astrophysical Journal Letters*, **2016**, 826, L13	7.9	183
256	PESSTO: survey description and products from the first data release by the Public ESO Spectroscopic Survey of Transient Objects. *Astronomy and Astrophysics*, **2015**, 579, A40	5.1	178
255	Mass-metallicity relation explored with CALIFA. *Astronomy and Astrophysics*, **2013**, 554, A58	5.1	177
254	The CALIFA survey across the Hubble sequence. *Astronomy and Astrophysics*, **2015**, 581, A103	5.1	175
253	CALIFA: a diameter-selected sample for an integral field spectroscopy galaxy survey. *Astronomy and Astrophysics*, **2014**, 569, A1	5.1	170
252	CALIFA, the Calar Alto Legacy Integral Field Area survey. *Astronomy and Astrophysics*, **2013**, 549, A87	5.1	155
251	CALIFA, the Calar Alto Legacy Integral Field Area survey. *Astronomy and Astrophysics*, **2016**, 594, A36	5.1	145

250	CALIFA, the Calar Alto Legacy Integral Field Area survey. *Astronomy and Astrophysics*, **2015**, 576, A135	5.1	133
249	On the diversity of superluminous supernovae: ejected mass as the dominant factor. *Monthly Notices of the Royal Astronomical Society*, **2015**, 452, 3869-3893	4.3	123
248	Early-time light curves of Type Ib/c supernovae from the SDSS-II Supernova Survey. *Astronomy and Astrophysics*, **2015**, 574, A60	5.1	114
247	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. *Astrophysical Journal Letters*, **2019**, 872, L30	7.9	113
246	SPATIALLY RESOLVED STAR FORMATION MAIN SEQUENCE OF GALAXIES IN THE CALIFA SURVEY. *Astrophysical Journal Letters*, **2016**, 821, L26	7.9	112
245	Shape of the oxygen abundance profiles in CALIFA face-on spiral galaxies. *Astronomy and Astrophysics*, **2016**, 587, A70	5.1	103
244	Star formation along the Hubble sequence. *Astronomy and Astrophysics*, **2016**, 590, A44	5.1	103
243	SN 2015bn: A DETAILED MULTI-WAVELENGTH VIEW OF A NEARBY SUPERLUMINOUS SUPERNOVA. *Astrophysical Journal*, **2016**, 826, 39	4.7	102
242	First cosmological results using Type Ia supernovae from the Dark Energy Survey: measurement of the Hubble constant. *Monthly Notices of the Royal Astronomical Society*, **2019**, 486, 2184-2196	4.3	93
241	Stellar kinematics across the Hubble sequence in the CALIFA survey: general properties and aperture corrections. *Astronomy and Astrophysics*, **2017**, 597, A48	5.1	89
240	LSQ14bdq: A TYPE Ic SUPER-LUMINOUS SUPERNOVA WITH A DOUBLE-PEAKED LIGHT CURVE. *Astrophysical Journal Letters*, **2015**, 807, L18	7.9	85
239	The rise-time of Type II supernovae. *Monthly Notices of the Royal Astronomical Society*, **2015**, 451, 2212-2239	4.3	80
238	The shape of oxygen abundance profiles explored with MUSE: evidence for widespread deviations from single gradients. *Astronomy and Astrophysics*, **2018**, 609, A119	5.1	79
237	Star formation in the local Universe from the CALIFA sample. *Astronomy and Astrophysics*, **2015**, 584, A87	5.1	78
236	Two-dimensional multi-component photometric decomposition of CALIFA galaxies. *Astronomy and Astrophysics*, **2017**, 598, A32	5.1	78
235	The mass-metallicity relation revisited with CALIFA. *Monthly Notices of the Royal Astronomical Society*, **2017**, 469, 2121-2140	4.3	77
234	INSIGHTS ON THE STELLAR MASS-METALLICITY RELATION FROM THE CALIFA SURVEY. *Astrophysical Journal Letters*, **2014**, 791, L16	7.9	74
