

Antonio Maggio

List of Publications by Year in descending order

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122
papers

4,536
citations

101543

36
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114465

63
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127
all docs

127
docs citations

127
times ranked

3527
citing authors

#	ARTICLE	IF	CITATIONS
1	The stellar activity-rotation relationship revisited: Dependence of saturated and non-saturated X-ray emission regimes on stellar mass for late-type dwarfs. <i>Astronomy and Astrophysics</i> , 2003, 397, 147-157.	5.1	614
2	A chemical survey of exoplanets with ARIEL. <i>Experimental Astronomy</i> , 2018, 46, 135-209.	3.7	249
3	The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 602, A107.	5.1	185
4	A Method Based on Wavelet Transforms for Source Detection in Photonâ€counting Detector Images. I. Theory and General Properties. <i>Astrophysical Journal</i> , 1997, 483, 350-369.	4.5	170
5	XIPE: the X-ray imaging polarimetry explorer. <i>Experimental Astronomy</i> , 2013, 36, 523-567.	3.7	103
6	The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2013, 554, A28.	5.1	103
7	The XMM-Newton view of stellar coronae: X-ray spectroscopy of the corona of AB Doradus. <i>Astronomy and Astrophysics</i> , 2001, 365, L336-L343.	5.1	101
8	Five carbon- and nitrogen-bearing species in a hot giant planetâ€™s atmosphere. <i>Nature</i> , 2021, 592, 205-208.	27.8	99
9	EChO. <i>Experimental Astronomy</i> , 2012, 34, 311-353.	3.7	98
10	Magnetic field, differential rotation and activity of the hot-Jupiter-hosting star HD 179949. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 1006-1017.	4.4	89
11	Neutral Iron Emission Lines from the Dayside of KELT-9b: The GAPS Program with HARPS-N at TNG XX. <i>Astrophysical Journal Letters</i> , 2020, 894, L27.	8.3	84
12	A Method Based on Wavelet Transforms for Source Detection in Photonâ€counting Detector Images. II. Application to ROSAT PSPC Images. <i>Astrophysical Journal</i> , 1997, 483, 370-389.	4.5	81
13	On Stellar Coronae and Solar Active Regions. <i>Astrophysical Journal</i> , 2000, 545, 1074-1083.	4.5	79
14	X-ray emission from MP Muscae: an old classical T Tauri star. <i>Astronomy and Astrophysics</i> , 2007, 465, L5-L8.	5.1	78
15	Einstein Observatory survey of X-ray emission from solar-type stars - The late F and G dwarf stars. <i>Astrophysical Journal</i> , 1987, 315, 687.	4.5	77
16	The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2016, 588, A118.	5.1	76
17	FUV VARIABILITY OF HD 189733. IS THE STAR ACCRETING MATERIAL FROM ITS HOT JUPITER?. <i>Astrophysical Journal</i> , 2015, 805, 52.	4.5	75
18	Three years in the coronal life of AB Dor. <i>Astronomy and Astrophysics</i> , 2003, 408, 1087-1102.	5.1	71

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19	The close classical T Tauri binary V4046 Sgr: complex magnetic fields and distributed mass accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 1747-1759.	4.4	63
20	X-ray emitting MHD accretion shocks in classical T Tauri stars. <i>Astronomy and Astrophysics</i> , 2010, 510, A71.	5.1	62
21	Stellar parameters of early-M dwarfs from ratios of spectral features at optical wavelengths. <i>Astronomy and Astrophysics</i> , 2015, 577, A132.	5.1	60
22	COORDINATED X-RAY AND OPTICAL OBSERVATIONS OF STAR-PLANET INTERACTION IN HD 17156. <i>Astrophysical Journal Letters</i> , 2015, 811, L2.	8.3	58
23	Einstein Observatory magnitude-limited X-ray survey of late-type giant and supergiant stars. <i>Astrophysical Journal</i> , 1990, 348, 253.	4.5	56
24	Multiwavelength diagnostics of accretion in an X-ray selected sample of CTTSs. <i>Astronomy and Astrophysics</i> , 2011, 526, A104.	5.1	53
25	X-ray emission from dense plasma in classical T Tauri stars: hydrodynamic modeling of the accretion shock. <i>Astronomy and Astrophysics</i> , 2008, 491, L17-L20.	5.1	53
26	The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2015, 578, A64.	5.1	52
27	On the observability of T Tauri accretion shocks in the X-ray band. <i>Astronomy and Astrophysics</i> , 2010, 522, A55.	5.1	52
28	HADES RV programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2018, 612, A89.	5.1	51
29	Coronal Abundances in Orion Nebula Cluster Stars. <i>Astrophysical Journal</i> , 2007, 660, 1462-1479.	4.5	49
30	The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2018, 613, A41.	5.1	49
31	The GAPS programme at TNG. <i>Astronomy and Astrophysics</i> , 2020, 639, A49.	5.1	47
32	The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2014, 564, L13.	5.1	45
33	The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2019, 631, A34.	5.1	44
34	The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2015, 579, A136.	5.1	43
35	The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 601, A53.	5.1	41
36	Rapid contraction of giant planets orbiting the 20-million-year-old star V1298 Tau. <i>Nature Astronomy</i> , 2022, 6, 232-240.	10.1	40

