

Francoise Combes

List of Publications by Year in descending order

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Version: 2024-02-01

631
papers

24,522
citations

7096

78
h-index

15730

125
g-index

657
all docs

657
docs citations

657
times ranked

8341
citing authors

#	ARTICLE	IF	CITATIONS
1	High molecular gas fractions in normal massive star-forming galaxies in the young Universe. <i>Nature</i> , 2010, 463, 781-784.	27.8	807
2	A study of the gas-star formation relation over cosmic time... <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 407, 2091-2108.	4.4	776
3	PHIBSS: MOLECULAR GAS CONTENT AND SCALING RELATIONS IN $z \sim 1-3$ MASSIVE, MAIN-SEQUENCE STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2013, 768, 74.	4.5	752
4	COMBINED CO AND DUST SCALING RELATIONS OF DEPLETION TIME AND MOLECULAR GAS FRACTIONS WITH COSMIC TIME, SPECIFIC STAR-FORMATION RATE, AND STELLAR MASS. <i>Astrophysical Journal</i> , 2015, 800, 20.	4.5	482
5	PHIBSS: Unified Scaling Relations of Gas Depletion Time and Molecular Gas Fractions*. <i>Astrophysical Journal</i> , 2018, 853, 179.	4.5	467
6	Star formation efficiency in galaxy interactions and mergers: a statistical study. <i>Astronomy and Astrophysics</i> , 2007, 468, 61-81.	5.1	363
7	An expanded M_b - \dot{M}_* diagram, and a new calibration of active galactic nuclei masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 2211-2228.	4.4	345
8	The ATLAS3D project - IV. The molecular gas content of early-type galaxies... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 940-967.	4.4	334
9	Molecular line emission in NGC 1068 imaged with ALMA. <i>Astronomy and Astrophysics</i> , 2014, 567, A125.	5.1	330
10	Gas accretion on spiral galaxies: Bar formation and renewal. <i>Astronomy and Astrophysics</i> , 2002, 392, 83-102.	5.1	267
11	Galaxy mergers with various mass ratios: Properties of remnants. <i>Astronomy and Astrophysics</i> , 2005, 437, 69-85.	5.1	265
12	THE METALLICITY DEPENDENCE OF THE CO \rightarrow H ₂ CONVERSION FACTOR IN $z \sim 1$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2012, 746, 69.	4.5	232
13	On the frequency, intensity, and duration of starburst episodes triggered by galaxy interactions and mergers. <i>Astronomy and Astrophysics</i> , 2008, 492, 31-49.	5.1	220
14	Multiple minor mergers: formation of elliptical galaxies and constraints for the growth of spiral disks. <i>Astronomy and Astrophysics</i> , 2007, 476, 1179-1190.	5.1	215
15	A Multi-transition HCN and HCO ⁺ Study of 12 Nearby Active Galaxies: Active Galactic Nucleus versus Starburst Environments. <i>Astrophysical Journal</i> , 2008, 677, 262-275.	4.5	191
16	Cold molecular gas in cooling flow clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2003, 412, 657-667.	5.1	187
17	Distribution of CO in the Milky Way. <i>Annual Review of Astronomy and Astrophysics</i> , 1991, 29, 195-237.	24.3	178
18	Cold molecular gas in the Perseus cluster core. <i>Astronomy and Astrophysics</i> , 2006, 454, 437-445.	5.1	175

