Andrea Merloni

List of Publications by Year in descending order

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16451 14759 18,145 131 64 127 citations h-index g-index papers 134 134 134 11176 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A13.	5.1	14
2	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A15.	5.1	17
3	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A2.	5.1	54
4	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A16.	5.1	8
5	Studying the merging cluster Abell 3266 with eROSITA. Astronomy and Astrophysics, 2022, 661, A36.	5.1	18
6	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A7.	5.1	24
7	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A14.	5.1	8
8	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A3.	5.1	50
9	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A5.	5.1	41
10	The complex time and energy evolution of quasi-periodic eruptions in eRO-QPE1. Astronomy and Astrophysics, 2022, 662, A49.	5.1	14
11	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A4.	5.1	23
12	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A12.	5.1	21
13	The eROSITA Final Equatorial Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A1.	5.1	144
14	X-ray detection of a nova in the fireball phase. Nature, 2022, 605, 248-250.	27.8	21
15	The Time Domain Spectroscopic Survey: Changing-look Quasar Candidates from Multi-epoch Spectroscopy in SDSS-IV. Astrophysical Journal, 2022, 933, 180.	4.5	19
16	First constraints on the AGN X-ray luminosity function at $\langle i \rangle z \langle i \rangle \sim 6$ from an eROSITA-detected quasar. Astronomy and Astrophysics, 2021, 647, A5.	5.1	26
17	The eROSITA X-ray telescope on SRG. Astronomy and Astrophysics, 2021, 647, A1.	5.1	426
18	The Abell 3391/95 galaxy cluster system. Astronomy and Astrophysics, 2021, 647, A2.	5.1	43

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19	AT 2019avd: a novel addition to the diverse population of nuclear transients. Astronomy and Astrophysics, 2021, 647, A9.	5.1	21
20	Discovery of a supercluster in the eROSITA Final Equatorial Depth Survey: X-ray properties, radio halo, and double relics. Astronomy and Astrophysics, 2021, 647, A4.	5.1	24
21	Hoinga: a supernova remnant discovered in the SRG/eROSITA All-Sky Survey eRASS1. Astronomy and Astrophysics, 2021, 648, A30.	5.1	15
22	X-ray quasi-periodic eruptions from two previously quiescent galaxies. Nature, 2021, 592, 704-707.	27.8	82
23	SRG X-ray orbital observatory. Astronomy and Astrophysics, 2021, 656, A132.	5.1	134
24	Detection of large-scale X-ray bubbles in the Milky Way halo. Nature, 2020, 588, 227-231.	27.8	122
25	eROSITA's X-ray eyes on the Universe. Nature Astronomy, 2020, 4, 634-636.	10.1	23
26	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. Astrophysical Journal, Supplement Series, 2020, 249, 3.	7.7	826
27	Do stellar-mass and super-massive black holes have similar dining habits?. Astronomy and Astrophysics, 2020, 638, A100.	5.1	8
28	Full-sky photon simulation of clusters and active galactic nuclei in the soft X-rays for eROSITA. The Open Journal of Astrophysics, 2020, 3, .	2.8	26
29	The Sloan Digital Sky Survey Reverberation Mapping Project: Accretion and Broad Emission Line Physics from a Hypervariable Quasar. Astrophysical Journal, 2019, 885, 44.	4.5	32
30	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. Astrophysical Journal, Supplement Series, 2019, 240, 23.	7.7	299
31	The LOFAR Two-metre Sky Survey. Astronomy and Astrophysics, 2019, 622, A1.	5.1	369
32	Testing the disk-corona interplay in radiatively-efficient broad-line AGN. Astronomy and Astrophysics, 2019, 628, A135.	5.1	26
33	Finding counterparts for all-sky X-ray surveys with Nway: a Bayesian algorithm for cross-matching multiple catalogues. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4937-4955.	4.4	108
34	Forecasts on dark energy from the X-ray cluster survey with eROSITA: constraints from counts and clustering. Monthly Notices of the Royal Astronomical Society, 2018, 481, 613-626.	4.4	39
35	Synthetic simulations of the extragalactic sky seen by eROSITA. Astronomy and Astrophysics, 2018, 617, A92.	5.1	31
36	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. Astrophysical Journal, Supplement Series, 2018, 235, 42.	7.7	796