233	Nebular emission and the Lyman continuum photon escape fraction in CALIFA early-type galaxies. *Astronomy and Astrophysics*, **2013**, 555, L1	5.1	73

232	MEASUREMENTS OF THE RATE OF TYPE Ia SUPERNOVAE AT REDSHIFT ?0.3 FROM THE SLOAN DIGITAL SKY SURVEY II SUPERNOVA SURVEY. *Astrophysical Journal*, **2010**, 713, 1026-1036	4.7	70
231	Characterizing the environments of supernovae with MUSE. *Monthly Notices of the Royal Astronomical Society*, **2016**, 455, 4087-4099	4.3	69
230	Nearby supernova host galaxies from the CALIFA Survey. *Astronomy and Astrophysics*, **2014**, 572, A38	5.1	68
229	The Data Release of the Sloan Digital Sky Survey-II Supernova Survey. *Publications of the Astronomical Society of the Pacific*, **2018**, 130, 064002	5	68
228	Imprints of galaxy evolution on H II regions. *Astronomy and Astrophysics*, **2015**, 574, A47	5.1	67
227	Warm ionized gas in CALIFA early-type galaxies. *Astronomy and Astrophysics*, **2016**, 588, A68	5.1	66
226	PISCO: The PMAS/PPak Integral-field Supernova Hosts Compilation. *Astrophysical Journal*, **2018**, 855, 107	4.7	64
225	UBVRIzLIGHT CURVES OF 51 TYPE II SUPERNOVAE. *Astronomical Journal*, **2016**, 151, 33	4.9	64
224	Type II Supernova Spectral Diversity. I. Observations, Sample Characterization, and Spectral Line Evolution. *Astrophysical Journal*, **2017**, 850, 89	4.7	60
223	The effects of spatial resolution on integral field spectrograph surveys at different redshifts □The CALIFA perspective. *Astronomy and Astrophysics*, **2014**, 561, A129	5.1	60
222	J-PLUS: The Javalambre Photometric Local Universe Survey. *Astronomy and Astrophysics*, **2019**, 622, A176	5.1	59
221	Investigating the properties of stripped-envelope supernovae; what are the implications for their progenitors?. *Monthly Notices of the Royal Astronomical Society*, **2019**, 485, 1559-1578	4.3	57
220	THE CORE COLLAPSE SUPERNOVA RATE FROM THE SDSS-II SUPERNOVA SURVEY. *Astrophysical Journal*, **2014**, 792, 135	4.7	57
219	Complexity in the light curves and spectra of slow-evolving superluminous supernovae. *Monthly Notices of the Royal Astronomical Society*, **2017**, 468, 4642-4662	4.3	54
218	IMF shape constraints from stellar populations and dynamics from CALIFA. *Monthly Notices of the Royal Astronomical Society*, **2016**, 463, 3220-3225	4.3	53
217	THE SUBLUMINOUS SUPERNOVA 2007qd: A MISSING LINK IN A FAMILY OF LOW-LUMINOSITY TYPE Ia SUPERNOVAE. *Astrophysical Journal*, **2010**, 720, 704-716	4.7	53
216	The delay of shock breakout due to circumstellar material evident in most type II supernovae. *Nature Astronomy*, **2018**, 2, 808-818	12.1	53
215	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. *Astrophysical Journal*, **2019**, 874, 150	4.7	52

214	Nearby supernova host galaxies from the CALIFA survey. *Astronomy and Astrophysics*, **2016**, 591, A48	5.1	51
213	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. *Physical Review Letters*, **2019**, 122, 171301	7.4	50
212	Hot gas around SN 1998bw: Inferring the progenitor from its environment. *Astronomy and Astrophysics*, **2017**, 602, A85	5.1	49
211	HUBBLE SPACE TELESCOPEAND GROUND-BASED OBSERVATIONS OF THE TYPE Iax SUPERNOVAE SN 2005hk AND SN 2008A. *Astrophysical Journal*, **2014**, 786, 134	4.7	49
210	The evolution of superluminous supernova LSQ14mo and its interacting host galaxy system. *Astronomy and Astrophysics*, **2017**, 602, A9	5.1	47