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19	ALMA RESOLVES THE TORUS OF NGC 1068: CONTINUUM AND MOLECULAR LINE EMISSION. <i>Astrophysical Journal Letters</i> , 2016, 823, L12.	8.3	170
20	Flat-cored Dark Matter in Cuspy Clusters of Galaxies. <i>Astrophysical Journal</i> , 2004, 607, L75-L78.	4.5	168
21	Molecular gas and star formation in the SAURON early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1795-1807.	4.4	168
22	The redshift of the gravitational lens of PKS1830-211 determined from molecular absorption lines. <i>Nature</i> , 1996, 379, 139-141.	27.8	159
23	A sub-parsec resolution simulation of the Milky Way: global structure of the interstellar medium and properties of molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1836-1851.	4.4	159
24	The lifetime of galactic bars: central mass concentrations and gravity torques. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 364, L18-L22.	3.3	157
25	Evolution of galactic discs: multiple patterns, radial migration, and disc outskirts. <i>Astronomy and Astrophysics</i> , 2012, 548, A126.	5.1	149
26	Radial migration in galactic disks caused by resonance overlap of multiple patterns: Self-consistent simulations. <i>Astronomy and Astrophysics</i> , 2011, 527, A147.	5.1	145
27	Molecular gas in Nuclei of GALaxies (NUGA). <i>Astronomy and Astrophysics</i> , 2005, 441, 1011-1030.	5.1	138
28	Formation of polar ring galaxies. <i>Astronomy and Astrophysics</i> , 2003, 401, 817-833.	5.1	137
29	Molecules at $z = 0.89$. <i>Astronomy and Astrophysics</i> , 2011, 535, A103.	5.1	137
30	ALMA observations of feeding and feedback in nearby Seyfert galaxies: an AGN-driven outflow in NGC 1433. <i>Astronomy and Astrophysics</i> , 2013, 558, A124.	5.1	137
31	Cold, clumpy accretion onto an active supermassive black hole. <i>Nature</i> , 2016, 534, 218-221.	27.8	137
32	ALMA observations of molecular tori around massive black holes. <i>Astronomy and Astrophysics</i> , 2019, 623, A79.	5.1	134
33	Molecular and atomic gas in the Local Group galaxy M33. <i>Astronomy and Astrophysics</i> , 2010, 522, A3.	5.1	132
34	Gas flow models in the Milky Way embedded bars. <i>Astronomy and Astrophysics</i> , 2008, 489, 115-133.	5.1	130
35	Lopsided spiral galaxies: evidence for gas accretion. <i>Astronomy and Astrophysics</i> , 2005, 438, 507-520.	5.1	129
36	Dynamics of embedded bars and the connection with AGN. <i>Astronomy and Astrophysics</i> , 2001, 368, 52-63.	5.1	127

