Lodovico Coccato

List of Publications by Year in descending order

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		126907	110387
141	4,570	33	64
papers	citations	h-index	g-index
142	142	142	3424
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	OVERVIEW OF THE SDSS-IV MaNGA SURVEY: MAPPING NEARBY GALAXIES AT APACHE POINT OBSERVATORY. Astrophysical Journal, 2015, 798, 7.	4.5	1,119
2	The Data Analysis Pipeline for the SDSS-IV MaNGA IFU Galaxy Survey: Overview. Astronomical Journal, 2019, 158, 231.	4.7	209
3	Kinematic properties of early-type galaxy haloes using planetary nebulae. Monthly Notices of the Royal Astronomical Society, 2009, 394, 1249-1283.	4.4	178
4	A deep kinematic survey of planetary nebulae in the Andromeda galaxy using the Planetary Nebula Spectrograph. Monthly Notices of the Royal Astronomical Society, 2006, 369, 120-142.	4.4	133
5	GALAXIES IN X-RAY GROUPS. I. ROBUST MEMBERSHIP ASSIGNMENT AND THE IMPACT OF GROUP ENVIRONMENTS ON QUENCHING. Astrophysical Journal, 2011, 742, 125.	4.5	118
6	The Planetary Nebula Spectrograph elliptical galaxy survey: the dark matter in NGC 4494. Monthly Notices of the Royal Astronomical Society, 2009, 393, 329-353.	4.4	104
7	Dearth of dark matter or massive dark halo? Mass-shape-anisotropy degeneracies revealed by nmagic dynamical models of the elliptical galaxy NGC 3379. Monthly Notices of the Royal Astronomical Society, 2009, 395, 76-96.	4.4	95
8	The PN.S Elliptical Galaxy Survey: Data Reduction, Planetary Nebula Catalog, and Basic Dynamics for NGC 3379. Astrophysical Journal, 2007, 664, 257-276.	4.5	90
9	The PN.S Elliptical Galaxy Survey: a standard ĥCDM halo around NGC 4374?â~ Monthly Notices of the Royal Astronomical Society, 2011, 411, 2035-2053.	4.4	80
10	On the Relation between Circular Velocity and Central Velocity Dispersion in High and Low Surface Brightness Galaxies. Astrophysical Journal, 2005, 631, 785-791.	4.5	75
11	Distinct core and halo stellar populations and the formation history of the bright Coma cluster early-type galaxy NGC 4889. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 407, L26-L30.	3.3	75
12	P-MaNGA Galaxies: emission-lines properties – gas ionization and chemical abundances from prototype observations. Monthly Notices of the Royal Astronomical Society, 2015, 449, 867-900.	4.4	75
13	P-MaNGA: full spectral fitting and stellar population maps from prototype observations. Monthly Notices of the Royal Astronomical Society, 2015, 449, 328-360.	4.4	74
14	Fornax3D project: Overall goals, galaxy sample, MUSE data analysis, and initial results. Astronomy and Astrophysics, 2018, 616, A121.	5.1	71
15	Dating the formation of the counter-rotating stellar disc in the spiral galaxy NGC 5719 by disentangling its stellar populations. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 412, L113-L117.	3.3	64
16	UPPER LIMITS ON THE MASSES OF 105 SUPERMASSIVE BLACK HOLES FROM <i>HUBBLE SPACE TELESCOPE</i> /SPACE TELESCOPE IMAGING SPECTROGRAPH ARCHIVAL DATA. Astrophysical Journal, 2009, 692, 856-868.	4.5	60
17	The Fornax 3D project: Unveiling the thick disk origin in FCC 170; possible signs of accretion. Astronomy and Astrophysics, 2019, 623, A19.	5.1	58
18	Stellar populations of bulges in 14 cluster disc galaxies ^{â~} . Monthly Notices of the Royal Astronomical Society, 2008, 389, 341-363.	4.4	57

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19	THE HIGH-MASS END OF THE BLACK HOLE MASS FUNCTION: MASS ESTIMATES IN BRIGHTEST CLUSTER GALAXIES. Astrophysical Journal, 2009, 690, 537-559.	4.5	57
20	Planetary Nebula Spectrograph survey of S0 galaxy kinematics – II. Clues to the origins of S0 galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1010-1020.	4.4	55