209	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am. *Astrophysical Journal*, **2018**, 853, 62	4.7	47
208	Models and Simulations for the Photometric LSST Astronomical Time Series Classification Challenge (PLAsTiCC). *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 094501	5	47
207	Pan-STARRS and PESSTO search for an optical counterpart to the LIGO gravitational-wave source GW150914. *Monthly Notices of the Royal Astronomical Society*, **2016**, 462, 4094-4116	4.3	45
206	Constraints on core-collapse supernova progenitors from explosion site integral field spectroscopy. *Astronomy and Astrophysics*, **2018**, 613, A35	5.1	43
205	Statistical Studies of Supernova Environments. *Publications of the Astronomical Society of Australia*, **2015**, 32,	5.5	43
204	The type Iax supernova, SN 2015H. *Astronomy and Astrophysics*, **2016**, 589, A89	5.1	43
203	Central star formation and metallicity in CALIFA interacting galaxies. *Astronomy and Astrophysics*, **2015**, 579, A45	5.1	41
202	The Spectral Evolution of AT 2018dyb and the Presence of Metal Lines in Tidal Disruption Events. *Astrophysical Journal*, **2019**, 887, 218	4.7	41
201	Using late-time optical and near-infrared spectra to constrain Type Ia supernova explosion properties. *Monthly Notices of the Royal Astronomical Society*, **2018**, 477, 3567-3582	4.3	40
200	Type II Supernova Spectral Diversity. II. Spectroscopic and Photometric Correlations. *Astrophysical Journal*, **2017**, 850, 90	4.7	39
199	Observational constraints on the optical and near-infrared emission from the neutron star–black hole binary merger candidate S190814bv. *Astronomy and Astrophysics*, **2020**, 643, A113	5.1	39
198	Type II supernovae as probes of environment metallicity: observations of host H II regions. *Astronomy and Astrophysics*, **2016**, 589, A110	5.1	39
197	K2 Observations of SN 2018oh Reveal a Two-component Rising Light Curve for a Type Ia Supernova. *Astrophysical Journal Letters*, **2019**, 870, L1	7.9	38

196	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). *Astrophysical Journal, Supplement Series*, **2016**, 225, 8	8	38
195	EVIDENCE OF ONGOING RADIAL MIGRATION IN NGC 6754: AZIMUTHAL VARIATIONS OF THE GAS PROPERTIES. *Astrophysical Journal Letters*, **2016**, 830, L40	7.9	38
194	Carnegie Supernova Project-II: The Near-infrared Spectroscopy Program. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 014002	5	38
193	Superluminous supernovae from the Dark Energy Survey. *Monthly Notices of the Royal Astronomical Society*, **2019**, 487, 2215-2241	4.3	37
192	TYPE Ia SUPERNOVA PROPERTIES AS A FUNCTION OF THE DISTANCE TO THE HOST GALAXY IN THE SDSS-II SN SURVEY. *Astrophysical Journal*, **2012**, 755, 125	4.7	36
191	Carnegie Supernova Project-II: Extending the Near-infrared Hubble Diagram for Type Ia Supernovae to z ~ 0.1. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 014001	5	36
190	A MEASUREMENT OF THE RATE OF TYPE Ia SUPERNOVAE IN GALAXY CLUSTERS FROM THE SDSS-II SUPERNOVA SURVEY. *Astrophysical Journal*, **2010**, 715, 1021-1035	4.7	35
189	The Progenitor and Early Evolution of the Type IIb SN 2016gkg. *Astrophysical Journal Letters*, **2017**, 836, L12	7.9	35
188	Photometric and Spectroscopic Properties of Type Ia Supernova 2018oh with Early Excess Emission from the Kepler 2 Observations. *Astrophysical Journal*, **2019**, 870, 12	4.7	34