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37	Reconstructing the star formation history of the Milky Way disc(s) from chemical abundances. <i>Astronomy and Astrophysics</i> , 2015, 578, A87.	5.1	124
38	A bright $z = 5.2$ lensed submillimeter galaxy in the field of Abell 773. <i>Astronomy and Astrophysics</i> , 2012, 538, L4.	5.1	118
39	THE DOMINANT EPOCH OF STAR FORMATION IN THE MILKY WAY FORMED THE THICK DISK. <i>Astrophysical Journal Letters</i> , 2014, 781, L31.	8.3	115
40	ABUNDANT MOLECULAR GAS AND INEFFICIENT STAR FORMATION IN INTRACLUSTER REGIONS: RAM PRESSURE STRIPPED TAIL OF THE NORMA GALAXY ESO137-001. <i>Astrophysical Journal</i> , 2014, 792, 11.	4.5	114
41	A 10^{10} SOLAR MASS FLOW OF MOLECULAR GAS IN THE A1835 BRIGHTEST CLUSTER GALAXY. <i>Astrophysical Journal</i> , 2014, 785, 44.	4.5	112
42	New spectroscopic redshifts from the CDFS and a test of the cosmological relevance of the GOODS-South field. <i>Astronomy and Astrophysics</i> , 2007, 465, 1099-1108.	5.1	109
43	DUST HEATING SOURCES IN GALAXIES: THE CASE OF M33 (HERM33ES). <i>Astronomical Journal</i> , 2011, 142, 111.	4.7	109
44	Tidal dwarf galaxies as a test of fundamental physics. <i>Astronomy and Astrophysics</i> , 2007, 472, L25-L28.	5.1	107
45	Molecular line emission in NGC 1068 imaged with ALMA. <i>Astronomy and Astrophysics</i> , 2014, 570, A28.	5.1	107
46	Signatures of radial migration in barred galaxies: Azimuthal variations in the metallicity distribution of old stars. <i>Astronomy and Astrophysics</i> , 2013, 553, A102.	5.1	103
47	Gas fraction and star formation efficiency at $z \approx 1.0$. <i>Astronomy and Astrophysics</i> , 2013, 550, A41.	5.1	102
48	Molecular Gas in NUClei of GALaxies (NUGA). <i>Astronomy and Astrophysics</i> , 2003, 407, 485-502.	5.1	102
49	Molecular gas and star formation in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 1197-1222.	4.4	101
50	The interplay between a galactic bar and a supermassive black hole: nuclear fuelling in a subparsec resolution galaxy simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 446, 2468-2482.	4.4	101
51	Improved constraints on possible variation of physical constants from H I 21-cm and molecular QSO absorption lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 327, 1244-1248.	4.4	100
52	ALMA reveals the feeding of the Seyfert 1 nucleus in NGC 1566. <i>Astronomy and Astrophysics</i> , 2014, 565, A97.	5.1	100
53	Constraints on Changes in Fundamental Constants from a Cosmologically Distant OH Absorber or Emitter. <i>Physical Review Letters</i> , 2005, 95, 261301.	7.8	99
54	SUBMILLIMETER ARRAY/PLATEAU DE BURE INTERFEROMETER MULTIPLE LINE OBSERVATIONS OF THE NEARBY SEYFERT 2 GALAXY NGC 1068: SHOCK-RELATED GAS KINEMATICS AND HEATING IN THE CENTRAL 100 pc?. <i>Astrophysical Journal</i> , 2011, 736, 37.	4.5	98

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55	An almost head-on collision as the origin of two off-centre rings in the Andromeda galaxy. <i>Nature</i> , 2006, 443, 832-834.	27.8	97
56	ALMA images the many faces of the NGC 1068 torus and its surroundings. <i>Astronomy and Astrophysics</i> , 2019, 632, A61.	5.1	97
57	Formation of cold filaments in cooling flow clusters. <i>Astronomy and Astrophysics</i> , 2008, 477, L33-L36.	5.1	96
58	The AMIGA sample of isolated galaxies. <i>Astronomy and Astrophysics</i> , 2007, 472, 121-130.	5.1	95
59	Ubiquitous cold and massive filaments in cool core clusters. <i>Astronomy and Astrophysics</i> , 2019, 631, A22.	5.1	92
60	On the survival of metallicity gradients to major dry-mergers. <i>Astronomy and Astrophysics</i> , 2009, 499, 427-437.	5.1	92
61	A very extended molecular web around NGC 1275. <i>Astronomy and Astrophysics</i> , 2011, 531, A85.	5.1	91
62	The Close AGN Reference Survey (CARS). <i>Astronomy and Astrophysics</i> , 2016, 593, L8.	5.1	91
63	High-redshift major mergers weakly enhance star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 1934-1949.	4.4	90
64	DYNAMICAL EVOLUTION OF AGN HOST GALAXIES – GAS IN/OUT-FLOW RATES IN SEVEN NUGA GALAXIES. <i>Astrophysical Journal</i> , 2009, 692, 1623-1661.	4.5	89
65	Giant molecular clouds in the Local Group galaxy M 33. <i>Astronomy and Astrophysics</i> , 2012, 542, A108.	5.1	89
66	The Herschel Lensing Survey (HLS): Overview. <i>Astronomy and Astrophysics</i> , 2010, 518, L12.	5.1	87
67	The IRAM M 33 CO(2-1) survey. <i>Astronomy and Astrophysics</i> , 2014, 567, A118.	5.1	87
68	Kinematics of tidal tails in interacting galaxies: Tidal dwarf galaxies and projection effects. <i>Astronomy and Astrophysics</i> , 2004, 425, 813-823.	5.1	87
69	The simulated 21 cm signal during the epoch of reionization: full modeling of the Ly- α pumping. <i>Astronomy and Astrophysics</i> , 2009, 495, 389-405.	5.1	86
70	[C II] AND $^{12}\text{CO}(1-0)$ EMISSION MAPS IN HLSJ091828.6+514223: A STRONGLY LENSED INTERACTING SYSTEM AT $z = 5.24$. <i>Astrophysical Journal</i> , 2014, 783, 59.	4.5	86
71	A precise and accurate determination of the cosmic microwave background temperature at $z = 0.89$. <i>Astronomy and Astrophysics</i> , 2013, 551, A109.	5.1	85
72	A Galaxy-scale Fountain of Cold Molecular Gas Pumped by a Black Hole. <i>Astrophysical Journal</i> , 2018, 865, 13.	4.5	85