21	A tale of two tails and an off-centered envelope: diffuse light around the cD galaxy NGCÂ3311 in the HydraÂlÂcluster. Astronomy and Astrophysics, 2012, 545, A37.	5.1	52
22	Evidence for the formation of the young counter-rotating stellar disk from gas acquired by IC 719. Astronomy and Astrophysics, 2018, 616, A22.	5.1	51
23	Elliptical galaxies with rapidly decreasing velocity dispersion profiles: nmagic models and dark halo parameter estimates for NGC 4494. Monthly Notices of the Royal Astronomical Society, 2013, 431, 3570-3588.	4.4	49
24	The Fornax3D project: Tracing the assembly history of the cluster from the kinematic and line-strength maps. Astronomy and Astrophysics, 2019, 627, A136.	5.1	49
25	Signatures of accretion events in the haloes of early-type galaxies from comparing PNe and GCs kinematics. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1322-1334.	4.4	47
26	The planetary nebula population in the halo of M 87. Astronomy and Astrophysics, 2013, 558, A42.	5.1	45
27	Minor-axis velocity gradients in spirals and the case of inner polar disks\$^{f,}\$. Astronomy and Astrophysics, 2003, 408, 873-885.	5.1	45
28	Stellar population and the origin of intra-cluster stars around brightest cluster galaxies: the case of NGC 3311. Astronomy and Astrophysics, 2011, 533, A138.	5.1	44
29	Spectroscopic evidence of distinct stellar populations in the counter-rotating stellar disks of NGCÂ3593 and NGCÂ4550. Astronomy and Astrophysics, 2013, 549, A3.	5.1	41
30	Metallicity gradients in local Universe galaxies: Time evolution and effects of radial migration. Astronomy and Astrophysics, 2016, 588, A91.	5.1	41
31	The extended Planetary Nebula Spectrograph (ePN.S) early-type galaxy survey: The kinematic diversity of stellar halos and the relation between halo transition scale and stellar mass. Astronomy and Astrophysics, 2018, 618, A94.	5.1	41
32	Testing the nature of S0 galaxies using planetary nebula kinematics in NGC 1023. Monthly Notices of the Royal Astronomical Society, 2008, 384, 943-952.	4.4	37
33	Unravelling the origins of S0 galaxies using maximum likelihood analysis of planetary nebulae kinematics. Monthly Notices of the Royal Astronomical Society, 2011, 414, 642-651.	4.4	37
34	Structure and dynamics of galaxies with a low surface-brightness disc - I. The stellar and ionized-gas kinematics. Monthly Notices of the Royal Astronomical Society, 2008, 387, 1099-1116.	4.4	34
35	The Planetary Nebula Spectrograph survey of SO galaxy kinematics. Astronomy and Astrophysics, 2013, 549, A115.	5.1	33
36	The Fornax 3D project: Thick disks in a cluster environment. Astronomy and Astrophysics, 2019, 625, A95.	5.1	33

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37	Structure and dynamics of galaxies with a low surface-brightness disc - II. Stellar populations of bulgesa˜ Monthly Notices of the Royal Astronomical Society, 2012, 423, 962-982.	4.4	32
38	Sloshing in its cD halo: MUSE kinematics of the central galaxy NGC 3311 in the Hydra I cluster. Astronomy and Astrophysics, 2018, 609, A78.	5.1	32
39	Counter-dispersed slitless-spectroscopy technique: planetary nebula velocities in the halo of NGCÂ1399. Astronomy and Astrophysics, 2010, 518, A44.	5.1	29
40	Resolving the disc–halo degeneracy – I: a look at NGC 628. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1909-1930.	4.4	29
41	The Fornax 3D project: Non-linear colour–metallicity relation of globular clusters. Astronomy and Astrophysics, 2020, 637, A27.	5.1	29
42	Diversity of nuclear star cluster formation mechanisms revealed by their star formation histories. Astronomy and Astrophysics, 2021, 650, A137.	5.1	29
