

Llus Galbany

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3016129/lluis-galbany-publications-by-year.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The Dependence of the Type Ia Supernova Host Bias on Observation or Fitting Technique. <i>Astrophysical Journal</i> , 2022 , 925, 115	4.7	1
266	Carnegie Supernova Project-II: Near-infrared Spectroscopy of Stripped-envelope Core-collapse Supernovae*. <i>Astrophysical Journal</i> , 2022 , 925, 175	4.7	1
265	H ii regions in CALIFA survey: II. The relation between their physical properties and galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 3436-3463	4.3	1
264	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 259, 35	8	24
263	HARMONI view of the host galaxies of active galactic nuclei around cosmic noon. <i>Astronomy and Astrophysics</i> , 2022 , 659, A79	5.1	
262	A Tale of Two Type Ia Supernovae: The Fast-declining Siblings SNe 2015bo and 1997cn. <i>Astrophysical Journal</i> , 2022 , 928, 103	4.7	
261	Less Than 1% of Core-collapse Supernovae in the Local Universe Occur in Elliptical Galaxies. <i>Astrophysical Journal</i> , 2022 , 927, 10	4.7	1
260	Aperture-corrected spectroscopic type Ia supernova host galaxy properties. <i>Astronomy and Astrophysics</i> , 2022 , 659, A89	5.1	1
259	Type II supernovae from the Carnegie Supernova Project-I. <i>Astronomy and Astrophysics</i> , 2022 , 660, A41	5.1	1
258	Type II supernovae from the Carnegie Supernova Project-I. <i>Astronomy and Astrophysics</i> , 2022 , 660, A42	5.1	0
257	Carnegie Supernova Project: kinky i-band light curves of Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 510, 4929-4942	4.3	0
256	ASASSN-15hy: An Underluminous, Red 03fg-like Type Ia Supernova. <i>Astrophysical Journal</i> , 2021 , 920, 107	4.7	5
255	Alert Classification for the ALerCE Broker System: The Real-time Stamp Classifier. <i>Astronomical Journal</i> , 2021 , 162, 231	4.9	2
254	Signatures of AGN-induced Metal Loss in the Stellar Population. <i>Astrophysical Journal Letters</i> , 2021 , 922, L20	7.9	0
253	Circumstellar Medium Constraints on the Environment of Two Nearby Type Ia Supernovae: SN 2017cbv and SN 2020nlb. <i>Astrophysical Journal</i> , 2021 , 922, 21	4.7	2
252	Carnegie Supernova Project: The First Homogeneous Sample of Super-Chandrasekhar-mass/2003fg-like Type Ia Supernovae. <i>Astrophysical Journal</i> , 2021 , 922, 205	4.7	7
251	Measuring an Off-center Detonation through Infrared Line Profiles: The Peculiar Type Ia Supernova SN 2020qxp/ASASSN-20jq. <i>Astrophysical Journal</i> , 2021 , 922, 186	4.7	3

250	The delay time distribution of supernovae from integral-field spectroscopy of nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 3122-3136	4.3	5
249	The effect of environment on Type Ia supernovae in the Dark Energy Survey three-year cosmological sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 4861-4876	4.3	13
248	SN 2013ai: A Link between Hydrogen-rich and Hydrogen-poor Core-collapse Supernovae. <i>Astrophysical Journal</i> , 2021 , 909, 145	4.7	2
247	The double-peaked Type Ic supernova 2019cad: another SN 2005bf-like object. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 4907-4922	4.3	4
246	The first Hubble diagram and cosmological constraints using superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 2535-2549	4.3	8
245	Evolution of the chemical enrichment and the mass-metallicity relation in CALIFA galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 3478-3493	4.3	7
244	Luminous Type II Short-Plateau Supernovae 2006Y, 2006ai, and 2016egz: A Transitional Class from Stripped Massive Red Supergiants. <i>Astrophysical Journal</i> , 2021 , 913, 55	4.7	5
243	Understanding the extreme luminosity of DES14X2fna. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 3950-3967	4.3	1
242	Core-collapse supernova subtypes in luminous infrared galaxies. <i>Astronomy and Astrophysics</i> , 2021 , 649, A134	5.1	1
241	The Dark Energy Survey supernova programme: modelling selection efficiency and observed core-collapse supernova contamination. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 2819-2839	4.3	3
240	Detection of metallicity correlations in 100 nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 5496-5511	4.3	6
239	J-PLUS: The star formation main sequence and rate density at $d \approx 75$ Mpc. <i>Astronomy and Astrophysics</i> , 2021 , 650, A68	5.1	2
238	SN 2020cpg: an energetic link between Type IIb and Ib supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 1832-1849	4.3	0
237	Strong Near-infrared Carbon Absorption in the Transitional Type Ia SN 2015bp*. <i>Astrophysical Journal</i> , 2021 , 914, 57	4.7	4
236	An AMUSING look at the host of the periodic nuclear transient ASASSN-14ko reveals a second AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 6014-6028	4.3	2
235	The Exotic Type Ic Broad-lined Supernova SN 2018gep: Blurring the Line between Supernovae and Fast Optical Transients. <i>Astrophysical Journal</i> , 2021 , 915, 121	4.7	3
234	Probing the progenitors of Type Ia supernovae using circumstellar material interaction signatures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 4367-4388	4.3	2
233	SN 2019hcc: a Type II supernova displaying early O ii lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 4819-4840	4.3	1