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73	Probing highly obscured, self-absorbed galaxy nuclei with vibrationally excited HCN. <i>Astronomy and Astrophysics</i> , 2015, 584, A42.	5.1	83
74	Molecular depletion times and the CO-to-H ₂ conversion factor in metal-poor galaxies. <i>Astronomy and Astrophysics</i> , 2015, 583, A114.	5.1	83
75	Evolution of spiral galaxies in modified gravity. <i>Astronomy and Astrophysics</i> , 2007, 464, 517-528.	5.1	81
76	AN INFRARED-LUMINOUS MERGER WITH TWO BIPOLAR MOLECULAR OUTFLOWS: ALMA AND SMA OBSERVATIONS OF NGC 3256. <i>Astrophysical Journal</i> , 2014, 797, 90.	4.5	81
77	The echo of the bar buckling: Phase-space spirals in <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2019, 622, L6.	5.1	81
78	New constraints on dust emission and UV attenuation of $z = 6.5$ – 7.5 galaxies from millimeter observations. <i>Astronomy and Astrophysics</i> , 2015, 574, A19.	5.1	80
79	Near-IR photometry of disk galaxies: Search for nuclear isophotal twist and double bars. <i>Astronomy and Astrophysics</i> , 1997, 125, 479-496.	2.1	80
80	Driving massive molecular gas flows in central cluster galaxies with AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3025-3045.	4.4	79
81	Formation and evolution of galactic disks with a multiphase numerical model. <i>Astronomy and Astrophysics</i> , 2002, 388, 826-841.	5.1	79
82	PHIBSS: MOLECULAR GAS, EXTINCTION, STAR FORMATION, AND KINEMATICS IN THE $z = 1.5$ STAR-FORMING GALAXY EGS13011166. <i>Astrophysical Journal</i> , 2013, 773, 68.	4.5	78
83	Molecular gas content in strongly lensed $z \sim 1.5$ star-forming galaxies with low infrared luminosities. <i>Astronomy and Astrophysics</i> , 2015, 577, A50.	5.1	78
84	ALMA Unveils Widespread Molecular Gas Clumps in the Ram Pressure Stripped Tail of the Norma Jellyfish Galaxy. <i>Astrophysical Journal</i> , 2019, 883, 145.	4.5	78
85	HCOOH as a probe of temperature and structure in Orion-KL. <i>Astronomy and Astrophysics</i> , 2011, 532, A32.	5.1	77
86	PHIBSS2: survey design and $z = 0.5$ – 0.8 results. <i>Astronomy and Astrophysics</i> , 2019, 622, A105.	5.1	77
87	Velocity dispersion around ellipticals in MOND. <i>Astronomy and Astrophysics</i> , 2007, 476, L1-L4.	5.1	76
88	Reionization by UV or X-ray sources. <i>Astronomy and Astrophysics</i> , 2010, 523, A4.	5.1	74
89	Lopsided spiral galaxies. <i>Physics Reports</i> , 2009, 471, 75-111.	25.6	73
90	The Complex Molecular Absorption Line System at $z = 0.886$ toward PKS 1830–211. <i>Astrophysical Journal</i> , 1998, 500, 129-137.	4.5	73