43	Constraining nuclear star cluster formation using MUSE-AO observations of the early-type galaxy FCC 47. Astronomy and Astrophysics, 2019, 628, A92.	5.1	28
44	Fornax 3D project: a two-dimensional view of the stellar initial mass function in the massive lenticular galaxy FCC 167. Astronomy and Astrophysics, 2019, 626, A124.	5.1	27
45	Formation of S0s in extreme environments I: clues from kinematics and stellar populations. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2955-2972.	4.4	27
46	NGC 4435: a bulge-dominated galaxy with an unforeseen low-mass central black hole. Monthly Notices of the Royal Astronomical Society, 2006, 366, 1050-1066.	4.4	26
47	The Fornax Cluster VLT Spectroscopic Survey II – Planetary Nebulae kinematics within 200 kpc of the cluster core. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1880-1892.	4.4	26
48	Properties and formation mechanism of the stellar counter-rotating components in NGC 4191. Astronomy and Astrophysics, 2015, 581, A65.	5.1	26
49	Regrowth of stellar discs in mature galaxies: the two-component nature of NGC 7217 revisited with VIRUS-W. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2212-2229.	4.4	24
50	Three dynamically distinct stellar populations in the halo of M49. Astronomy and Astrophysics, 2018, 616, A123.	5.1	24
51	The Fornax 3D project: Globular clusters tracing kinematics and metallicities. Astronomy and Astrophysics, 2020, 637, A26.	5.1	24
52	Minor-axis velocity gradients in disk galaxies\$^{f,}\$. Astronomy and Astrophysics, 2004, 416, 507-514.	5.1	23
53	The difference in age of the two counter-rotating stellar disks of the spiral galaxy NGC 4138. Astronomy and Astrophysics, 2014, 570, A79.	5.1	22
54	The Fornax3D project: Assembly histories of lenticular galaxies from a combined dynamical and population orbital analysis. Astronomy and Astrophysics, 2021, 647, A145.	5.1	22

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55	The Hydra I cluster core. Astronomy and Astrophysics, 2018, 619, A70.	5.1	20
56	INSPIRE: INvestigating Stellar Population In RElics. Astronomy and Astrophysics, 2021, 646, A28.	5.1	20
57	The Hydra I cluster core. Astronomy and Astrophysics, 2016, 589, A139.	5.1	20
58	Radially extended kinematics in the SO galaxy NGC 2768 from planetary nebulae, globular clusters and starlight. Monthly Notices of the Royal Astronomical Society, 2012, 426, 975-982.	4.4	19
59	Study of the stellar population properties in the discs of ten spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1128-1139.	4.4	19
60	The dynamically hot stellar halo around NGCÂ3311: a small cluster-dominated central galaxy. Astronomy and Astrophysics, 2010, 520, L9.	5.1	18
61	Kinematics and line strength indices in the halos of the Coma brightest cluster galaxies NGC 4874 and NGC 4889. Astronomy and Astrophysics, 2010, 519, A95.	5.1	17
62	UNDERSTANDING THE UNIQUE ASSEMBLY HISTORY OF CENTRAL GROUP GALAXIES. Astrophysical Journal, 2014, 797, 62.	4.5	16
63	The properties of dwarf spheroidal galaxies in the Cen A group. Astronomy and Astrophysics, 2021, 645, A92.	5.1	16
64	A preserved high- <i>z</i> compact progenitor in the heart of NGC 3311 revealed with MUSE 2D stellar population analysis. Astronomy and Astrophysics, 2021, 649, A93.	5.1	16
65	Spectroscopic decomposition of NGC 3521: unveiling the properties of the bulge and disc. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1958-1969.	4.4	15
66	Formation of S0s in extreme environments II: The star-formation histories of bulges, discs, and lenses. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4193-4212.	4.4	15
67	Alone on a wide wide sea. The origin of SECCO 1, an isolated star-forming gas cloud in the Virgo cluster*â€â€¡. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4565-4583.	4.4	14