232	The Early Discovery of SN 2017ahn: Signatures of Persistent Interaction in a Fast-declining Type II Supernova. <i>Astrophysical Journal</i> , 2021 , 907, 52	4.7	5
231	MUSE Reveals Extended Circumnuclear Outflows in the Seyfert 1 NGC 7469. <i>Astrophysical Journal Letters</i> , 2021 , 906, L6	7.9	0
230	Supernova 2018cuf: A Type IIP Supernova with a Slow Fall from Plateau. <i>Astrophysical Journal</i> , 2021 , 906, 56	4.7	2
229	SN2017gci: a nearby Type I Superluminous Supernova with a bumpy tail. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 2120-2139	4.3	3
228	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2021 , 646, A139	5.1	15
227	Near-infrared and Optical Observations of Type Ic SN 2020oi and Broad-lined Type Ic SN 2020bvc: Carbon Monoxide, Dust, and High-velocity Supernova Ejecta. <i>Astrophysical Journal</i> , 2021 , 908, 232	4.7	10
226	Constraints on the Rate of Supernovae Lasting for More Than a Year from Subaru/Hyper Suprime-Cam. <i>Astrophysical Journal</i> , 2021 , 908, 249	4.7	2
225	SN2017jgh: a high-cadence complete shock cooling light curve of a SN IIB with the Kepler telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 3125-3138	4.3	1
224	[Fe] traced by H II regions from the CALIFA survey. <i>Astronomy and Astrophysics</i> , 2021 , 652, L10	5.1	2
223	Are Type Ia Supernovae in Rest-frame H Brighter in More Massive Galaxies?. <i>Astrophysical Journal</i> , 2021 , 923, 197	4.7	2
222	SN 2018agk: A Prototypical Type Ia Supernova with a Smooth Power-law Rise in Kepler (K2). <i>Astrophysical Journal</i> , 2021 , 923, 167	4.7	3
221	The tidal disruption event AT 2018hyz II. Double-peaked emission lines and a flat Balmer decrement. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 4119-4133	4.3	15
220	The host galaxies of 106 rapidly evolving transients discovered by the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 2575-2593	4.3	7
219	SN2017ivv: two years of evolution of a transitional Type II supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 974-992	4.3	4
218	Discovery and Rapid Follow-up Observations of the Unusual Type II SN 2018ivc in NGC 1068. <i>Astrophysical Journal</i> , 2020 , 895, 31	4.7	7
217	Carnegie Supernova Project-II: A New Method to Photometrically Identify Sub-types of Extreme Type Ia Supernovae. <i>Astrophysical Journal Letters</i> , 2020 , 895, L3	7.9	11
216	The mystery of photometric twins DES17X1boj and DES16E2bjy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 5576-5589	4.3	2
215	A measurement of the Hubble constant from Type II supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 3402-3411	4.3	30

214	Studying the environment of AT 2018cow with MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 992-999	4.3	12
213	Studying Type II supernovae as cosmological standard candles using the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 4860-4892	4.3	6
212	DES16C3cje: A low-luminosity, long-lived supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 95-110	4.3	5
211	Asteroids Size Distribution and Colors from HITS. <i>Astronomical Journal</i> , 2020 , 159, 148	4.9	5
210	SN 2016gsd: an unusually luminous and linear Type II supernova with high velocities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 1761-1781	4.3	5
209	The AMUSING++ Nearby Galaxy Compilation. I. Full Sample Characterization and Galactic-scale Outflow Selection. <i>Astronomical Journal</i> , 2020 , 159, 167	4.9	33
208	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 249, 3	8	363
207	Interarm gas abundance variations explored with MUSE: the role of spiral structure in the chemical enrichment of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 4149-4163	4.3	10
206	The Carnegie Supernova Project II. <i>Astronomy and Astrophysics</i> , 2020 , 634, A21	5.1	10
205	J-PLUS: Tools to identify compact planetary nebulae in the Javalambre and southern photometric local Universe surveys. <i>Astronomy and Astrophysics</i> , 2020 , 633, A123	5.1	1
204	Direct Evidence of Two-component Ejecta in Supernova 2016gkg from Nebular Spectroscopy*. <i>Astrophysical Journal</i> , 2020 , 902, 139	4.7	3
203	A Template-based Approach to the Photometric Classification of SN 1991bg-like Supernovae in the SDSS-II Supernova Survey. <i>Astrophysical Journal</i> , 2020 , 904, 156	4.7	
202	First Cosmology Results using Supernovae Ia from the Dark Energy Survey: Survey Overview, Performance, and Supernova Spectroscopy. <i>Astronomical Journal</i> , 2020 , 160, 267	4.9	10
201	Initial Evaluation of SNEMO2 and SNEMO7 Standardization Derived from Current Light Curves of Type Ia Supernovae. <i>Astrophysical Journal</i> , 2020 , 890, 60	4.7	5
200	SN 2013aa and SN 2017cbv: Two Sibling Type Ia Supernovae in the Spiral Galaxy NGC 5643. <i>Astrophysical Journal</i> , 2020 , 895, 118	4.7	11
199	SN 2019ehk: A Double-peaked Ca-rich Transient with Luminous X-Ray Emission and Shock-ionized Spectral Features. <i>Astrophysical Journal</i> , 2020 , 898, 166	4.7	17
198	Carnegie Supernova Project II: The Slowest Rising Type Ia Supernova LSQ14fmg and Clues to the Origin of Super-Chandrasekhar/03fg-like Events. <i>Astrophysical Journal</i> , 2020 , 900, 140	4.7	14
197	Carnegie Supernova Project: Classification of Type Ia Supernovae. <i>Astrophysical Journal</i> , 2020 , 901, 154	4.7	6