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37	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. Astrophysical Journal, Supplement Series, 2017, 233, 25.	7.7	406
38	AGN Populations in Large-volume X-Ray Surveys: Photometric Redshifts and Population Types Found in the Stripe 82X Survey. Astrophysical Journal, 2017, 850, 66.	4.5	50
39	A powerful flare from SgrÂA* confirms the synchrotron nature of the X-ray emission. Monthly Notices of the Royal Astronomical Society, 2017, 468, 2447-2468.	4.4	85
40	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	4.7	1,100
41	Observational constraints on the specific accretion-rate distribution of X-ray-selected AGNs. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1976-2001.	4.4	59
42	The Sloan Digital Sky Survey Quasar Catalog: Twelfth data release. Astronomy and Astrophysics, 2017, 597, A79.	5.1	337
43	SPIDERS: selection of spectroscopic targets using AGN candidates detected in all-sky X-ray surveys. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1065-1095.	4.4	38
44	AGN spectral states from simultaneous UV and X-ray observations by <i>XMM-Newton </i> . Astronomy and Astrophysics, 2017, 603, A127.	5.1	20
45	SPIDERS: the spectroscopic follow-up of X-ray-selected clusters of galaxies in SDSS-IV. Monthly Notices of the Royal Astronomical Society, 2016, 463, 4490-4515.	4.4	47
46	TOWARD AN UNDERSTANDING OF CHANGING-LOOK QUASARS: AN ARCHIVAL SPECTROSCOPIC SEARCH IN SDSS. Astrophysical Journal, 2016, 826, 188.	4.5	106
47	A spectroscopic survey of X-ray-selected AGNs in the northern XMM-XXL field. Monthly Notices of the Royal Astronomical Society, 2016, 457, 110-132.	4.4	81
48	X-ray spectral properties of the AGN sample in the northern XMM-XXL field. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1602-1625.	4.4	71
49	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: OVERVIEW AND EARLY DATA. Astronomical Journal, 2016, 151, 44.	4.7	582
50	Now you see it, now you don't: the disappearing central engine of the quasar J1011+5442. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1691-1701.	4.4	131
51	Observing Supermassive Black Holes Across Cosmic Time: From Phenomenology to Physics. Lecture Notes in Physics, 2016, , 101-143.	0.7	16
52	A tidal disruption flare in a massive galaxy? Implications for the fuelling mechanisms of nuclear black holes. Monthly Notices of the Royal Astronomical Society, 2015, 452, 69-87.	4.4	111
53	Linking the fate of massive black hole binaries to the active galactic nuclei luminosity function. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3603-3607.	4.4	28
54	The cosmic growth of the active black hole population at 1 <2 <2 in zCOSMOS, VVDS and SDSS. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2085-2111.	4.4	74

