

Ray M Sharples

List of Publications by Year in descending order

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200
papers

8,321
citations

47006

47
h-index

49909

87
g-index

203
all docs

203
docs citations

203
times ranked

4978
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution since $z=0.5$ of the Morphology-Density Relation for Clusters of Galaxies. <i>Astrophysical Journal</i> , 1997, 490, 577-591.	4.5	871
2	A spectroscopic study of three rich galaxy clusters at $z = 0.31$. <i>Monthly Notices of the Royal Astronomical Society</i> , 1987, 229, 423-456.	4.4	369
3	Hubble Space Telescope Observations of the Lensing Cluster Abell 2218. <i>Astrophysical Journal</i> , 1996, 471, 643-656.	4.5	365
4	The Homogeneity of Spheroidal Populations in Distant Clusters. <i>Astrophysical Journal</i> , 1997, 483, 582-596.	4.5	353
5	The Anglo-Australian Observatory 2dF facility. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 333, 279-298.	4.4	278
6	Morphological Studies of the Galaxy Populations in Distant 'Butcher-Oemler' Clusters with the Hubble Space Telescope. II. AC 103, AC 118, and AC 114 at $z=0.31$. <i>Astrophysical Journal</i> , 1998, 497, 188-211.	4.5	260
7	Morphological studies of the galaxy populations in distant 'Butcher-Oemler' clusters with HST. I: AC 114 AT $Z = 0.31$ and Abell 370 at $Z = 0.37$. <i>Astrophysical Journal</i> , 1994, 430, 121.	4.5	185
8	EVIDENCE FOR WIDE-SPREAD ACTIVE GALACTIC NUCLEUS-DRIVEN OUTFLOWS IN THE MOST MASSIVE $z \sim 1/4$ 1-2 STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2014, 796, 7.	4.5	184
9	On the formation of globular cluster systems in a hierarchical Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 333, 383-399.	4.4	181
10	The Formation and Evolution of Candidate Young Globular Clusters in NGC 3256. <i>Astronomical Journal</i> , 1999, 118, 752-764.	4.7	164
11	The KMOS Redshift One Spectroscopic Survey (KROSS): dynamical properties, gas and dark matter fractions of typical $z \sim 1/4$ 1 star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1888-1904.	4.4	154
12	WIDE-FIELD PRECISION KINEMATICS OF THE M87 GLOBULAR CLUSTER SYSTEM. <i>Astrophysical Journal</i> , Supplement Series, 2011, 197, 33.	7.7	150
13	Star formation in early-type galaxies in the Coma cluster. <i>Astronomical Journal</i> , 1993, 106, 473.	4.7	146
14	The life-cycle of star formation in distant clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 279, 1-24.	4.4	138
15	A Catalog of Morphological Types in 10 Distant Rich Clusters of Galaxies. <i>Astrophysical Journal</i> , Supplement Series, 1997, 110, 213-225.	7.7	133
16	A Wide-Field [ITAL]K/[ITAL]-band Survey: The Luminosity Function of Galaxies. <i>Astrophysical Journal</i> , 1997, 480, L99-L102.	4.5	133
17	A Comparison of Direct and Indirect Mass Estimates for Distant Clusters of Galaxies. <i>Astrophysical Journal</i> , 1997, 479, 70-81.	4.5	117
18	THE ANGULAR MOMENTUM DISTRIBUTION AND BARYON CONTENT OF STAR-FORMING GALAXIES AT $z \sim 1/4$. <i>Astrophysical Journal</i> , 2016, 826, 214.	4.5	107