196	The Carnegie Supernova Project-I: Correlation between Type Ia Supernovae and Their Host Galaxies from Optical to Near-infrared Bands. <i>Astrophysical Journal</i> , 2020 , 901, 143	4.7	15
195	Optical and Near-infrared Observations of the Nearby SN Ia 2017cbv. <i>Astrophysical Journal</i> , 2020 , 904, 14	4.7	3
194	Supernova Siblings: Assessing the Consistency of Properties of Type Ia Supernovae that Share the Same Parent Galaxies. <i>Astrophysical Journal Letters</i> , 2020 , 896, L13	7.9	5
193	Active learning with RESSPECT: Resource allocation for extragalactic astronomical transients 2020 ,		1
192	The rise and fall of an extraordinary Ca-rich transient. <i>Astronomy and Astrophysics</i> , 2020 , 635, A186	5.1	7
191	Observational constraints on the optical and near-infrared emission from the neutron starBlack hole binary merger candidate S190814bv. <i>Astronomy and Astrophysics</i> , 2020 , 643, A113	5.1	39
190	The Carnegie Supernova Project II. <i>Astronomy and Astrophysics</i> , 2020 , 639, A103	5.1	7
189	The Carnegie Supernova Project II. <i>Astronomy and Astrophysics</i> , 2020 , 639, A104	5.1	5
188	The Carnegie Supernova Project II. <i>Astronomy and Astrophysics</i> , 2020 , 641, A148	5.1	4
187	The stellar metallicity distribution function of galaxies in the CALIFA survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 4838-4853	4.3	7
186	SN 2019muj is a well-observed Type Ia supernova that bridges the luminosity gap of the class. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 501, 1078-1099	4.3	6
185	Nebular spectra of 111 Type Ia supernovae disfavour single-degenerate progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 1044-1062	4.3	22
184	An outflow powers the optical rise of the nearby, fast-evolving tidal disruption event AT2019qiz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 482-504	4.3	24
183	The Tidal Disruption Event AT 2018hyz II: Light-curve modelling of a partially disrupted star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 1925-1934	4.3	9
182	Supernova host galaxies in the dark energy survey: I. Deep coadds, photometry, and stellar masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 4040-4060	4.3	16
181	First cosmology results using type Ia supernovae from the Dark Energy Survey: the effect of host galaxy properties on supernova luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 4426-4447	4.3	34
180	The low-luminosity Type II SN 2016aqf: a well-monitored spectral evolution of the Ni/Fe abundance ratio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 361-377	4.3	6
179	H ii regions in the CALIFA survey: I. catalogue presentation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 1622-1646	4.3	19

178	OzDES multi-object fibre spectroscopy for the Dark Energy Survey: results and second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 19-35	4.3	21
177	SN 2018gix reveals that some SNe Ibn are SNe IIb exploding in dense circumstellar material. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 1450-1467	4.3	5
176	Galaxies hosting an active galactic nucleus: a view from the CALIFA survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 3073-3090	4.3	27
175	SN 2017gmr: An Energetic Type II-P Supernova with Asymmetries. <i>Astrophysical Journal</i> , 2019 ,	4.7	7
174	Photometric and Spectroscopic Properties of Type Ia Supernova 2018oh with Early Excess Emission from the Kepler 2 Observations. <i>Astrophysical Journal</i> , 2019 , 870, 12	4.7	34
173	The extraplanar type II supernova ASASSN-14jb in the nearby edge-on galaxy ESO 467-G051. <i>Astronomy and Astrophysics</i> , 2019 , 629, A57	5.1	5
172	First Release of High-redshift Superluminous Supernovae from the Subaru High-Z Supernova Campaign (SHIZUCA). II. Spectroscopic Properties. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 241, 17	8	17
171	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. <i>Astrophysical Journal</i> , 2019 , 874, 106	4.7	34
170	Superluminous supernovae from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 2215-2241	4.3	37
169	Uncertainties in gas kinematics arising from stellar continuum modeling in integral field spectroscopy data: the case of NGC 2906 observed with VLT/MUSE. <i>Astronomy and Astrophysics</i> , 2019 , 625, A83	5.1	2
168	First Release of High-Redshift Superluminous Supernovae from the Subaru High- Z Supernova Campaign (SHIZUCA). I. Photometric Properties. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 241, 16	8	28
167	Nebular H Limits for Fast Declining SNe Ia. <i>Astrophysical Journal Letters</i> , 2019 , 877, L4	7.9	12
166	First cosmological results using Type Ia supernovae from the Dark Energy Survey: measurement of the Hubble constant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 2184-2196	4.3	93
165	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. <i>Physical Review Letters</i> , 2019 , 122, 171301	7.4	50
164	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 240, 23	8	214
163	Carnegie Supernova Project-II: Using Near-infrared Spectroscopy to Determine the Location of the Outer 56 Ni in Type Ia Supernovae. <i>Astrophysical Journal Letters</i> , 2019 , 875, L14	7.9	14
162	Investigating the properties of stripped-envelope supernovae; what are the implications for their progenitors?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 1559-1578	4.3	57
161	J-PLUS: Morphological star/galaxy classification by PDF analysis. <i>Astronomy and Astrophysics</i> , 2019 , 622, A177	5.1	15