187	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. *Astrophysical Journal*, **2019**, 874, 106	4.7	34
186	MUSE REVEALS A RECENT MERGER IN THE POST-STARBURST HOST GALAXY OF THE TDE ASASSN-14li. *Astrophysical Journal Letters*, **2016**, 830, L32	7.9	34
185	First cosmology results using type Ia supernovae from the Dark Energy Survey: the effect of host galaxy properties on supernova luminosity. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 4426-4447	4.3	34
184	The AMUSING++ Nearby Galaxy Compilation. I. Full Sample Characterization and Galactic-scale Outflow Selection. *Astronomical Journal*, **2020**, 159, 167	4.9	33
183	Aperture corrections for disk galaxy properties derived from the CALIFA survey. *Astronomy and Astrophysics*, **2013**, 553, L7	5.1	33
182	The dependence of oxygen and nitrogen abundances on stellar mass from the CALIFA survey. *Astronomy and Astrophysics*, **2016**, 595, A62	5.1	33
181	Spiral-like star-forming patterns in CALIFA early-type galaxies. *Astronomy and Astrophysics*, **2016**, 585, A92	5.1	33
180	Photoionization models of the CALIFA H II regions. *Astronomy and Astrophysics*, **2016**, 594, A37	5.1	33
179	No direct coupling between bending of galaxy disc stellar age and light profiles. *Monthly Notices of the Royal Astronomical Society: Letters*, **2016**, 456, L35-L39	4.3	32

178	THE HIGH CADENCE TRANSIENT SURVEY (HITS). I. SURVEY DESIGN AND SUPERNOVA SHOCK BREAKOUT CONSTRAINTS. *Astrophysical Journal*, **2016**, 832, 155	4.7	32
177	Investigating the diversity of supernovae type Iax: a MUSE and NOT spectroscopic study of their environments. *Monthly Notices of the Royal Astronomical Society*, **2018**, 473, 1359-1387	4.3	31
176	AHUBBLEDIAGRAM FROM TYPE II SUPERNOVAE BASED SOLELY ON PHOTOMETRY: THE PHOTOMETRIC COLOR METHOD. *Astrophysical Journal*, **2015**, 815, 121	4.7	31
175	Census of H ii regions in NGC 6754 derived with MUSE: Constraints on the metal mixing scale. *Astronomy and Astrophysics*, **2015**, 573, A105	5.1	31
174	A measurement of the Hubble constant from Type II supernovae. *Monthly Notices of the Royal Astronomical Society*, **2020**, 496, 3402-3411	4.3	30
173	Systematic study of outflows in the Local Universe using CALIFA: I. Sample selection and main properties. *Monthly Notices of the Royal Astronomical Society*, **2019**, 482, 4032-4056	4.3	30
172	THE EFFECT OF WEAK LENSING ON DISTANCE ESTIMATES FROM SUPERNOVAE. *Astrophysical Journal*, **2014**, 780, 24	4.7	29
171	Outer-disk reddening and gas-phase metallicities: The CALIFA connection. *Astronomy and Astrophysics*, **2016**, 585, A47	5.1	29
170	SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Library: First Release. *Astrophysical Journal*, **2019**, 883, 175	4.7	29
169	First Release of High-Redshift Superluminous Supernovae from the Subaru HIgh- Z SUpernova CAmpaign (SHIZUCA). I. Photometric Properties. *Astrophysical Journal, Supplement Series*, **2019**, 241, 16	8	28
168	Galaxies hosting an active galactic nucleus: a view from the CALIFA survey. *Monthly Notices of the Royal Astronomical Society*, **2020**, 492, 3073-3090	4.3	27
167	Discovery of Distant RR Lyrae Stars in the Milky Way Using DECam. *Astrophysical Journal*, **2018**, 855, 43	4.7	26
166	The Type II-P Supernova 2017eaw: From Explosion to the Nebular Phase. *Astrophysical Journal*, **2019**, 876, 19	4.7	25