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19	The KMOS AGN Survey at High redshift (KASH <i>z</i>): the prevalence and drivers of ionized outflows in the host galaxies of X-ray AGN. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1195-1220.	4.4	105
20	Fibre Multi-Object Spectrograph (FMOS) for the Subaru Telescope. Publication of the Astronomical Society of Japan, 2010, 62, 1135-1147.	2.5	104
21	A CONSISTENT STUDY OF METALLICITY EVOLUTION AT 0.8 z ≤ 2.6. Astrophysical Journal Letters, 2014, 789, L40.	8.3	96
22	A complete galaxy redshift survey - V. Infrared luminosity functions for field galaxies. Monthly Notices of the Royal Astronomical Society, 1993, 263, 560-574.	4.4	95
23	THE HST/ACS COMA CLUSTER SURVEY. IV. INTERGALACTIC GLOBULAR CLUSTERS AND THE MASSIVE GLOBULAR CLUSTER SYSTEM AT THE CORE OF THE COMA GALAXY CLUSTER. Astrophysical Journal, 2011, 730, 23.	4.5	94
24	Optical observations of supernova 1993J from La Palma - I. Days 2 to 125. Monthly Notices of the Royal Astronomical Society, 1994, 266, L27-L39.	4.4	85
25	A relationship between specific star formation rate and metallicity gradient within $z \approx 1$ galaxies from KMOS-HIZELS. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2695-2704.	4.4	83
26	The Hubble Space Telescope Advanced Camera for Surveys Coma Cluster Survey. I. Survey Objectives and Design. Astrophysical Journal, Supplement Series, 2008, 176, 424-437.	7.7	79
27	Luminosity and stellar mass functions of discs and spheroids in the SDSS and the supermassive black hole mass function. Monthly Notices of the Royal Astronomical Society, 2007, 379, 841-866.	4.4	78
28	The Software Package for Astronomical Reductions with KMOS: SPARK. Astronomy and Astrophysics, 2013, 558, A56.	5.1	75
29	The KMOS Redshift One Spectroscopic Survey (KROSS): rotational velocities and angular momentum of $z \approx 0.9$ galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 467, 1965-1983.	4.4	72
30	The KMOS Deep Survey (KDS) - I. Dynamical measurements of typical star-forming galaxies at $z \approx 3.5$. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1280-1320.	4.4	71
31	The KMOS Redshift One Spectroscopic Survey (KROSS): the origin of disc turbulence in $z \approx 1$ star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5076-5104.	4.4	70
32	Dynamical Constraints on the Formation of NGC 4472 and Its Globular Clusters. Astronomical Journal, 2000, 120, 2928-2937.	4.7	68
33	Testing stellar population models with star clusters in the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2002, 336, 168-188.	4.4	65
34	Stellar dynamics of Cen A. Monthly Notices of the Royal Astronomical Society, 1986, 218, 297-329.	4.4	64
35	A complete galaxy redshift sample - IV. Optical and infrared colour-luminosity relations. Monthly Notices of the Royal Astronomical Society, 1986, 223, 11-37.	4.4	63
36	The Southern SHARC Survey: the $[CLC]_{[ITAL]z} = 0.3 \approx 0.7$ Cluster X-Ray Luminosity Function. Astrophysical Journal, 1997, 488, L83-L86.	4.5	63