160	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. <i>Astrophysical Journal</i> , 2019 , 874, 150	4.7	52
159	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. <i>Astrophysical Journal Letters</i> , 2019 , 872, L30	7.9	113
158	K2 Observations of SN 2018oh Reveal a Two-component Rising Light Curve for a Type Ia Supernova. <i>Astrophysical Journal Letters</i> , 2019 , 870, L1	7.9	38
157	J-PLUS: Measuring H α emission line fluxes in the nearby universe. <i>Astronomy and Astrophysics</i> , 2019 , 622, A180	5.1	12
156	J-PLUS: The Javalambre Photometric Local Universe Survey. <i>Astronomy and Astrophysics</i> , 2019 , 622, A176	5.1	59
155	Core-collapse supernovae ages and metallicities from emission-line diagnostics of nearby stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 384-401	4.3	23
154	Signatures of circumstellar interaction in the Type III supernova ASASSN-15oz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 5120-5141	4.3	13
153	Spatial field reconstruction with INLA: application to IFU galaxy data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 3880-3891	4.3	7
152	Nature of the unusual transient AT 2018cow from HI observations of its host galaxy. <i>Astronomy and Astrophysics</i> , 2019 , 627, A106	5.1	7
151	ASASSN-15pz: Revealing Significant Photometric Diversity among 2009dc-like, Peculiar SNe Ia. <i>Astrophysical Journal</i> , 2019 , 880, 35	4.7	14
150	Models and Simulations for the Photometric LSST Astronomical Time Series Classification Challenge (PLAsTiCC). <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 094501	5	47
149	The Photometric LSST Astronomical Time-series Classification Challenge PLAsTiCC: Selection of a Performance Metric for Classification Probabilities Balancing Diverse Science Goals. <i>Astronomical Journal</i> , 2019 , 158, 171	4.9	10
148	The 50–100 kpc scale parent stellar populations of Type II supernovae and limitations of single star evolution models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 4515-4535	4.3	10
147	SN2018kzr: A Rapidly Declining Transient from the Destruction of a White Dwarf. <i>Astrophysical Journal Letters</i> , 2019 , 885, L23	7.9	14
146	J-PLUS: Impact of bars on quenching timescales in nearby green valley disc galaxies. <i>Astronomy and Astrophysics</i> , 2019 , 630, A88	5.1	3
145	The Type II-P Supernova 2017eaw: From Explosion to the Nebular Phase. <i>Astrophysical Journal</i> , 2019 , 876, 19	4.7	25
144	A Physical Basis for the H-band Blue-edge Velocity and Light-curve Shape Correlation in Context of Type Ia Supernova Explosion Physics. <i>Astrophysical Journal</i> , 2019 , 878, 86	4.7	12
143	HSC16aayt: A Slowly Evolving Interacting Transient Rising for More than 100 Days. <i>Astrophysical Journal</i> , 2019 , 882, 70	4.7	5

142	The Spectral Evolution of AT 2018dyb and the Presence of Metal Lines in Tidal Disruption Events. <i>Astrophysical Journal</i> , 2019 , 887, 218	4.7	41
141	Evidence for a Chandrasekhar-mass explosion in the Ca-strong 1991bg-like type Ia supernova 2016hbk. <i>Astronomy and Astrophysics</i> , 2019 , 630, A76	5.1	21
140	SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Library First Release. <i>Astrophysical Journal</i> , 2019 , 883, 175	4.7	29
139	The CALIFA view on stellar angular momentum across the Hubble sequence. <i>Astronomy and Astrophysics</i> , 2019 , 632, A59	5.1	25
138	Carnegie Supernova Project-II: Extending the Near-infrared Hubble Diagram for Type Ia Supernovae to $z \sim 0.1$. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 014001	5	36
137	Carnegie Supernova Project-II: The Near-infrared Spectroscopy Program. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 014002	5	38
136	Systematic study of outflows in the Local Universe using CALIFA: I. Sample selection and main properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 4032-4056	4.3	30
135	Asteroids in the High Cadence Transient Survey. <i>Astronomical Journal</i> , 2018 , 155, 135	4.9	4
134	Studying the Ultraviolet Spectrum of the First Spectroscopically Confirmed Supernova at Redshift Two. <i>Astrophysical Journal</i> , 2018 , 854, 37	4.7	20
133	SNe 2013K and 2013am: observed and physical properties of two slow, normal Type IIP events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 1937-1959	4.3	17
132	Investigating the diversity of supernovae type Ia: a MUSE and NOT spectroscopic study of their environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 1359-1387	4.3	31
131	Discovery of Distant RR Lyrae Stars in the Milky Way Using DECam. <i>Astrophysical Journal</i> , 2018 , 855, 43	4.7	26
130	PISCO: The PMAS/PPak Integral-field Supernova Hosts Compilation. <i>Astrophysical Journal</i> , 2018 , 855, 107	4.7	64
129	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am. <i>Astrophysical Journal</i> , 2018 , 853, 62	4.7	47
128	SN 2017dio: A Type-Ic Supernova Exploding in a Hydrogen-rich Circumstellar Medium. <i>Astrophysical Journal Letters</i> , 2018 , 854, L14	7.9	18
127	Type II supernovae in low-luminosity host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 3232-3253	4.3	23
126	Constraints on core-collapse supernova progenitors from explosion site integral field spectroscopy. <i>Astronomy and Astrophysics</i> , 2018 , 613, A35	5.1	43
125	The lowest-metallicity type II supernova from the highest-mass red supergiant progenitor. <i>Nature Astronomy</i> , 2018 , 2, 574-579	12.1	22