68	What does (not) drive the variation of the low-mass end of the stellar initial mass function of early-type galaxies. Astronomy and Astrophysics, 2021, 645, L1.	5.1	14
69	A very dark stellar system lost in Virgo: kinematics and metallicity of SECCO 1 with MUSE. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2189-2197.	4.4	13
70	The properties of the kinematically distinct components in NGC 448 and NGC 4365. Astronomy and Astrophysics, 2019, 623, A87.	5.1	13
71	The Fornax 3D project: dust mix and gas properties in the centre of early-type galaxy FCC 167. Astronomy and Astrophysics, 2019, 622, A89.	5.1	13
72	Fornax 3D project: Automated detection of planetary nebulae in the centres of early-type galaxies and first results. Astronomy and Astrophysics, 2020, 637, A62.	5.1	13

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73	On the accretion of a new group of galaxies on to Virgo: I. Internal kinematics of nine in-falling dEs. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1904-1924.	4.4	12
74	Fornax 3D project: Assessing the diversity of IMF and stellar population maps within the Fornax Cluster. Astronomy and Astrophysics, 2021, 654, A59.	5.1	12
75	Mapping the inner regions of the polar disk galaxy NGC 4650A with MUSE. Astronomy and Astrophysics, 2015, 583, A48.	5.1	11
76	Comparing the properties of the X-shaped bulges of NGC 4710 and the Milky Way with MUSE. Astronomy and Astrophysics, 2016, 591, A7.	5.1	11
77	Resolving the Disc–Halo Degeneracy – II: NGC 6946. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3579-3593.	4.4	11
78	The SLUGGS survey: chromodynamical modelling of the lenticular galaxy NGCÂ1023. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2611-2621.	4.4	10
79	Near-infrared spectroscopic indices for unresolved stellar populations. Astronomy and Astrophysics, 2019, 621, A60.	5.1	10
80	The Fornax3D project: Planetary nebulae catalogue and independent distance measurements to Fornax cluster galaxies. Astronomy and Astrophysics, 2021, 653, A167.	5.1	10
81	The halo of M 105 and its group environment as traced by planetary nebula populations. Astronomy and Astrophysics, 2020, 642, A46.	5.1	10
82	Spiral galaxies with a central plateau in the gas velocity curve along the major axis. Astronomy and Astrophysics, 2005, 440, 107-109.	5.1	10
83	The search for inner polar disks with integral field spectroscopy: the case of NGCÂ2855 and NGCÂ7049. Astronomy and Astrophysics, 2007, 465, 777-786.	5.1	10
84	Kinematic and stellar population properties of the counter-rotating components in the S0 galaxy NGC 1366. Astronomy and Astrophysics, 2017, 600, A76.	5.1	9
85	Mapping the Kinematically Decoupled Core in NGC 1407 with MUSE. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3215-3223.	4.4	9
86	MUSE library of stellar spectra. Astronomy and Astrophysics, 2019, 629, A100.	5.1	9
87	INSPIRE: INvestigating Stellar Population In RElics. Astronomy and Astrophysics, 2021, 654, A136.	5.1	9
88	VIMOS-VLT integral field kinematics of the giant low surface brightness galaxy ESO 323-G064. Astronomy and Astrophysics, 2008, 490, 589-600.	5.1	8
89	Spectral decomposition of the stellar kinematics in the polar disk galaxy NGC 4650A. Astronomy and Astrophysics, 2014, 569, A83.	5.1	8
90	Recovering the origins of the lenticular galaxy NGC 3115 using multiband imaging. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2146-2167.	4.4	8

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91	BUDDI-MaNGA II: the star-formation histories of bulges and discs of S0s. Monthly Notices of the Royal Astronomical Society, 2022, 514, 6141-6156.	4.4	8