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37	On the Evolution of X-Ray Clusters at High Redshift. <i>Astrophysical Journal</i> , 1997, 479, L117-L120.	4.5	61
38	Hubble Space Telescope Observations of Giant Arcs: High-Resolution Imaging of Distant Field Galaxies. <i>Astrophysical Journal</i> , 1996, 469, 508.	4.5	57
39	Gemini/GMOS spectra of globular clusters in the Leo group elliptical NGC 3379. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 366, 1253-1264.	4.4	56
40	Performance of the Southern African Large Telescope (SALT) High Resolution Spectrograph (HRS). <i>Proceedings of SPIE</i> , 2014, , .	0.8	56
41	VLT spectroscopy of NGC 3115 globular clusters. <i>Astronomy and Astrophysics</i> , 2002, 395, 761-777.	5.1	56
42	Colour-magnitude relations and spectral line strengths in the Coma cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 310, 445-452.	4.4	55
43	Wide-field kinematics of globular clusters in the Leo I group. <i>Astronomy and Astrophysics</i> , 2006, 448, 155-164.	5.1	55
44	SPACE: the spectroscopic all-sky cosmic explorer. <i>Experimental Astronomy</i> , 2009, 23, 39-66.	3.7	54
45	GMOS Spectroscopy of the S0 Galaxy NGC 3115. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 815-824.	4.4	53
46	A real-time closed-loop liquid crystal adaptive optics system: first results. <i>Optics Communications</i> , 1997, 137, 17-21.	2.1	51
47	Stellar population in early-type galaxies: Further evidence for environmental influences. <i>Astronomical Journal</i> , 1994, 108, 2054.	4.7	49
48	The globular cluster kinematics and galaxy dark matter content of NGC 4649 (M60). <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 373, 157-166.	4.4	48
49	Gemini/GMOS spectroscopy of the spheroid and globular cluster system of NGC 3923. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 40-52.	4.4	48
50	New Constraints on the Luminosity Evolution of Spheroidal Galaxies in Distant Clusters. <i>Astrophysical Journal</i> , 1998, 501, 522-532.	4.5	48
51	Angular momentum evolution of galaxies over the past 10 Gyr: A MUSE and KMOS dynamical survey of 400 star-forming galaxies from $z \leq 1.7$. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx201.	4.4	45
52	Ages and metallicities of globular clusters in NGC 4472. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 318, 1249-1263.	4.4	44
53	A Subaru/Suprime-Cam wide-field survey of globular cluster populations around M87 - II. Colour and spatial distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 373, 601-612.	4.4	43
54	THE HST /ACS COMA CLUSTER SURVEY. II. DATA DESCRIPTION AND SOURCE CATALOGS. <i>Astrophysical Journal</i> , Supplement Series, 2010, 191, 143-159.	7.7	42

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55	Sizes, colour gradients and resolved stellar mass distributions for the massive cluster galaxies in XMMUJ2235-2557 at $z = 1.39$. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3181-3209.	4.4	41
56	The SALT HRS spectrograph: final design, instrument capabilities, and operational modes. Proceedings of SPIE, 2010, , .	0.8	40
57	Inferring divertor plasma properties from hydrogen Balmer and Paschen series spectroscopy in JET-ILW. Nuclear Fusion, 2015, 55, 123028.	3.5	40
58	A Subaru/Suprime-Cam wide-field survey of globular cluster populations around M87 - I. Observation, data analysis and luminosity function. Monthly Notices of the Royal Astronomical Society, 2006, 373, 588-600.	4.4	38
59	Gemini/GMOS imaging of globular cluster systems in five early-type galaxies... Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	4.4	38
60	THE DYNAMICS OF $0.8 H I \pm$ -SELECTED STAR-FORMING GALAXIES FROM KMOS/CF-HIZELS. Astrophysical Journal, 2013, 779, 139.	4.5	38
61	The KMOS Redshift One Spectroscopic Survey (KROSS): the Tully-Fisher relation at $z \approx 1$. Monthly Notices of the Royal Astronomical Society, 2016, 460, 103-129.	4.4	38
62	The shapes of the rotation curves of star-forming galaxies over the last ~ 10 Gyr. Monthly Notices of the Royal Astronomical Society, 2019, 485, 934-960.	4.4	37
63	Gemini/GMOS imaging of globular clusters in the Virgo galaxy NGC 4649 (M60). Monthly Notices of the Royal Astronomical Society, 2004, 355, 608-616.	4.4	36
64	Gemini/GMOS spectra of globular clusters in the Virgo giant elliptical NGC 4649. Monthly Notices of the Royal Astronomical Society, 2006, 368, 325-334.	4.4	36
65	The SALT HRS spectrograph: instrument integration and laboratory test results. Proceedings of SPIE, 2012, , .	0.8	35
66	KROSS-SAMI: a direct IFS comparison of the Tully-Fisher relation across 8 Gyr since $z \approx 1$. Monthly Notices of the Royal Astronomical Society, 2019, 482, 2166-2188.	4.4	33
67	Coherence imaging of scrape-off-layer and divertor impurity flows in the Mega Amp Spherical Tokamak (invited). Review of Scientific Instruments, 2014, 85, 11D703.	1.3	32
68	Spectroscopy of candidate young globular clusters in NGC 1275. Astrophysical Journal, 1995, 445, L19.	4.5	32
69	Spectroscopy of Globular Clusters in NGC 4472. Astronomical Journal, 1998, 115, 2337-2344.	4.7	32
70	The Luminosity Functions and Stellar Masses of Galactic Disks and Spheroids. Astrophysical Journal, 2002, 574, 104-113.	4.5	32
71	The KMOS Cluster Survey (KCS). I. The Fundamental Plane and the Formation Ages of Cluster Galaxies at Redshift $1.4 < z < 1.6^*$. Astrophysical Journal, 2017, 846, 120.	4.5	31
72	Fiber multi-object spectrograph (FMOS) for the Subaru Telescope. , 2000, 4008, 1111.		30