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37	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2020, 638, A5.	5.1	35
38	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 598, A26.	5.1	34
39	A coordinated optical and X-ray spectroscopic campaign on HD 179949: searching for planet-induced chromospheric and coronal activity. <i>Astronomy and Astrophysics</i> , 2013, 552, A7.	5.1	33
40	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 598, A27.	5.1	32
41	HADES RV programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2020, 644, A68.	5.1	32
42	THE CLOSE T TAURI BINARY SYSTEM V4046 Sgr: ROTATIONALLY MODULATED X-RAY EMISSION FROM ACCRETION SHOCKS. <i>Astrophysical Journal</i> , 2012, 752, 100.	4.5	31
43	The EChO science case. <i>Experimental Astronomy</i> , 2015, 40, 329-391.	3.7	31
44	Coronal properties of G-type stars in different evolutionary phases. <i>Astronomy and Astrophysics</i> , 2005, 432, 671-685.	5.1	31
45	Constraints on the mass and on the atmospheric composition and evolution of the low-density young planet DS Tucanae A b. <i>Astronomy and Astrophysics</i> , 2021, 650, A66.	5.1	30
46	The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2013, 554, A29.	5.1	29
47	Eyes on K2-3: A system of three likely sub-Neptunes characterized with HARPS-N and HARPS. <i>Astronomy and Astrophysics</i> , 2018, 615, A69.	5.1	29
48	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 598, A28.	5.1	28
49	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 605, A92.	5.1	27
50	XMM-Newton spectroscopy of the metal depleted T Tauri star TWA 5. <i>Astronomy and Astrophysics</i> , 2005, 439, 1149-1158.	5.1	27
51	High-Resolution X-Ray Spectroscopy of the Post-T Tauri Star PZ Telescopii. <i>Astrophysical Journal</i> , 2004, 609, 925-934.	4.5	26
52	The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2014, 567, L6.	5.1	26
53	On coronal structures and their variability in active stars: The case of Capella observed with Chandra/LETGS. <i>Astronomy and Astrophysics</i> , 2003, 404, 1033-1049.	5.1	26
54	Shock-cloud interaction in the Vela SNR observed with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2005, 442, 513-525.	5.1	26