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55	BLOWIN' IN THE WIND: BOTH "NEGATIVE―AND "POSITIVE―FEEDBACK IN AN OBSCURED HIGH- <i>z</i> QUASAR. Astrophysical Journal, 2015, 799, 82.	4.5	175
56	DETAILED SHAPE AND EVOLUTIONARY BEHAVIOR OF THE X-RAY LUMINOSITY FUNCTION OF ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2015, 804, 104.	4.5	86
57	The X-ray luminosity function of active galactic nuclei in the redshift interval <i>z</i> =3-5. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1946-1964.	4.4	74
58	Fifteen years of <i>XMM–Newton</i> and <i>Chandra</i> monitoring of Sgr A ^{â~} : evidence for a recent increase in the bright flaring rate. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1525-1544.	4.4	71
59	X-shooter reveals powerful outflows in z $\hat{a}^{1/4}$ 1.5 X-ray selected obscured quasi-stellar objects. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2394-2417.	4.4	128
60	OBSCURATION-DEPENDENT EVOLUTION OF ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2015, 802, 89.	4.5	214
61	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2015, 219, 12.	7.7	1,877
62	THE SLOAN DIGITAL SKY SURVEY REVERBERATION MAPPING PROJECT: NO EVIDENCE FOR EVOLUTION IN THE \$\{\{\mathbb{M}_{\}\}\}\\$ RELATION TO \$zsim 1\\$. Astrophysical Journal, 2015, 805, 96.	4.5	88
63	X-ray spectral modelling of the AGN obscuring region in the CDFS: Bayesian model selection and catalogue. Astronomy and Astrophysics, 2014, 564, A125.	5.1	963
64	The MBH-M* relation for X-ray-obscured, red QSOs at 1.2Â<ÂzÂ<Â2.6. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2077-2091.	4.4	68
65	ACTIVE GALACTIC NUCLEUS X-RAY VARIABILITY IN THE <i>XMM</i> -COSMOS SURVEY. Astrophysical Journal, 2014, 781, 105.	4.5	51
66	The incidence of obscuration in active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3550-3567.	4.4	245
67	Observational Appearance of Black Holes in X-Ray Binaries and AGN. Space Science Reviews, 2014, 183, 121-148.	8.1	22
68	Observational Appearance of Black Holes in X-Ray Binaries and AGN. Space Sciences Series of ISSI, 2014, , 121-148.	0.0	1
69	Spectral energy distributions of type 1 AGN in XMM-COSMOS $\hat{a} \in \mathbb{C}$ II. Shape evolution. Monthly Notices of the Royal Astronomical Society, 2013, 438, 1288-1304.	4.4	29
70	A quasar–galaxy mixing diagram: quasar spectral energy distribution shapes in the optical to near-infrared. Monthly Notices of the Royal Astronomical Society, 2013, 434, 3104-3121.	4.4	23
71	The Chandra-COSMOS survey – IV. X-ray spectra of the bright sample. Monthly Notices of the Royal Astronomical Society, 2013, 431, 978-996.	4.4	55
72	THE EVOLUTION OF ACTIVE GALACTIC NUCLEI AND THEIR SPINS. Astrophysical Journal, 2013, 775, 94.	4.5	112

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73	The mean star-forming properties of QSO host galaxies. Astronomy and Astrophysics, 2013, 560, A72.	5.1	99
74	Evolution of Active Galactic Nuclei. , 2013, , 503-566.		29
75	Mass Functions of Supermassive Black Holes across Cosmic Time. Advances in Astronomy, 2012, 2012, 1-21.	1.1	50
76	Exploring Regimes in Black Hole Scaling. Proceedings of the International Astronomical Union, 2012, 8, 29-36.	0.0	1
77	SPECTRAL ENERGY DISTRIBUTIONS OF TYPE 1 ACTIVE GALACTIC NUCLEI IN THE COSMOS SURVEY. I. THE </td <td>4.5</td> <td>67</td>	4.5	67
78	Accreting supermassive black holes in the COSMOS field and the connection to their host galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 427, 3103-3133.	4.4	202
79	FeÂK emission from active galaxies in the COSMOS field. Astronomy and Astrophysics, 2012, 537, A86.	5.1	35
80	Bolometric luminosities and Eddington ratios of X-ray selected active galactic nuclei in the <i>XMM </i> -COSMOS survey. Monthly Notices of the Royal Astronomical Society, 2012, 425, 623-640.	4.4	315
81	The bolometric output and host-galaxy properties of obscured AGN in the XMM-COSMOS survey. Astronomy and Astrophysics, 2011, 534, A110.	5.1	54
82	Black hole accretion and host galaxies of obscured quasars in XMM-COSMOS. Astronomy and Astrophysics, 2011, 535, A80.	5.1	76
83	THREE-YEAR <i>SWIFT</i> -BAT SURVEY OF ACTIVE GALACTIC NUCLEI: RECONCILING THEORY AND OBSERVATIONS?. Astrophysical Journal, 2011, 728, 58.	4.5	275
84	THE <i>XMM-NEWTON </i> WIDE FIELD SURVEY IN THE COSMOS FIELD: REDSHIFT EVOLUTION OF AGN BIAS AND SUBDOMINANT ROLE OF MERGERS IN TRIGGERING MODERATE-LUMINOSITY AGNs AT REDSHIFTS UP TO 2.2. Astrophysical Journal, 2011, 736, 99.	4.5	118
85	SECULAR EVOLUTION AND A NON-EVOLVING BLACK-HOLE-TO-GALAXY MASS RATIO IN THE LAST 7 Gyr. Astrophysical Journal Letters, 2011, 741, L11.	8.3	100
86	ACCRETION RATE AND THE PHYSICAL NATURE OF UNOBSCURED ACTIVE GALAXIES. Astrophysical Journal, 2011, 733, 60.	4.5	116
87	A global study of the behaviour of black hole X-ray binary discs. Monthly Notices of the Royal Astronomical Society, 2011, 411, 337-348.	4.4	48
88	Testing black hole jet scaling relations in low-luminosity active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2910-2919.	4.4	38
89	ON THE COSMIC EVOLUTION OF THE SCALING RELATIONS BETWEEN BLACK HOLES AND THEIR HOST GALAXIES: BROAD-LINE ACTIVE GALACTIC NUCLEI IN THE zCOSMOS SURVEY. Astrophysical Journal, 2010, 708, 137-157.	4.5	276
90	The X-ray to optical-UV luminosity ratio of X-ray selected type 1 AGN in XMM-COSMOS. Astronomy and Astrophysics, 2010, 512, A34.	5.1	306