92	VIMOS mosaic integral-field spectroscopy of the bulge and disc of the early-type galaxy NGC 4697. Monthly Notices of the Royal Astronomical Society, 2015, 452, 99-114.	4.4	7
93	Nuclear discs as clocks for the assembly history of early-type galaxies: the case of NGC 4458. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1804-1812.	4.4	7
94	Chromodynamical analysis of lenticular galaxies using globular clusters and planetary nebulae. Monthly Notices of the Royal Astronomical Society, 2018, 479, 5124-5135.	4.4	7
95	MUSE observations of the counter-rotating nuclear ring in NGC 7742. Astronomy and Astrophysics, 2018, 612, A66.	5.1	7
96	Detectability of large-scale counter-rotating stellar disks in galaxies with integral-field spectroscopy. Astronomy and Astrophysics, 2021, 654, A30.	5.1	7
97	The Fornax3D project: The environmental impact on gas metallicity gradients in Fornax cluster galaxies. Astronomy and Astrophysics, 2022, 660, A105.	5.1	7
98	Stellar populations of the bulges of four spiral galaxies. Astronomische Nachrichten, 2015, 336, 208-219.	1.2	6
99	The orbital structure of the massive elliptical galaxy NGC 5846. Astronomische Nachrichten, 2008, 329, 940-943.	1.2	5
100	The Infrared Telescope Facility (IRTF) spectral library. Astronomy and Astrophysics, 2020, 641, A44.	5.1	5
101	Formation of S0s in extreme environments III: the role of environment in the formation pathways. Monthly Notices of the Royal Astronomical Society, 2022, 515, 201-212.	4.4	5
102	The Fornax3D project: intrinsic correlations between orbital properties and the stellar initial mass function. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3660-3669.	4.4	4
103	A slow lopsided bar in the interacting dwarf galaxy ICÂ3167. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 516, L24-L29.	3.3	4
104	Removal of systematics in photometric measurements: static and rotating illumination corrections in FORS2@VLT data. Monthly Notices of the Royal Astronomical Society, 2013, 438, 1256-1266.	4.4	3
105	The Fornax 3D project: PNe populations and stellar metallicity in edge-on galaxies. Astronomy and Astrophysics, 2021, 652, A109.	5.1	3
106	Probing the kinematics of earlyâ€ŧype galaxy halos using planetary nebulae. Astronomische Nachrichten, 2008, 329, 912-915.	1.2	2
107	A 3D view of the Hydra I galaxy cluster core - I. Kinematic substructures. Proceedings of the International Astronomical Union, 2014, 10, 221-222.	0.0	2
108	Central DM density cuspiness in LSB's: a stellar kinematics approach. Symposium - International Astronomical Union, 2004, 220, 337-338.	0.1	1

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109	Supermassive black holes in BCGs. Proceedings of the International Astronomical Union, 2006, 2, 355-356.	0.0	1
110	Dark-Matter Content of Early-Type Galaxies with Planetary Nebulae. Proceedings of the International Astronomical Union, 2007, 3, 289-294.	0.0	1
111	Planetary nebulae as kinematic tracers of galaxy halos. Proceedings of the International Astronomical Union, 2015, 11, 20-25.	0.0	1
112	Near-infrared spectroscopic indices for unresolved stellar populations – II. Index measurements. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4669-4683.	4.4	1
113	Supermassive black holes in spiral galaxies: HST/STIS observations for three new objects. Proceedings of the International Astronomical Union, 2004, 2004, 85-86.	0.0	0
114	The \$V_{m circ}\$-\$sigma_{m c}\$ relation in high and low surface brightness galaxies. Proceedings of the International Astronomical Union, 2004, 2004, 197-198.	0.0	0
115	The Relation Between Bulge Velocity Dispersion and Disk Circular Velocity in Galaxies. , 0, , 442-443.		0