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91	The M 31 double nucleus probed with OASIS and HST. <i>Astronomy and Astrophysics</i> , 2001, 371, 409-428.	5.1	72
92	MASSIVE MOLECULAR GAS FLOWS IN THE A1664 BRIGHTEST CLUSTER GALAXY. <i>Astrophysical Journal</i> , 2014, 784, 78.	4.5	72
93	MOLECULAR GAS IN THE X-RAY BRIGHT GROUP NGC 5044 AS REVEALED BY ALMA. <i>Astrophysical Journal</i> , 2014, 792, 94.	4.5	72
94	ALMA observations of cold molecular gas filaments trailing rising radio bubbles in PKS 0745+191. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3134-3149.	4.4	72
95	Galaxy evolution and star formation efficiency at 0.2 z ≤ 0.6. <i>Astronomy and Astrophysics</i> , 2011, 528, A124.	5.1	72
96	Unequal-mass galaxy merger remnants: Spiral-like morphology but elliptical-like kinematics. <i>Astronomy and Astrophysics</i> , 2004, 418, L27-L30.	5.1	70
97	From molecules to young stellar clusters: the star formation cycle across the disk of M 33. <i>Astronomy and Astrophysics</i> , 2017, 601, A146.	5.1	70
98	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2018, 614, A56.	5.1	70
99	The dilution peak, metallicity evolution, and dating of galaxy interactions and mergers. <i>Astronomy and Astrophysics</i> , 2010, 518, A56.	5.1	69
100	ALMA reveals optically thin, highly excited CO gas in the jet-driven winds of the galaxy IC 5063. <i>Astronomy and Astrophysics</i> , 2016, 595, L7.	5.1	69
101	Gravitational torques in spiral galaxies: Gas accretion as a driving mechanism of galactic evolution. <i>Astronomy and Astrophysics</i> , 2002, 394, L35-L38.	5.1	68
102	PACS and SPIRE photometer maps of M 33: First results of the HERschel Extended Survey (HERM33ES). <i>Astronomy and Astrophysics</i> , 2010, 518, L67.	5.1	68
103	Molecular Gas Dominated 50 kpc Ram Pressure Stripped Tail of the Coma Galaxy D100 [*] . <i>Astrophysical Journal</i> , 2017, 839, 114.	4.5	68
104	High-resolution imaging of the molecular outflows in two mergers: IRAS 17208-0014 and NGC 1614. <i>Astronomy and Astrophysics</i> , 2015, 580, A35.	5.1	68
105	Self-gravity as an explanation of the fractal structure of the interstellar medium. <i>Nature</i> , 1996, 383, 56-58.	27.8	67
106	Lyman-alpha radiative transfer during the epoch of reionization: contribution to 21-cm signal fluctuations. <i>Astronomy and Astrophysics</i> , 2007, 474, 365-374.	5.1	67
107	TANGO I: Interstellar medium in nearby radio galaxies. <i>Astronomy and Astrophysics</i> , 2010, 518, A9.	5.1	67
108	Resolving the Nuclear Obscuring Disk in the Compton-thick Seyfert Galaxy NGC 5643 with ALMA. <i>Astrophysical Journal</i> , 2018, 859, 144.	4.5	67