165	The CALIFA view on stellar angular momentum across the Hubble sequence. *Astronomy and Astrophysics*, **2019**, 632, A59	5.1	25
164	An outflow powers the optical rise of the nearby, fast-evolving tidal disruption event AT2019qiz. *Monthly Notices of the Royal Astronomical Society*, **2020**, 499, 482-504	4.3	24
163	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. *Astrophysical Journal, Supplement Series*, **2022**, 259, 35	8	24
162	Core-collapse supernovae ages and metallicities from emission-line diagnostics of nearby stellar populations. *Monthly Notices of the Royal Astronomical Society*, **2019**, 482, 384-401	4.3	23
161	Type II supernovae in low-luminosity host galaxies. *Monthly Notices of the Royal Astronomical Society*, **2018**, 479, 3232-3253	4.3	23

160	SN 2017ens: The Metamorphosis of a Luminous Broadlined Type Ic Supernova into an SN IIn. *Astrophysical Journal Letters*, **2018**, 867, L31	7.9	23
159	A Type II Supernova Hubble Diagram from the CSP-I, SDSS-II, and SNLS Surveys. *Astrophysical Journal*, **2017**, 835, 166	4.7	22
158	Early observations of the nearby Type Ia supernova SN 2015F. *Monthly Notices of the Royal Astronomical Society*, **2017**, 464, 4476-4494	4.3	22
157	The lowest-metallicity type II supernova from the highest-mass red supergiant progenitor. *Nature Astronomy*, **2018**, 2, 574-579	12.1	22
156	Towards a new classification of galaxies: principal component analysis of CALIFA circular velocity curves. *Monthly Notices of the Royal Astronomical Society*, **2017**, 469, 2539-2594	4.3	22
155	DEFINING PHOTOMETRIC PECULIAR TYPE Ia SUPERNOVAE. *Astrophysical Journal*, **2014**, 795, 142	4.7	22
154	Nebular spectra of 111 Type Ia supernovae disfavour single-degenerate progenitors. *Monthly Notices of the Royal Astronomical Society*, **2020**, 493, 1044-1062	4.3	22
153	Arm and interarm abundance gradients in CALIFA spiral galaxies. *Astronomy and Astrophysics*, **2017**, 603, A113	5.1	21
152	OzDES multi-object fibre spectroscopy for the Dark Energy Survey: results and second data release. *Monthly Notices of the Royal Astronomical Society*, **2020**, 496, 19-35	4.3	21
151	Evidence for a Chandrasekhar-mass explosion in the Ca-strong 1991bg-like type Ia supernova 2016hnk. *Astronomy and Astrophysics*, **2019**, 630, A76	5.1	21
150	Observed Type II supernova colours from the Carnegie Supernova Project-I. *Monthly Notices of the Royal Astronomical Society*, **2018**, 476, 4592-4616	4.3	21
149	Studying the Ultraviolet Spectrum of the First Spectroscopically Confirmed Supernova at Redshift Two. *Astrophysical Journal*, **2018**, 854, 37	4.7	20
148	Observational hints of radial migration in disc galaxies from CALIFA. *Astronomy and Astrophysics*, **2017**, 604, A4	5.1	19
147	SN 2016jhj at redshift 0.34: extending the Type II supernova Hubble diagram using the standard candle method. *Monthly Notices of the Royal Astronomical Society*, **2017**, 472, 4233-4243	4.3	19
146	H ii regions in the CALIFA survey: I. catalogue presentation. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 1622-1646	4.3	19
145	ON THE DEPENDENCE OF TYPE Ia SNe LUMINOSITIES ON THE METALLICITY OF THEIR HOST GALAXIES. *Astrophysical Journal Letters*, **2016**, 818, L19	7.9	19