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73	The Southern SHARC catalogue: a ROSAT survey for distant galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2003, 341, 1093-1108.	4.4	30
74	Overview of new MAST physics in anticipation of first results from MAST Upgrade. Nuclear Fusion, 2019, 59, 112011.	3.5	30
75	The stellar populations of early-type galaxies as a function of their environment. Astronomical Journal, 1990, 99, 530.	4.7	30
76	Globular cluster systems of early-type galaxies in low-density environments... Monthly Notices of the Royal Astronomical Society, 2012, 422, 3591-3610.	4.4	29
77	KASHz: No evidence for ionised outflows instantaneously suppressing star formation in moderate luminosity AGN at $z \sim 1.4-2.6$. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3194-3216.	4.4	29
78	The optical design of the Southern African large telescope high resolution spectrograph: SALT HRS. Proceedings of SPIE, 2008, , .	0.8	28
79	KROSS: mapping the H α emission across the star formation sequence at $z < 1$. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4533-4541.	4.4	28
80	The structure and dynamics of Abell 2670 - I. M/L ratio and orbital anisotropy. Monthly Notices of the Royal Astronomical Society, 1988, 231, 479-508.	4.4	27
81	A wide-field K-band survey - II. Galaxy clustering. Monthly Notices of the Royal Astronomical Society, 1996, 283, L15-L19.	4.4	27
82	The globular cluster kinematics and galaxy dark matter content of NGC 3923. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1485-1498.	4.4	27
83	Binary adaptive optics: atmospheric wave-front correction with a half-wave phase shifter. Applied Optics, 1995, 34, 6058.	2.1	26
84	KMOS: an infrared multiple-object integral field spectrograph for the ESO VLT. , 2004, 5492, 1179.		26
85	Hubble Space Telescope Observations of Gravitationally Lensed Features in the Rich Cluster AC 114. Astrophysical Journal, 1995, 440, 501.	4.5	26
86	Kinematics and metallicities of globular clusters in M104. Monthly Notices of the Royal Astronomical Society, 1997, 284, 376-384.	4.4	25
87	The energetics of starburst-driven outflows at $z \sim 1$ from KMOS. Monthly Notices of the Royal Astronomical Society, 2019, 487, 381-393.	4.4	23
88	A SLUGGS and Gemini/GMOS combined study of the elliptical galaxy M60: wide-field photometry and kinematics of the globular cluster system. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1962-1983.	4.4	22
89	Cryogenic wavefront correction using membrane deformable mirrors. Optics Express, 2001, 8, 17.	3.4	20
90	Overview of the Dark Energy Spectroscopic Instrument. , 2018, , .		20