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55	GSC 07396-00759 = V4046 Sgr C[D]: A WIDE-SEPARATION COMPANION TO THE CLOSE T TAURI BINARY SYSTEM V4046 Sgr AB. <i>Astrophysical Journal Letters</i> , 2011, 740, L17.	8.3	25
56	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2021, 645, A71.	5.1	25
57	X-ray optical depth diagnostics of T Tauri accretion shocks. <i>Astronomy and Astrophysics</i> , 2009, 507, 939-948.	5.1	25
58	X-ray spectroscopy of the Hertzsprung-gap giant star 31 Com, observed with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2004, 413, 643-655.	5.1	24
59	The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2018, 616, A155.	5.1	24
60	Coronal properties of the EQ Pegasi binary system. <i>Astronomy and Astrophysics</i> , 2008, 491, 859-872.	5.1	23
61	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2020, 642, A133.	5.1	23
62	New pre-main sequence candidates in the Taurus-Auriga star forming region. <i>Astronomy and Astrophysics</i> , 2007, 468, 405-412.	5.1	22
63	X-ray Spectroscopy of the Unsteady Quiescent Corona of AD Leonis with Chandra. <i>Astrophysical Journal</i> , 2004, 613, 548-566.	4.5	21
64	HADES RV program with HARPS-N at the TNG. <i>Astronomy and Astrophysics</i> , 2019, 622, A193.	5.1	21
65	Coronal abundances of X-ray bright pre-main sequence stars in the Taurus molecular cloud. <i>Astronomy and Astrophysics</i> , 2007, 473, 589-601.	5.1	21
66	The GAPS programme at TNG. <i>Astronomy and Astrophysics</i> , 2021, 649, A29.	5.1	20
67	Variability analysis in low count rate sources. <i>Astrophysical Journal</i> , 1987, 315, 340.	4.5	20
68	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2022, 658, A136.	5.1	20
69	IUE and Einstein survey of late-type giant and supergiant stars and the dividing line. <i>Astrophysical Journal</i> , 1990, 361, 570.	4.5	17
70	X-ray emission on hybrid stars: ROSAT observations of alpha Trianguli Australis and IOTA Aurigae. <i>Astrophysical Journal</i> , 1994, 431, 402.	4.5	17
71	Photospheric and coronal abundances in solar-type stars: the peculiar case of ι Bootis. <i>Astronomy and Astrophysics</i> , 2011, 527, A144.	5.1	16
72	The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2015, 581, L6.	5.1	16

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73	Optical spectroscopy of X-ray sources in the Taurus molecular cloud: discovery of ten new pre-main sequence stars. <i>Astronomy and Astrophysics</i> , 2008, 490, 601-612.	5.1	16
74	Subphotospheric convection and magnetic activity dependence on metallicity and age: Models and tests. <i>Astronomy and Astrophysics</i> , 2001, 373, 597-607.	5.1	15
75	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2021, 653, A104.	5.1	15
76	The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2015, 575, L15.	5.1	14
77	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2019, 624, A27.	5.1	13
78	New Constraints on the Future Evaporation of the Young Exoplanets in the V1298 Tau System. <i>Astrophysical Journal</i> , 2022, 925, 172.	4.5	13
79	The HADES RV programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2019, 625, A126.	5.1	12
80	Using the transit of Venus to probe the upper planetary atmosphere. <i>Nature Communications</i> , 2015, 6, 7563.	12.8	10
81	Fifteen years in the high-energy life of the solar-type star HD 81809. <i>Astronomy and Astrophysics</i> , 2017, 605, A19.	5.1	10
82	XMM-Newton survey of two upper Scorpius regions. <i>Astronomy and Astrophysics</i> , 2006, 459, 199-213.	5.1	10
83	ROSAT PSPC observation of the northeast region of the VELA supernova remnant. I: Evidence of thermal structure on a scale of 5 min. <i>Astrophysical Journal</i> , 1994, 437, 209.	4.5	10
84	The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 599, A90.	5.1	9
85	The GAPS programme at TNG. <i>Astronomy and Astrophysics</i> , 2020, 639, A50.	5.1	9
86	The GAPS programme at TNG. <i>Astronomy and Astrophysics</i> , 2020, 641, A68.	5.1	9
87	ROSATPSPC Observation of the Northeast Region of the Vela Supernova Remnant. II. Spectral Analysis with a Nonequilibrium of Ionization Emission Model. <i>Astrophysical Journal</i> , 1997, 481, 872-882.	4.5	8
88	The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2019, 621, A110.	5.1	8
89	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2021, 646, A159.	5.1	8
90	Extreme-ultraviolet- and X-Ray-driven Photochemistry of Gaseous Exoplanets. <i>Planetary Science Journal</i> , 2022, 3, 1.	3.6	8