144	SN 2017dio: A Type-Ic Supernova Exploding in a Hydrogen-rich Circumstellar Medium. *Astrophysical Journal Letters*, **2018**, 854, L14	7.9	18
143	Serendipitous Discovery of RR Lyrae Stars in the Leo V Ultra-faint Galaxy. *Astrophysical Journal Letters*, **2017**, 845, L10	7.9	18

142	A nearby super-luminous supernova with a long pre-maximum & plateau and strong C II features. *Astronomy and Astrophysics*, **2018**, 620, A67	5.1	18
141	First Release of High-redshift Superluminous Supernovae from the Subaru HIgh-Z SUpernova CAmpaign (SHIZUCA). II. Spectroscopic Properties. *Astrophysical Journal, Supplement Series*, **2019**, 241, 17	8	17
140	SNe 2013K and 2013am: observed and physical properties of two slow, normal Type IIP events. *Monthly Notices of the Royal Astronomical Society*, **2018**, 475, 1937-1959	4.3	17
139	Using the local gas-phase oxygen abundances to explore a metallicity dependence in SNe Ia luminosities. *Monthly Notices of the Royal Astronomical Society*, **2016**, 462, 1281-1306	4.3	17
138	No Surviving Companion in Kepler's Supernova. *Astrophysical Journal*, **2018**, 862, 124	4.7	17
137	Molecular gas in supernova local environments unveiled by EDGE. *Monthly Notices of the Royal Astronomical Society*, **2017**, 468, 628-644	4.3	17
136	APERTURE EFFECTS ON THE OXYGEN ABUNDANCE DETERMINATIONS FROM CALIFA DATA. *Astrophysical Journal*, **2016**, 826, 71	4.7	17
135	SN 2019ehk: A Double-peaked Ca-rich Transient with Luminous X-Ray Emission and Shock-ionized Spectral Features. *Astrophysical Journal*, **2020**, 898, 166	4.7	17
134	Unresolved versus resolved: testing the validity of young simple stellar population models with VLT/MUSE observations of NGC 3603. *Astronomy and Astrophysics*, **2016**, 593, A78	5.1	17
133	LSQ13fn: A type II-Plateau supernova with a possibly low metallicity progenitor that breaks the standardised candle relation. *Astronomy and Astrophysics*, **2016**, 588, A1	5.1	17
132	Spectroscopic aperture biases in inside-out evolving early-type galaxies from CALIFA. *Astronomy and Astrophysics*, **2016**, 586, A22	5.1	17
131	Supernova host galaxies in the dark energy survey: I. Deep coadds, photometry, and stellar masses. *Monthly Notices of the Royal Astronomical Society*, **2020**, 495, 4040-4060	4.3	16
130	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). *Astronomy and Astrophysics*, **2018**, 620, A164	5.1	16
129	J-PLUS: Morphological star/galaxy classification by PDF analysis. *Astronomy and Astrophysics*, **2019**, 622, A177	5.1	15
128	The tidal disruption event AT 2018hyz I. Double-peaked emission lines and a flat Balmer decrement. *Monthly Notices of the Royal Astronomical Society*, **2020**, 498, 4119-4133	4.3	15
127	The Carnegie Supernova Project-I: Correlation between Type Ia Supernovae and Their Host Galaxies from Optical to Near-infrared Bands. *Astrophysical Journal*, **2020**, 901, 143	4.7	15
126	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). *Astronomy and Astrophysics*, **2021**, 646, A139	5.1	15
125	Real-time discovery of AT2020xnd: a fast, luminous ultraviolet transient with minimal radioactive ejecta. *Monthly Notices of the Royal Astronomical Society*,	4.3	15

124	Carnegie Supernova Project-II: Using Near-infrared Spectroscopy to Determine the Location of the Outer 56 Ni in Type Ia Supernovae. *Astrophysical Journal Letters*, **2019**, 875, L14	7.9	14