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109	Bar quenching in gas-rich galaxies. <i>Astronomy and Astrophysics</i> , 2018, 609, A60.	5.1	67
110	The GalMer database: galaxy mergers in the virtual observatory. <i>Astronomy and Astrophysics</i> , 2010, 518, A61.	5.1	67
111	Optical emission line nebulae in galaxy cluster cores 1: the morphological, kinematic and spectral properties of the sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1758-1789.	4.4	66
112	Continuous stellar mass-loss in N-body models of galaxies. <i>Astronomy and Astrophysics</i> , 2001, 376, 85-97.	5.1	65
113	Dust and gas power spectrum in MÂ33 (HERM33ES). <i>Astronomy and Astrophysics</i> , 2012, 539, A67.	5.1	65
114	On the kinematic detection of accreted streams in the Gaia era: a cautionary tale. <i>Astronomy and Astrophysics</i> , 2017, 604, A106.	5.1	65
115	Why the Milky Way's bulge is not only a bar formed from a cold thin disk. <i>Astronomy and Astrophysics</i> , 2015, 577, A1.	5.1	64
116	Cold and warm molecular gas in the outflow of 4C+12.50. <i>Astronomy and Astrophysics</i> , 2012, 541, L7.	5.1	64
117	FUELING THE AGN. , 2001, , 223-278.		64
118	Environmental regulation of cloud and star formation in galactic bars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 3299-3310.	4.4	63
119	Far-ultraviolet morphology of star-forming filaments in cool core brightest cluster galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 3768-3800.	4.4	62
120	Molecular Gas in NUClei of GALaxies (NUGA). <i>Astronomy and Astrophysics</i> , 2008, 482, 133-150.	5.1	62
121	Dynamics of Galaxies: From the Early Universe to the Present 1. <i>Publications of the Astronomical Society of the Pacific</i> , 2000, 112, 423-423.	3.1	61
122	PLATO as it is: A legacy mission for Galactic archaeology. <i>Astronomische Nachrichten</i> , 2017, 338, 644-661.	1.2	61
123	Probing isotopic ratios at $z=0.89$: molecular line absorption in front of the quasar PKS 1830-211. <i>Astronomy and Astrophysics</i> , 2006, 458, 417-426.	5.1	61
124	Cold gas in the Perseus cluster core: excitation of molecular gas in filaments. <i>Astronomy and Astrophysics</i> , 2008, 484, 317-325.	5.1	60
125	CH ₃ OCH ₃ in Orion-KL: a striking similarity with HCOOCH ₃ . <i>Astronomy and Astrophysics</i> , 2013, 550, A46.	5.1	60
126	Mapping a stellar disk into a boxy bulge: The outside-in part of the Milky Way bulge formation. <i>Astronomy and Astrophysics</i> , 2014, 567, A122.	5.1	60