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91	Kinematics of elliptical-like galaxies with dust lanes. Monthly Notices of the Royal Astronomical Society, 1983, 202, 37-52.	4.4	19
92	Optical–infrared studies of the rich cluster of galaxies Abell 370 at $z = 0.37$. Monthly Notices of the Royal Astronomical Society, 1991, 248, 128-138.	4.4	19
93	KMOS: A multi-object deployable-IFU spectrometer for the ESO VLT. New Astronomy Reviews, 2006, 50, 370-373.	12.8	18
94	The Evolution of Gas-Phase Metallicity and Resolved Abundances in Star-forming Galaxies at $z \approx 0.6$ – 1.8 . Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	18
95	Dual-conjugate wavefront generation for adaptive optics. Optics Express, 2000, 7, 368.	3.4	17
96	The KMOS Cluster Survey (KCS). III. Fundamental Plane of Cluster Galaxies at $z \approx 1.80$ in JKCS 041*. Astrophysical Journal, 2017, 850, 203.	4.5	17
97	The KMOS Cluster Survey (KCS). II. The Effect of Environment on the Structural Properties of Massive Cluster Galaxies at Redshift 1.39 – 1.61 *. Astrophysical Journal, 2018, 856, 8.	4.5	17
98	The dynamics and distribution of angular momentum in HiZELS star-forming galaxies at $z \approx 0.8$ – 3.3 . Monthly Notices of the Royal Astronomical Society, 2019, 486, 175-194.	4.4	17
99	Michigan 160 - Internal kinematics and the cosmic distance scale. Astrophysical Journal, 1990, 364, 23.	4.5	17
100	Spectroscopy of globular cluster candidates in the Sculptor group galaxies NGC 253 and 55. Monthly Notices of the Royal Astronomical Society, 2000, 311, 673-682.	4.4	16
101	Overview of MAST results. Nuclear Fusion, 2015, 55, 104008.	3.5	16
102	Overview of recent physics results from MAST. Nuclear Fusion, 2017, 57, 102007.	3.5	16
103	Space-quality data from balloon-borne telescopes: The High Altitude Lensing Observatory (HALO). Astroparticle Physics, 2012, 38, 31-40.	4.3	13
104	Multi-object spectroscopy of the distant cluster AC103. Monthly Notices of the Royal Astronomical Society, 1985, 212, 687-707.	4.4	12
105	Multiple–Object and Integral Field Near–infrared Spectroscopy Using Fibers. Publications of the Astronomical Society of the Pacific, 1999, 111, 1451-1468.	3.1	12
106	FPGA-based embedded Linux technology in fusion: The MAST microwave imaging system. Fusion Engineering and Design, 2012, 87, 2106-2111.	1.9	12
107	Status of the KMOS multi-object near-infrared integral field spectrograph. Proceedings of SPIE, 2012, , .	0.8	12
108	Angular momentum of $z \approx 1.5$ galaxies and their local analogues with adaptive optics. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5700-5714.	4.4	12