124	The Type IIn Supernova SN 2010bt: The Explosion of a Star in Outburst. <i>Astrophysical Journal</i> , 2018 , 860, 68	4.7	10
123	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. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 235, 42	8	657
122	No Surviving Companion in Kepler's Supernova. <i>Astrophysical Journal</i> , 2018 , 862, 124	4.7	17
121	Thermonuclear supernovae and cosmology?. <i>European Physical Journal Plus</i> , 2018 , 133, 1	3.1	
120	Using late-time optical and near-infrared spectra to constrain Type Ia supernova explosion properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 3567-3582	4.3	40
119	Relativistic supernova 2009bb exploded close to an atomic gas cloud. <i>Astronomy and Astrophysics</i> , 2018 , 618, A104	5.1	8
118	The SELGIFS data challenge: generating synthetic observations of CALIFA galaxies from hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 917-931	4.3	8
117	A nearby super-luminous supernova with a long pre-maximum & plateau and strong C II features. <i>Astronomy and Astrophysics</i> , 2018 , 620, A67	5.1	18
116	SN 2017ens: The Metamorphosis of a Luminous Broadlined Type Ic Supernova into an SN IIn. <i>Astrophysical Journal Letters</i> , 2018 , 867, L31	7.9	23
115	Unraveling the Infrared Transient VVV-WIT-06: The Case for the Origin as a Classical Nova. <i>Astrophysical Journal</i> , 2018 , 867, 99	4.7	4
114	The shape of oxygen abundance profiles explored with MUSE: evidence for widespread deviations from single gradients. <i>Astronomy and Astrophysics</i> , 2018 , 609, A119	5.1	79
113	The High Cadence Transit Survey (HiTS): Compilation and Characterization of Light-curve Catalogs. <i>Astronomical Journal</i> , 2018 , 156, 186	4.9	13
112	SN 2016esw: a luminous Type II supernova observed within the first day after the explosion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 3776-3792	4.3	10
111	Serendipitous discovery of a strong-lensed galaxy in integral field spectroscopy from MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 262-274	4.3	6
110	The delay of shock breakout due to circumstellar material evident in most type II supernovae. <i>Nature Astronomy</i> , 2018 , 2, 808-818	12.1	53
109	Observed Type II supernova colours from the Carnegie Supernova Project-I. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 4592-4616	4.3	21
108	The Data Release of the Sloan Digital Sky Survey-II Supernova Survey. <i>Publications of the Astronomical Society of the Pacific</i> , 2018 , 130, 064002	5	68
107	Emission-line diagnostics of core-collapse supernova host HII regions including interacting binary population. <i>Proceedings of the International Astronomical Union</i> , 2018 , 14, 342-343	0.1	

106	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2018 , 620, A164	5.1	16
105	Elemental gas-phase abundances of intermediate redshift type Ia supernova star-forming host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 307-322	4.3	3
104	A Type II Supernova Hubble Diagram from the CSP-I, SDSS-II, and SNLS Surveys. <i>Astrophysical Journal</i> , 2017 , 835, 166	4.7	22
103	Stellar kinematics across the Hubble sequence in the CALIFA survey: general properties and aperture corrections. <i>Astronomy and Astrophysics</i> , 2017 , 597, A48	5.1	89
102	The evolution of superluminous supernova LSQ14mo and its interacting host galaxy system. <i>Astronomy and Astrophysics</i> , 2017 , 602, A9	5.1	47
101	Early observations of the nearby Type Ia supernova SN2015F. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 4476-4494	4.3	22
100	A kilonova as the electromagnetic counterpart to a gravitational-wave source. <i>Nature</i> , 2017 , 551, 75-79	50.4	420
99	Multi-messenger Observations of a Binary Neutron Star Merger. <i>Astrophysical Journal Letters</i> , 2017 , 848, L12	7.9	1935
98	Hot gas around SN 1998bw: Inferring the progenitor from its environment. <i>Astronomy and Astrophysics</i> , 2017 , 602, A85	5.1	49
97	Complexity in the light curves and spectra of slow-evolving superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 4642-4662	4.3	54
96	Resolving the age bimodality of galaxy stellar populations on kpc scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , stx251	4.3	9
95	DES15E2mlf: A Spectroscopically Confirmed Superluminous Supernova that Exploded 3.5 Gyr After the Big Bang. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 ,	4.3	10
94	Arm and interarm abundance gradients in CALIFA spiral galaxies. <i>Astronomy and Astrophysics</i> , 2017 , 603, A113	5.1	21
93	Observational hints of radial migration in disc galaxies from CALIFA. <i>Astronomy and Astrophysics</i> , 2017 , 604, A4	5.1	19
92	Type II Supernova Spectral Diversity. I. Observations, Sample Characterization, and Spectral Line Evolution. <i>Astrophysical Journal</i> , 2017 , 850, 89	4.7	60
91	Serendipitous Discovery of an Optical Emission-line Jet in NGC 232. <i>Astrophysical Journal Letters</i> , 2017 , 850, L17	7.9	9
90	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. <i>Astronomical Journal</i> , 2017 , 154, 28	4.9	733
89	Molecular gas in supernova local environments unveiled by EDGE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 628-644	4.3	17