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127	Properties of the molecular gas in the fast outflow in the Seyfert galaxy IC 5063. <i>Astronomy and Astrophysics</i> , 2017, 608, A38.	5.1	60
128	The Galaxy Activity, Torus, and Outflow Survey (GATOS). <i>Astronomy and Astrophysics</i> , 2021, 652, A98.	5.1	60
129	Numerical simulations of central stellar velocity dispersion drops in disc galaxies. <i>Astronomy and Astrophysics</i> , 2003, 409, 469-477.	5.1	58
130	An ALMA Early Science survey of molecular absorption lines toward PKS 1830-211. <i>Astronomy and Astrophysics</i> , 2014, 566, A112.	5.1	57
131	Quantifying stellar radial migration in an N -body simulation: blurring, churning, and the outer regions of galaxy discs. <i>Astronomy and Astrophysics</i> , 2015, 578, A58.	5.1	57
132	Molecular clouds in the Cosmic Snake normal star-forming galaxy 8 billion years ago. <i>Nature Astronomy</i> , 2019, 3, 1115-1121.	10.1	57
133	Molecular and Ionized Gas Phases of an AGN-driven Outflow in a Typical Massive Galaxy at $z \sim 2$. <i>Astrophysical Journal</i> , 2019, 871, 37.	4.5	56
134	Towards a resolved Kennicutt-Schmidt law at high redshift. <i>Astronomy and Astrophysics</i> , 2013, 553, A130.	5.1	55
135	Gas stripping in galaxy clusters: a new SPH simulation approach. <i>Astronomy and Astrophysics</i> , 2007, 472, 5-20.	5.1	54
136	New CO observations and simulations of the NGC 4438/NGC 4435 system. <i>Astronomy and Astrophysics</i> , 2005, 441, 473-489.	5.1	54
137	Detection of interstellar H ₃ O(+) - A confirming line. <i>Astrophysical Journal</i> , 1991, 380, L79.	4.5	54
138	Variation in the dust emissivity index across $M \sim 33$ with <i>Herschel</i> and <i>Spitzer</i> (HerMES). <i>Astronomy and Astrophysics</i> , 2014, 561, A95.	5.1	53
139	Massive star formation in the central regions of spiral galaxies. <i>Astronomy and Astrophysics</i> , 2006, 448, 489-498.	5.1	53
140	The disc origin of the Milky Way bulge. <i>Astronomy and Astrophysics</i> , 2018, 616, A180.	5.1	52
141	The Close AGN Reference Survey (CARS). <i>Astronomy and Astrophysics</i> , 2019, 627, A53.	5.1	52
142	Molecular gas and star formation in the red-sequence counter-rotating disc galaxy NGC 4550. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 1255-1264.	4.4	51
143	Mass assembly of galaxies. <i>Astronomy and Astrophysics</i> , 2012, 544, A68.	5.1	51
144	<i>Planck</i> 2013 results. <i>Astronomy and Astrophysics</i> , 2014, 571, E1.	5.1	51

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145	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, E1.	5.1	51
146	The Close AGN Reference Survey (CARS). <i>Astronomy and Astrophysics</i> , 2016, 593, L9.	5.1	51
147	New H I Observations of the Prototype Polar Ring Galaxy NGC 4650A. <i>Astronomical Journal</i> , 1997, 113, 585.	4.7	50
148	Exceptional AGN-driven turbulence inhibits star formation in the 3C 326N radio galaxy. <i>Astronomy and Astrophysics</i> , 2015, 574, A32.	5.1	49
149	Close entrainment of massive molecular gas flows by radio bubbles in the central galaxy of Abell 1795. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 4024-4037.	4.4	49
150	Bars and boxy/peanut bulges in thin and thick discs. <i>Astronomy and Astrophysics</i> , 2017, 606, A47.	5.1	49
151	Detection of Water at $z = 0.685$ toward B0218+357. <i>Astrophysical Journal</i> , 1997, 486, L79-L82.	4.5	49
152	MOLECULAR GAS ALONG A BRIGHT H α FILAMENT IN 2A 0335+096 REVEALED BY ALMA. <i>Astrophysical Journal</i> , 2016, 832, 148.	4.5	48
153	Nuclear molecular outflow in the Seyfert galaxy NGC 3227. <i>Astronomy and Astrophysics</i> , 2019, 628, A65.	5.1	48
154	Polar Ring Galaxies and the Tully-Fisher Relation: Implications for the Dark Halo Shape. <i>Astrophysical Journal</i> , 2003, 585, 730-738.	4.5	48
155	Loss of Mass and Stability of Galaxies in Modified Newtonian Dynamics. <i>Astrophysical Journal</i> , 2007, 665, L101-L104.	4.5	47
156	The resolved star-formation relation in nearby active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2015, 577, A135.	5.1	47
157	Constraining cold accretion on to supermassive black holes: molecular gas in the cores of eight brightest cluster galaxies revealed by joint CO and CN absorption. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 349-365.	4.4	47
158	Atomic and molecular gas in the merger galaxy NGC 1316 (Fornax A) and its environment. <i>Astronomy and Astrophysics</i> , 2001, 376, 837-852.	5.1	47
159	Molecular gas in Nuclei of Galaxies (NUGA). <i>Astronomy and Astrophysics</i> , 2004, 414, 857-872.	5.1	47
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