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91	THE <i>XMM-NEWTON</i> WIDE-FIELD SURVEY IN THE COSMOS FIELD (XMM-COSMOS): DEMOGRAPHY AND MULTIWAVELENGTH PROPERTIES OF OBSCURED AND UNOBSCURED LUMINOUS ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2010, 716, 348-369.	4.5	266
92	The [O iii] emission line luminosity function of optically selected type-2 AGN from zCOSMOS\$^{m,}\$. Astronomy and Astrophysics, 2010, 510, A56.	5.1	55
93	The building up of the black hole-stellar mass relation. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	19
94	HIGH-REDSHIFT QUASARS IN THE COSMOS SURVEY: THE SPACE DENSITY OF (i>z> 3 X-RAY SELECTED QSOs. Astrophysical Journal, 2009, 693, 8-22.	4.5	88
95	OBSERVATIONAL LIMITS ON TYPE 1 ACTIVE GALACTIC NUCLEUS ACCRETION RATE IN COSMOS. Astrophysical Journal, 2009, 700, 49-55.	4.5	54
96	ONGOING AND CO-EVOLVING STAR FORMATION IN zCOSMOS GALAXIES HOSTING ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2009, 696, 396-410.	4.5	197
97	MASSIVE GALAXIES IN COSMOS: EVOLUTION OF BLACK HOLE VERSUS BULGE MASS BUT NOT VERSUS TOTAL STELLAR MASS OVER THE LAST 9 Gyr?. Astrophysical Journal, 2009, 706, L215-L220.	4.5	161
98	COSMIC EVOLUTION OF RADIO SELECTED ACTIVE GALACTIC NUCLEI IN THE COSMOS FIELD. Astrophysical Journal, 2009, 696, 24-39.	4.5	119
99	CHASING HIGHLY OBSCURED QSOs IN THE COSMOS FIELD. Astrophysical Journal, 2009, 693, 447-462.	4.5	191
100	Black hole growth and starburst activity at <i>z</i> $=$ 0.6â \in "4 in the Chandra Deep Field South. Astronomy and Astrophysics, 2009, 507, 1277-1289.	5.1	86
101	A synthesis model for AGN evolution: supermassive black holes growth and feedback modes. Monthly Notices of the Royal Astronomical Society, 2008, , ???-???.	4.4	137
102	The Kinetic Luminosity Function and the Jet Production Efficiency of Growing Black Holes. Astrophysical Journal, 2007, 658, L9-L12.	4.5	41
103	Measuring the kinetic power of active galactic nuclei in the radio mode. Monthly Notices of the Royal Astronomical Society, 2007, 381, 589-601.	4.4	171
104	The Parallel Lives of Supermassive Black Holes and~their Host Galaxies., 2007,, 158-162.		5
105	Cosmological evolution of the AGN kinetic luminosity function. Proceedings of the International Astronomical Union, 2006, 2, 65-70.	0.0	0
106	A radio-emitting outflow in the quiescent state of A0620â^'00: implications for modelling low-luminosity black hole binaries. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1351-1360.	4.4	192
107	On the X-ray spectra of luminous, inhomogeneous accretion flows. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1699-1712.	4.4	36
108	On the limit-cycle instability in magnetized accretion discs. Monthly Notices of the Royal Astronomical Society, 2006, 372, 728-734.	4.4	31