88	SN 2016jhh at redshift 0.34: extending the Type II supernova Hubble diagram using the standard candle method. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 4233-4243	4.3	19
87	Towards a new classification of galaxies: principal component analysis of CALIFA circular velocity curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 2539-2594	4.3	22
86	Type II Supernova Spectral Diversity. II. Spectroscopic and Photometric Correlations. <i>Astrophysical Journal</i> , 2017 , 850, 90	4.7	39
85	Serendipitous Discovery of RR Lyrae Stars in the Leo V Ultra-faint Galaxy. <i>Astrophysical Journal Letters</i> , 2017 , 845, L10	7.9	18
84	Morpho-kinematic properties of field S0 bulges in the CALIFA survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 ,	4.3	12
83	The mass-metallicity relation revisited with CALIFA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 2121-2140	4.3	77
82	The Progenitor and Early Evolution of the Type IIb SN 2016gkg. <i>Astrophysical Journal Letters</i> , 2017 , 836, L12	7.9	35
81	Two-dimensional multi-component photometric decomposition of CALIFA galaxies. <i>Astronomy and Astrophysics</i> , 2017 , 598, A32	5.1	78
80	MUSE REVEALS A RECENT MERGER IN THE POST-STARBURST HOST GALAXY OF THE TDE ASASSN-14li. <i>Astrophysical Journal Letters</i> , 2016 , 830, L32	7.9	34
79	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 826, L13	7.9	183
78	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016 , 225, 8	8	38
77	IMF shape constraints from stellar populations and dynamics from CALIFA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 3220-3225	4.3	53
76	Emission-line Diagnostics of Nearby HII Regions Including Supernova Hosts. <i>Proceedings of the International Astronomical Union</i> , 2016 , 12, 49-53	0.1	
75	Using the local gas-phase oxygen abundances to explore a metallicity dependence in SNe Ia luminosities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 1281-1306	4.3	17
74	Star formation driven galactic winds in UGC 10043. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , stw3355	4.3	13
73	EVIDENCE OF ONGOING RADIAL MIGRATION IN NGC 6754: AZIMUTHAL VARIATIONS OF THE GAS PROPERTIES. <i>Astrophysical Journal Letters</i> , 2016 , 830, L40	7.9	38
72	Nearby supernova host galaxies from the CALIFA survey. <i>Astronomy and Astrophysics</i> , 2016 , 591, A48	5.1	51
71	Supernova 2013fc in a circumnuclear ring of a luminous infrared galaxy: the big brother of SN 1998S. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 456, 323-346	4.3	14

70	Supernova 2014J at M82 III. Direct analysis of a middle-class Type Ia supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 1614-1624	4.3	6
69	Characterizing the environments of supernovae with MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 455, 4087-4099	4.3	69
68	SN 2014J at M82 II. A middle-class Type Ia supernova by all spectroscopic metrics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 457, 525-537	4.3	13
67	UBVRizLIGHT CURVES OF 51 TYPE II SUPERNOVAE. <i>Astronomical Journal</i> , 2016 , 151, 33	4.9	64
66	Evolving into a remnant: optical observations of SN 1978K at three decades. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 2063-2073	4.3	14
65	No direct coupling between bending of galaxy disc stellar age and light profiles. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016 , 456, L35-L39	4.3	32
64	SN 2015bn: A DETAILED MULTI-WAVELENGTH VIEW OF A NEARBY SUPERLUMINOUS SUPERNOVA. <i>Astrophysical Journal</i> , 2016 , 826, 39	4.7	102
63	APERTURE EFFECTS ON THE OXYGEN ABUNDANCE DETERMINATIONS FROM CALIFA DATA. <i>Astrophysical Journal</i> , 2016 , 826, 71	4.7	17
62	Unresolved versus resolved: testing the validity of young simple stellar population models with VLT/MUSE observations of NGC 3603. <i>Astronomy and Astrophysics</i> , 2016 , 593, A78	5.1	17
61	First survey of Wolf-Rayet star populations over the full extension of nearby galaxies observed with CALIFA. <i>Astronomy and Astrophysics</i> , 2016 , 592, A105	5.1	12
60	The dependence of oxygen and nitrogen abundances on stellar mass from the CALIFA survey. <i>Astronomy and Astrophysics</i> , 2016 , 595, A62	5.1	33
59	Outer-disk reddening and gas-phase metallicities: The CALIFA connection. <i>Astronomy and Astrophysics</i> , 2016 , 585, A47	5.1	29
58	LSQ13fn: A type II-Plateau supernova with a possibly low metallicity progenitor that breaks the standardised candle relation. <i>Astronomy and Astrophysics</i> , 2016 , 588, A1	5.1	17
57	Shape of the oxygen abundance profiles in CALIFA face-on spiral galaxies. <i>Astronomy and Astrophysics</i> , 2016 , 587, A70	5.1	103
56	Warm ionized gas in CALIFA early-type galaxies. <i>Astronomy and Astrophysics</i> , 2016 , 588, A68	5.1	66
55	Star formation along the Hubble sequence. <i>Astronomy and Astrophysics</i> , 2016 , 590, A44	5.1	103
54	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , 2016 , 594, A36	5.1	145
53	Spiral-like star-forming patterns in CALIFA early-type galaxies. <i>Astronomy and Astrophysics</i> , 2016 , 585, A92	5.1	33