116	Super Massive Black Holes in Disk Galaxies: HST/STIS Observations for 3 new Objects. , 0, , 179-180.		0
117	Upper limits on the mass of supermassive black holes from HST/STIS archival data. Proceedings of the International Astronomical Union, 2006, 2, 349-350.	0.0	0
118	Stellar population in bulge of spiral galaxies. Proceedings of the International Astronomical Union, 2006, 2, .	0.0	0
119	Constraining the internal dynamics of stellar systems using the NMAGIC particle code. Proceedings of the International Astronomical Union, 2007, 3, 27-30.	0.0	0
120	Upper limits on the mass of supermassive black holes from STIS archival data. Proceedings of the International Astronomical Union, 2007, 3, 233-234.	0.0	0
121	Stellar population in bulge of spiral galaxies. Proceedings of the International Astronomical Union, 2007, 3, 313-314.	0.0	0
122	Stellar populations of disc galaxies: from the center of the bulge to the edge of the disc. Proceedings of the International Astronomical Union, 2009, 5, 398-399.	0.0	0
123	Limits on the Masses of Supermassive Black Holes in 105 Nearby Galaxies. Proceedings of the International Astronomical Union, 2009, 5, 200-200.	0.0	0
124	JD1-The Planetary Nebulae and the Dynamics of NGC 1399. Proceedings of the International Astronomical Union, 2009, 5, 66-66.	0.0	0
125	Kinematic properties of early type galaxy halos using planetary nebulae. Proceedings of the International Astronomical Union, 2009, 5, 68-68.	0.0	0
126	The outer haloes of massive, elliptical galaxies. Proceedings of the International Astronomical Union, 2009, 5, 92-92.	0.0	0

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127	Revealing S0 Galaxies' Formation Histories Using the Stellar Kinematics of the Faint Outer Disks. , 2010, , .		0
128	Stellar populations of bulges in galaxies with a low surface-brightness disc. Proceedings of the International Astronomical Union, 2012, 10, 340-340.	0.0	0
129	Disentangling the stellar populations of the counter-rotating stellar disc in NGC 5719. Proceedings of the International Astronomical Union, 2014, 10, 331-331.	0.0	0
130	Regrowth of stellar disks in mature galaxies: The two component nature of NGC 7217 revisited with VIRUS-W. Proceedings of the International Astronomical Union, 2014, 10, 81-84.	0.0	0
131	Counter-rotating disks in galaxies: dissecting kinematics and stellar populations with 3D spectroscopy. Proceedings of the International Astronomical Union, 2014, 10, 133-136.	0.0	0
132	A 3D view of the Hydra I cluster core- II. Stellar populations. Proceedings of the International Astronomical Union, 2014, 10, 223-224.	0.0	0
133	Planetary nebulae as kinematic tracers of galaxy halos. Proceedings of the International Astronomical Union, 2015, 11, .	0.0	0
134	Planetary nebulae as kinematic tracers of galaxy stellar halos. Proceedings of the International Astronomical Union, 2016, 12, 271-278.	0.0	0
135	PHOENIX: the production line for science data products at ESO. , 2016, , .		0
136	Resolving the Disk-Halo Degeneracy using Planetary Nebulae. Proceedings of the International Astronomical Union, 2016, 12, 284-287.	0.0	0
137	Resolving the Disk-Halo Degeneracy: A look at M74. Proceedings of the International Astronomical Union, 2016, 11, 267-267.	0.0	0
138	Mass Estimations of Supermassive Black Holes in Brightest Cluster Galaxies. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 255-257.	0.3	0
139	The co-responsibility of mass and environment in the formation of lenticular galaxies. Proceedings of the International Astronomical Union, 2019, 15, 173-174.	0.0	0
140	INTEGRAL FIELD SPECTROSCOPY OF NGC2855 AND NGC7049. , 2007, , 121-124.		0
141	Gas Minor-Axis Velocity Gradients in Early-Type Spiral Galaxies. , 0, , 211-212.		0