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109	The KMOS galaxy evolution survey (KGES): the angular momentum of star-forming galaxies over the last 10^8 Gyr. Monthly Notices of the Royal Astronomical Society, 2021, 506, 323-342.	4.4	12
110	Practical issues for the use of liquid crystal spatial light modulators in adaptive optics. Optics Communications, 1998, 148, 323-330.	2.1	11
111	TEIFU: a high-resolution integral field unit for the William Herschel Telescope. , 2000, , .		11
112	GIRMOS: an infrared multi-object spectrograph for Gemini. , 2000, , .		11
113	From peculiar morphologies to Hubble-type spirals: the relation between galaxy dynamics and morphology in star-forming galaxies at $z \approx 1.5$. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1492-1512.	4.4	11
114	Enhanced visible and near-infrared capabilities of the JET mirror-linked divertor spectroscopy system. Review of Scientific Instruments, 2014, 85, 11E432.	1.3	10
115	An FPGA-based bolometer for the MAST-U Super-X divertor. Review of Scientific Instruments, 2016, 87, 11E721.	1.3	10
116	EMIR: cryogenic NIR multi-object spectrograph for GTC. , 2000, 4008, 797.		9
117	Design of the KMOS multi-object integral-field spectrograph. , 2006, , .		9
118	New Microslice Technology for Hyperspectral Imaging. Remote Sensing, 2013, 5, 1204-1219.	4.0	9
119	A NEW CATALOG OF HOMOGENIZED ABSORPTION LINE INDICES FOR MILKY WAY GLOBULAR CLUSTERS FROM HIGH-RESOLUTION INTEGRATED SPECTROSCOPY. Astrophysical Journal, Supplement Series, 2016, 227, 24.	7.7	9
120	Cryogenic tests of volume-phase holographic gratings: results at 100 K. Applied Optics, 2006, 45, 5923.	2.1	8
121	Commissioning of the Southern African Large Telescopes (SALT) first-generation instruments. Proceedings of SPIE, 2008, , .	0.8	8
122	Design drivers for a wide-field multi-object spectrograph for the William Herschel Telescope. , 2010, , .		8
123	Doppler coherence imaging of scrape-off-layer impurity flows in the HL-2A tokamak. Review of Scientific Instruments, 2020, 91, 083504.	1.3	8
124	The resolved chemical abundance properties within the interstellar medium of star-forming galaxies at $z \approx 1.5$. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3480-3499.	4.4	7
125	<title>Autofib-2: an automated fiber positioner for the prime focus of the William Herschel Telescope</title>. , 1994, 2198, 125.		6
126	The MARTINI adaptive optics instrument. New Astronomy, 2000, 5, 223-233.	1.8	6

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127	Offspring of SPACE: the spectrograph channel of the ESA Dark Energy Mission EUCLID. , 2008, , .		6
128	DMD multi-object spectroscopy in space: the EUCLID study. Proceedings of SPIE, 2009, , .	0.8	6
129	ORIGIN: metal creation and evolution from the cosmic dawn. Experimental Astronomy, 2012, 34, 519-549.	3.7	6
130	Development of an 11-channel multi wavelength imaging diagnostic for divertor plasmas in MAST Upgrade. Review of Scientific Instruments, 2021, 92, 063510.	1.3	6
131	Performance of the K-band multi-object spectrograph (KMOS) on the ESO VLT. Proceedings of SPIE, 2014, , .	0.8	5
132	The digital mirror Langmuir probe: Field programmable gate array implementation of real-time Langmuir probe biasing. Review of Scientific Instruments, 2019, 90, 083504.	1.3	5
133	2D measurements of plasma electron density using coherence imaging with a pixelated phase mask. Review of Scientific Instruments, 2021, 92, 073506.	1.3	5
134	MOSAIC: a multi-object spectrograph with adaptive image correction. , 2000, 4008, 228.		4
135	Cryogenic Tests of Volume-Phase Holographic Gratings. I. Results at 200 K. Experimental Astronomy, 2003, 15, 1-12.	3.7	4
136	KMOS: an infrared multi-integral field spectrograph for the VLT. , 2003, , .		4
137	Deformable mirror controller for open-loop adaptive optics. Proceedings of SPIE, 2008, , .	0.8	4
138	The E-NIS instrument on-board the ESA Euclid Dark Energy Mission: a general view after positive conclusion of the assessment phase. , 2010, , .		4
139	Young star clusters in the interacting galaxies of Hickson Compact Group 90. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3639-3648.	4.4	4
140	Performance of the Dark Energy Spectroscopic Instrument (DESI) fiber system. , 2020, , .		4
141	Installation of the Dark Energy Spectroscopic Instrument at the Mayall 4-meter telescope. , 2020, , .		4
142	Recent developments in spectroscopy. New Astronomy Reviews, 2001, 45, 77-81.	12.8	3
143	Design and construction of a fiber bundle connector using microlenses. Optical Engineering, 2001, 40, 2709.	1.0	3
144	Cryogenic tests of volume-phase holographic gratings. , 2004, 5492, 634.		3