52	Spectroscopic aperture biases in inside-out evolving early-type galaxies from CALIFA. <i>Astronomy and Astrophysics</i> , 2016 , 586, A22	5.1	17
51	Photoionization models of the CALIFA H II regions. <i>Astronomy and Astrophysics</i> , 2016 , 594, A37	5.1	33
50	The type Iax supernova, SN 2015H. <i>Astronomy and Astrophysics</i> , 2016 , 589, A89	5.1	43
49	Type II supernovae as probes of environment metallicity: observations of host H II regions. <i>Astronomy and Astrophysics</i> , 2016 , 589, A110	5.1	39
48	THE HIGH CADENCE TRANSIENT SURVEY (HITS). I. SURVEY DESIGN AND SUPERNOVA SHOCK BREAKOUT CONSTRAINTS. <i>Astrophysical Journal</i> , 2016 , 832, 155	4.7	32
47	ON THE DEPENDENCE OF TYPE Ia SNe LUMINOSITIES ON THE METALLICITY OF THEIR HOST GALAXIES. <i>Astrophysical Journal Letters</i> , 2016 , 818, L19	7.9	19
46	SPATIALLY RESOLVED STAR FORMATION MAIN SEQUENCE OF GALAXIES IN THE CALIFA SURVEY. <i>Astrophysical Journal Letters</i> , 2016 , 821, L26	7.9	112
45	Pan-STARRS and PESSTO search for an optical counterpart to the LIGO gravitational-wave source GW150914. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 4094-4116	4.3	45
44	Statistical Studies of Supernova Environments. <i>Publications of the Astronomical Society of Australia</i> , 2015 , 32,	5.5	43
43	LSQ14bdq: A TYPE Ic SUPER-LUMINOUS SUPERNOVA WITH A DOUBLE-PEAKED LIGHT CURVE. <i>Astrophysical Journal Letters</i> , 2015 , 807, L18	7.9	85
42	AHUBBLEDIAGRAM FROM TYPE II SUPERNOVAE BASED SOLELY ON PHOTOMETRY: THE PHOTOMETRIC COLOR METHOD. <i>Astrophysical Journal</i> , 2015 , 815, 121	4.7	31
41	PESSTO: survey description and products from the first data release by the Public ESO Spectroscopic Survey of Transient Objects. <i>Astronomy and Astrophysics</i> , 2015 , 579, A40	5.1	178
40	On the diversity of superluminous supernovae: ejected mass as the dominant factor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 452, 3869-3893	4.3	123
39	Central star formation and metallicity in CALIFA interacting galaxies. <i>Astronomy and Astrophysics</i> , 2015 , 579, A45	5.1	41
38	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , 2015 , 576, A135	5.1	133
37	Census of H II regions in NGC 6754 derived with MUSE: Constraints on the metal mixing scale. <i>Astronomy and Astrophysics</i> , 2015 , 573, A105	5.1	31
36	Star formation in the local Universe from the CALIFA sample. <i>Astronomy and Astrophysics</i> , 2015 , 584, A87	5.1	78
35	Imprints of galaxy evolution on H II regions. <i>Astronomy and Astrophysics</i> , 2015 , 574, A47	5.1	67