123	Supernova 2013fc in a circumnuclear ring of a luminous infrared galaxy: the big brother of SN 1998S. *Monthly Notices of the Royal Astronomical Society*, **2016**, 456, 323-346	4.3	14
122	Evolving into a remnant: optical observations of SN 1978K at three decades. *Monthly Notices of the Royal Astronomical Society*, **2016**, 458, 2063-2073	4.3	14
121	ASASSN-15pz: Revealing Significant Photometric Diversity among 2009dc-like, Peculiar SNe Ia. *Astrophysical Journal*, **2019**, 880, 35	4.7	14
120	SN2018kzr: A Rapidly Declining Transient from the Destruction of a White Dwarf. *Astrophysical Journal Letters*, **2019**, 885, L23	7.9	14
119	Carnegie Supernova Project II: The Slowest Rising Type Ia Supernova LSQ14fmg and Clues to the Origin of Super-Chandrasekhar/03fg-like Events. *Astrophysical Journal*, **2020**, 900, 140	4.7	14
118	Signatures of circumstellar interaction in the Type IIL supernova ASASSN-15oz. *Monthly Notices of the Royal Astronomical Society*, **2019**, 485, 5120-5141	4.3	13
117	Star formation driven galactic winds in UGC 10043. *Monthly Notices of the Royal Astronomical Society*, **2016**, stw3355	4.3	13
116	SN 2014J at M82 . A middle-class Type Ia supernova by all spectroscopic metrics. *Monthly Notices of the Royal Astronomical Society*, **2016**, 457, 525-537	4.3	13
115	HOST GALAXY SPECTRA AND CONSEQUENCES FOR SUPERNOVA TYPING FROM THE SDSS SN SURVEY. *Astronomical Journal*, **2014**, 147, 75	4.9	13
114	The effect of environment on Type Ia supernovae in the Dark Energy Survey three-year cosmological sample. *Monthly Notices of the Royal Astronomical Society*, **2021**, 501, 4861-4876	4.3	13
113	The High Cadence Transit Survey (HiTS): Compilation and Characterization of Light-curve Catalogs. *Astronomical Journal*, **2018**, 156, 186	4.9	13
112	Nebular H Limits for Fast Declining SNe Ia. *Astrophysical Journal Letters*, **2019**, 877, L4	7.9	12
111	J-PLUS: Measuring H emission line fluxes in the nearby universe. *Astronomy and Astrophysics*, **2019**, 622, A180	5.1	12
110	Studying the environment of AT 2018cow with MUSE. *Monthly Notices of the Royal Astronomical Society*, **2020**, 495, 992-999	4.3	12
109	Morpho-kinematic properties of field S0 bulges in the CALIFA survey. *Monthly Notices of the Royal Astronomical Society*, **2017**,	4.3	12
108	A Physical Basis for the H-band Blue-edge Velocity and Light-curve Shape Correlation in Context of Type Ia Supernova Explosion Physics. *Astrophysical Journal*, **2019**, 878, 86	4.7	12
107	First survey of Wolf-Rayet star populations over the full extension of nearby galaxies observed with CALIFA. *Astronomy and Astrophysics*, **2016**, 592, A105	5.1	12

106	Carnegie Supernova Project-II: A New Method to Photometrically Identify Sub-types of Extreme Type Ia Supernovae. *Astrophysical Journal Letters*, **2020**, 895, L3	7.9	11
105	SN 2013aa and SN 2017cbv: Two Sibling Type Ia Supernovae in the Spiral Galaxy NGC 5643. *Astrophysical Journal*, **2020**, 895, 118	4.7	11
104	Arm□nterarm gas abundance variations explored with MUSE: the role of spiral structure in the chemical enrichment of galaxies. *Monthly Notices of the Royal Astronomical Society*, **2020**, 492, 4149-4163	4.3	10
103	The Carnegie Supernova Project II. *Astronomy and Astrophysics*, **2020**, 634, A21	5.1	10
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