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91	X-ray variability of HD 189733 across eight years of XMM-Newton observations. <i>Astronomy and Astrophysics</i> , 2022, 660, A75.	5.1	8
92	The analysis system for astrophysical plasmas (ASAP) of the Osservatorio Astronomico di Palermo. <i>Computer Physics Communications</i> , 1994, 81, 105-119.	7.5	6
93	EBIT diagnostics using X-ray spectra of highly ionized Ne. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 205, 244-249.	1.4	6
94	The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 606, A51.	5.1	6
95	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2021, 649, A157.	5.1	6
96	X-Ray spectroscopy of stellar coronae with BeppoSAX. <i>Advances in Space Research</i> , 2000, 25, 517-522.	2.6	5
97	Spectral Indications of Density Variability in the Corona of AD Leonis. <i>Astrophysical Journal</i> , 2005, 622, L57-L60.	4.5	5
98	The science of EChO. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 359-370.	0.0	5
99	X-ray Spectroscopy of Active Stars with ASCA and BeppoSAX. <i>Astrophysics and Space Science</i> , 1998, 261, 101-104.	1.4	4
100	HADES RV programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2021, 651, A93.	5.1	4
101	ROSAT X-Ray Detection of epsilon Taurus: Revisiting the Coronal and Transition Region Emission of the Hyades Giants. <i>Astrophysical Journal</i> , 1993, 416, 204.	4.5	4
102	The GAPS programme at TNG. <i>Astronomy and Astrophysics</i> , 2020, 642, A53.	5.1	4
103	Shock-cloud interactions in the Vela SNR: preliminary results of an XMM-Newton observation. <i>Advances in Space Research</i> , 2004, 33, 381-385.	2.6	3
104	ROSAT X-ray observations of late-type evolved stars: On the relationship between coronal temperatures and luminosities. <i>Astrophysical Journal</i> , 1994, 432, 701.	4.5	3
105	The magnetosphere of the close accreting PMS binary V4046 Sgr. <i>EPJ Web of Conferences</i> , 2014, 64, 08009.	0.3	2
106	XMM-Newton spectroscopy of stars in open clusters and star forming regions. <i>Advances in Space Research</i> , 2006, 38, 1509-1519.	2.6	1
107	The magnetosphere of the close accreting PMS binary V4046 Sgr AB. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 44-45.	0.0	1
108	Statistical Properties of Wavelet Transforms Applied to X-Ray Source Detection. , 1997, , 417-418.		1

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109	Hydrodynamic Modeling of Accretion Shock on CTTs. Thirty Years of Astronomical Discovery With UKIRT, 2009, , 607-609.	0.3	1
110	Evolution of Stellar Activity in Early Post-Main-Sequence Phases. International Astronomical Union Colloquium, 1993, 137, 648-650.	0.1	0
111	Simulated PSPC spectral fits of coronal X-ray sources. AIP Conference Proceedings, 1994, , .	0.4	0
112	ASAP: A systematic approach to plasma spectral synthesis. Space Science Reviews, 1994, 70, 211-214.	8.1	0
113	<title>15-30 arcsec resolution replica x-ray optics for AXAF-S</title>. , 1994, , .		0
114	BeppoSAX and ROSAT observations of the supernova remnant RCW86. Nuclear Physics, Section B, Proceedings Supplements, 1999, 69, 92-95.	0.4	0
115	The Coronae of AD Leo and EV Lac. , 2000, , 248-255.		0
116	Multi-phase interstellar clouds in the Vela SNR resolved with XMM-Newton. Advances in Space Research, 2005, 35, 1012-1016.	2.6	0
117	Benchmark Exercises for stellar X-ray Spectroscopy Testing (BEXST). , 2005, , .		0
118	Accretion shock on CTTs and its X-ray emission. , 2009, , .		0
119	Photospheric and coronal abundances of solar-type stars with planets: the case of ι , Bootis. Proceedings of the International Astronomical Union, 2009, 5, 436-437.	0.0	0
120	V4046 Sgr: X-rays from accretion shock. Proceedings of the International Astronomical Union, 2013, 9, 46-47.	0.0	0
121	Star-Planet Interaction: The Curious Case of the Planet Spoon-feeding Its Host Star (and Other) Tj ETQq1 1 0.784314.rgBT /Overlock 1	0.0	0
122	X-ray activity as statistical age indicator - The disk G-K giants. Astrophysical Journal, 1992, 388, 171.	4.5	0