34	The rise-time of Type II supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 451, 2212-2239	4.3	80
33	CONSTRAINING SUPERNOVA PROGENITORS: AN INTEGRAL FIELD SPECTROSCOPIC SURVEY OF THE EXPLOSION SITES. <i>Publications of the Korean Astronomical Society</i> , 2015 , 30, 139-143		1
32	Early-time light curves of Type Ib/c supernovae from the SDSS-II Supernova Survey. <i>Astronomy and Astrophysics</i> , 2015 , 574, A60	5.1	114
31	The CALIFA survey across the Hubble sequence. <i>Astronomy and Astrophysics</i> , 2015 , 581, A103	5.1	175
30	Nearby supernova host galaxies from the CALIFA Survey. <i>Astronomy and Astrophysics</i> , 2014 , 572, A38	5.1	68
29	Improved cosmological constraints from a joint analysis of the SDSS-II and SNLS supernova samples. <i>Astronomy and Astrophysics</i> , 2014 , 568, A22	5.1	1153
28	CALIFA: a diameter-selected sample for an integral field spectroscopy galaxy survey. <i>Astronomy and Astrophysics</i> , 2014 , 569, A1	5.1	170
27	Principal Component Analysis of type II supernova V band light-curves. <i>Proceedings of the International Astronomical Union</i> , 2014 , 10, 330-332	0.1	
26	The effects of spatial resolution on integral field spectrograph surveys at different redshifts – The CALIFA perspective. <i>Astronomy and Astrophysics</i> , 2014 , 561, A129	5.1	60
25	A characteristic oxygen abundance gradient in galaxy disks unveiled with CALIFA. <i>Astronomy and Astrophysics</i> , 2014 , 563, A49	5.1	308
24	INSIGHTS ON THE STELLAR MASS-METALLICITY RELATION FROM THE CALIFA SURVEY. <i>Astrophysical Journal Letters</i> , 2014 , 791, L16	7.9	74
23	THE EFFECT OF WEAK LENSING ON DISTANCE ESTIMATES FROM SUPERNOVAE. <i>Astrophysical Journal</i> , 2014 , 780, 24	4.7	29
22	DEFINING PHOTOMETRIC PECULIAR TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2014 , 795, 142	4.7	22
21	HUBBLE SPACE TELESCOPE AND GROUND-BASED OBSERVATIONS OF THE TYPE Ia SUPERNOVAE SN 2005hk AND SN 2008A. <i>Astrophysical Journal</i> , 2014 , 786, 134	4.7	49
20	HOST GALAXY SPECTRA AND CONSEQUENCES FOR SUPERNOVA TYPING FROM THE SDSS SN SURVEY. <i>Astronomical Journal</i> , 2014 , 147, 75	4.9	13
19	THE CORE COLLAPSE SUPERNOVA RATE FROM THE SDSS-II SUPERNOVA SURVEY. <i>Astrophysical Journal</i> , 2014 , 792, 135	4.7	57
18	Aperture corrections for disk galaxy properties derived from the CALIFA survey. <i>Astronomy and Astrophysics</i> , 2013 , 553, L7	5.1	33
17	Properties of Type Ia supernovae inside rich galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 434, 1443-1459	4.3	6

16	Nebular emission and the Lyman continuum photon escape fraction in CALIFA early-type galaxies. <i>Astronomy and Astrophysics</i> , 2013 , 555, L1	5.1	73
15	The O3N2 and N2 abundance indicators revisited: improved calibrations based on CALIFA and Te-based literature data. <i>Astronomy and Astrophysics</i> , 2013 , 559, A114	5.1	311
14	Using the environment to understand supernova properties. <i>Proceedings of the International Astronomical Union</i> , 2013 , 9, 350-351	0.1	
13	The nature of LINER galaxies:. <i>Astronomy and Astrophysics</i> , 2013 , 558, A43	5.1	190
12	Mass-metallicity relation explored with CALIFA. <i>Astronomy and Astrophysics</i> , 2013 , 554, A58	5.1	177
11	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , 2013 , 549, A87	5.1	155
10	TYPE Ia SUPERNOVA PROPERTIES AS A FUNCTION OF THE DISTANCE TO THE HOST GALAXY IN THE SDSS-II SN SURVEY. <i>Astrophysical Journal</i> , 2012 , 755, 125	4.7	36
9	THE SUBLUMINOUS SUPERNOVA 2007qd: A MISSING LINK IN A FAMILY OF LOW-LUMINOSITY TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2010 , 720, 704-716	4.7	53
8	MEASUREMENTS OF THE RATE OF TYPE Ia SUPERNOVAE AT REDSHIFT $z \approx 0.3$ FROM THE SLOAN DIGITAL SKY SURVEY II SUPERNOVA SURVEY. <i>Astrophysical Journal</i> , 2010 , 713, 1026-1036	4.7	70
7	A MEASUREMENT OF THE RATE OF TYPE Ia SUPERNOVAE IN GALAXY CLUSTERS FROM THE SDSS-II SUPERNOVA SURVEY. <i>Astrophysical Journal</i> , 2010 , 715, 1021-1035	4.7	35
6	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE).XII. Ionised gas emission in the inner regions of lenticular galaxies. <i>Astronomy and Astrophysics</i> ,	5.1	2
5	Type II supernovae from the Carnegie Supernova Project-I. I. Bolometric light curves of 74 SNe II using uBgVriYJH photometry. <i>Astronomy and Astrophysics</i> ,	5.1	3
4	A detailed spectroscopic study of tidal disruption events. <i>Astronomy and Astrophysics</i> ,	5.1	3
3	Rates and delay times of type Ia supernovae in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	5
2	Intermediate-luminosity red transients: Spectrophotometric properties and connection to electron-capture supernova explosions. <i>Astronomy and Astrophysics</i> ,	5.1	2
1	Real-time discovery of AT2020xnd: a fast, luminous ultraviolet transient with minimal radioactive ejecta. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	15