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145	The KMOS Integral Field System: fabrication, alignment, and test of 1000+ optical surfaces. Proceedings of SPIE, 2012, , .	0.8	3
146	GPU-Based Data Processing for 2-D Microwave Imaging on MAST. Fusion Science and Technology, 2016, 69, 643-654.	1.1	3
147	A compact, smart Langmuir Probe control module for MAST-Upgrade. Journal of Instrumentation, 2017, 12, C11008-C11008.	1.2	3
148	The DESI fiber system. , 2018, , .		3
149	Design and production of DESI slit assemblies. , 2018, , .		3
150	Multiple integral field spectroscopy using image slicers. , 2003, , .		2
151	Prototyping of diamond machined optics for the KMOS and JWST NIRSpec integral field units. , 2006, , .		2
152	eXtreme multiplex spectrograph: a high-demanding mechanical design. , 2010, , .		2
153	Defining requirements and identifying relevant technologies in astrophotonics. Proceedings of SPIE, 2010, , .	0.8	2
154	KMOS @ the VLT: Commissioning and Early Science. Proceedings of the International Astronomical Union, 2014, 10, 11-16.	0.0	2
155	Modifications to the synthetic aperture microwave imaging diagnostic. Review of Scientific Instruments, 2016, 87, 11E129.	1.3	2
156	KMOS: Design Overview and Calibration Requirements. , 2008, , 311-317.		2
157	Design and production of the DESI fibre cables. , 2018, , .		2
158	Calibration of the KMOS Multi-Field Imaging Spectrometer. , 2008, , 319-324.		2
159	<title>Dual-conjugate wavefront generation with liquid crystal spatial light modulators</title>. , 1999, 3749, 662.		1
160	A Million Element Integral Field Unit (MEIFU). , 0, , 99-107.		1
161	Multiple Integral Field Spectroscopy. , 0, , 128-135.		1
162	A prototype cryogenic pick-off arm for multi-IFU spectrometers. , 2004, , .		1

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163	Measurement of throughput variation across a large format volume-phase holographic grating. Optics Express, 2005, 13, 4125.	3.4	1
164	Integral field spectroscopy – Conference summary. New Astronomy Reviews, 2006, 50, 443-445.	12.8	1
165	Synthesis of approximate zonal controllers for MEMS DMs. , 2008, , .		1
166	XMS and NG1dF: extreme multiplex spectrographs for wide-field multi-object spectroscopy. , 2010, , .		1
167	EUCLID: design of the prism DMD NIR spectrograph. , 2010, , .		1
168	Fiber system design for the Dark Energy Spectroscopic Instrument (DESI). Proceedings of SPIE, 2016, , .	0.8	1
169	On-ground characterization of the <i>Euclid's</i> CCD273-based readout chain. Proceedings of SPIE, 2016, , .	0.8	1
170	The DESI slit design: science and calibration solutions. , 2016, , .		1
171	HST Observations Of Giant Arcs. Symposium - International Astronomical Union, 1996, 173, 119-124.	0.1	0
172	The K-Band Luminosity Function of Galaxies. Symposium - International Astronomical Union, 1998, 179, 278-280.	0.1	0
173	<title>Dual-conjugate adaptive optics</title>. , 2001, , .		0
174	Quantitative Study of Galaxy Morphology. Astrophysics and Space Science, 2003, 285, 73-77.	1.4	0
175	Design and construction of a multiple integral-field unit for 8-m telescopes. , 2003, 4842, 384.		0
176	VLT Spectroscopy of NGC 3115 Globular Clusters. , 0, , 121-124.		0
177	Forming Globular Cluster Systems in a Semi-Analytic Scheme. , 0, , 342-347.		0
178	Large-field reflective integral field systems for visible and infrared spectroscopy. , 2004, , .		0
179	Optical ground support equipment for the alignment of JWST-NIRSpec. , 2008, , .		0
180	Recent progress on the KMOS multi-object integral-field spectrograph for ESO VLT. , 2010, , .		0

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