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109	Why the fundamental plane of black hole activity is not simply a distance driven artifact. New Astronomy, 2006, 11, 567-576.	1.8	45
110	A Fundamental Plane of Black Hole Activity: Pushing Forward the Unification Scheme. Astrophysics and Space Science, 2005, 300, 45-53.	1.4	10
111	Jet-Disc Coupling in the Accreting Black Hole Xte J1118+480. Astrophysics and Space Science, 2005, 300, 31-38.	1.4	1
112	On the Relationship Between the Jets from X-Ray Binaries and Agn. Astrophysics and Space Science, 2005, 300, 15-21.	1.4	5
113	Jet-disc coupling through a common energy reservoir in the black hole XTE J1118+480. Monthly Notices of the Royal Astronomical Society, 2004, 351, 253-264.	4.4	113
114	The anti-hierarchical growth of supermassive black holes. Monthly Notices of the Royal Astronomical Society, 2004, 353, 1035-1047.	4.4	143
115	Tracing the cosmological assembly of stars and supermassive black holes in galaxies. Monthly Notices of the Royal Astronomical Society, 2004, 354, L37-L42.	4.4	116
116	Constraints on relativistic beaming from estimators of the unbeamed flux. Monthly Notices of the Royal Astronomical Society, 2004, 355, L1-L5.	4.4	44
117	A Fundamental Plane of black hole activity. Monthly Notices of the Royal Astronomical Society, 2003, 345, 1057-1076.	4.4	977
118	Beyond the standard accretion disc model: coupled magnetic disc-corona solutions with a physically motivated viscosity law. Monthly Notices of the Royal Astronomical Society, 2003, 341, 1051-1056.	4.4	72
119	Coronal outflow dominated accretion discs: a new possibility for low-luminosity black holes?. Monthly Notices of the Royal Astronomical Society, 2002, 332, 165-175.	4.4	156
120	How the X-ray spectrum of a narrow-line Seyfert 1 galaxy may be reflection-dominated. Monthly Notices of the Royal Astronomical Society, 2002, 331, L35-L39.	4.4	127
121	Energy outflows in \hat{I}^3 -ray bursts: discontinuous versus continuous?. AIP Conference Proceedings, 2001, , .	0.4	0
122	Accretion disc coronae as magnetic reservoirs. Monthly Notices of the Royal Astronomical Society, 2001, 321, 549-552.	4.4	103
123	Quiescent times in gamma-ray bursts – I. An observed correlation between the durations of subsequent emission episodes. Monthly Notices of the Royal Astronomical Society, 2001, 320, L25-L29.	4.4	57
124	Quiescent times in gamma-ray bursts - II. Dormant periods in the central engine?. Monthly Notices of the Royal Astronomical Society, 2001, 324, 1147-1158.	4.4	60
125	The effects of a Comptonizing corona on the appearance of the reflection components in accreting black hole spectra. Monthly Notices of the Royal Astronomical Society, 2001, 328, 501-510.	4.4	49
126	Thunderclouds and accretion discs: a model for the spectral and temporal variability of Seyfert 1 galaxies. Monthly Notices of the Royal Astronomical Society, 2001, 328, 958-968.	4.4	86

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127	On the interpretation of the multicolour disc model for black hole candidates. Monthly Notices of the Royal Astronomical Society, 2000, 313, 193-197.	4.4	213
128	Magnetic flares and the optical variability of the X-ray transient XTE J1118+480. Monthly Notices of the Royal Astronomical Society, 2000, 318, L15-L19.	4.4	52
129	Geometric interpretation of the Frenet-Serret frame description of circular orbits in stationary axisymmetric spacetimes. Classical and Quantum Gravity, 1999, 16, 1333-1348.	4.0	19
130	On gravitomagnetic precession around black holes. Monthly Notices of the Royal Astronomical Society, 1999, 304, 155-159.	4.4	63
131	RELATIVISTIC IONIZATION BY COMPRESSION OF ATOMS AND IONS: A PROPEDEUTICAL STUDY FOR DEGENERATE STELLAR STRUCTURES. International Journal of Modern Physics D, 1996, 05, 507-518.	2.1	4