

Manuel Guedel

List of Publications by Year in descending order

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363
papers

15,660
citations

17440

63
h-index

23533

111
g-index

365
all docs

365
docs citations

365
times ranked

8087
citing authors

#	ARTICLE	IF	CITATIONS
1	The PLATO 2.0 mission. <i>Experimental Astronomy</i> , 2014, 38, 249-330.	3.7	912
2	The Reflection Grating Spectrometer on board XMM-Newton. <i>Astronomy and Astrophysics</i> , 2001, 365, L7-L17.	5.1	781
3	Evolution of the Solar Activity over Time and Effects on Planetary Atmospheres. I. High-Energy Irradiances (1–1700 Å). <i>Astrophysical Journal</i> , 2005, 622, 680-694.	4.5	684
4	X-ray astronomy of stellar coronae. <i>Astronomy and Astrophysics Review</i> , 2004, 12, 71.	25.5	292
5	The XMM-Newton extended survey of the Taurus molecular cloud (XEST). <i>Astronomy and Astrophysics</i> , 2007, 468, 353-377.	5.1	274
6	The X-ray Sun in Time: A Study of the Long-Term Evolution of Coronae of Solar-Type Stars. <i>Astrophysical Journal</i> , 1997, 483, 947-960.	4.5	265
7	Stellar Radio Astronomy: Probing Stellar Atmospheres from Protostars to Giants. <i>Annual Review of Astronomy and Astrophysics</i> , 2002, 40, 217-261.	24.3	264
8	A chemical survey of exoplanets with ARIEL. <i>Experimental Astronomy</i> , 2018, 46, 135-209.	3.7	249
9	The Mid-Infrared Instrument for the James Webb Space Telescope, I: Introduction. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 584-594.	3.1	244
10	Consistent dust and gas models for protoplanetary disks. <i>Astronomy and Astrophysics</i> , 2016, 586, A103.	5.1	229
11	X-ray spectroscopy of stars. <i>Astronomy and Astrophysics Review</i> , 2009, 17, 309-408.	25.5	225
12	THE TAURUS SPITZER SURVEY: NEW CANDIDATE TAURUS MEMBERS SELECTED USING SENSITIVE MID-INFRARED PHOTOMETRY. <i>Astrophysical Journal, Supplement Series</i> , 2010, 186, 259-307.	7.7	224
13	X-ray/microwave relation of different types of active stars. <i>Astrophysical Journal</i> , 1993, 405, L63.	4.5	213
14	The extreme ultraviolet and X-ray Sun in Time: High-energy evolutionary tracks of a solar-like star. <i>Astronomy and Astrophysics</i> , 2015, 577, L3.	5.1	206
15	Physical Processes in Magnetically Driven Flares on the Sun, Stars, and Young Stellar Objects. <i>Annual Review of Astronomy and Astrophysics</i> , 2010, 48, 241-287.	24.3	185
16	High resolution X-ray spectroscopy of η Puppis with the XMM-Newton reflection grating spectrometer. <i>Astronomy and Astrophysics</i> , 2001, 365, L312-L317.	5.1	170
17	Extreme Ultraviolet Flare Activity in Late-Type Stars. <i>Astrophysical Journal</i> , 2000, 541, 396-409.	4.5	169
18	Stellar winds on the main-sequence. <i>Astronomy and Astrophysics</i> , 2015, 577, A28.	5.1	162

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19	The Sun in Time: Activity and Environment. <i>Living Reviews in Solar Physics</i> , 2007, 4, 1.	22.0	158
20	First light measurements with the XMM-Newton reflection grating spectrometers: Evidence for an inverse first ionisation potential effect and anomalous Ne abundance in the Coronae of HR 1099. <i>Astronomy and Astrophysics</i> , 2001, 365, L324-L328.	5.1	152
21	X-ray emission from T Tauri stars and the role of accretion: inferences from the XMM-Newton extended survey of the Taurus molecular cloud. <i>Astronomy and Astrophysics</i> , 2007, 468, 425-442.	5.1	146
22	BRITE-Constellation: Nanosatellites for Precision Photometry of Bright Stars. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 573-585.	3.1	145
23	Estimating the frequency of extremely energetic solar events, based on solar, stellar, lunar, and terrestrial records. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	141
24	Coronal Evolution of the Sun in Time: High-Resolution X-Ray Spectroscopy of Solar Analogs with Different Ages. <i>Astrophysical Journal</i> , 2005, 622, 653-679.	4.5	138
25	Origin and loss of nebula-captured hydrogen envelopes from \sim sub- T_M - to \sim super-Earths \hat{M} in the habitable zone of Sun-like stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3225-3238.	4.4	126
26	Impact of space weather on climate and habitability of terrestrial-type exoplanets. <i>International Journal of Astrobiology</i> , 2020, 19, 136-194.	1.6	125
27	Origin and evolution of the atmospheres of early Venus, Earth and Mars. <i>Astronomy and Astrophysics Review</i> , 2018, 26, 1.	25.5	124
28	Million-Degree Plasma Pervading the Extended Orion Nebula. <i>Science</i> , 2008, 319, 309-312.	12.6	116
29	THE EVOLUTION OF STELLAR ROTATION AND THE HYDROGEN ATMOSPHERES OF HABITABLE-ZONE TERRESTRIAL PLANETS. <i>Astrophysical Journal Letters</i> , 2015, 815, L12.	8.3	114
30	The Mid-Infrared Instrument for the James Webb Space Telescope, II: Design and Build. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 595-611.	3.1	113
31	Are Coronae of Magnetically Active Stars Heated by Flares? II. Extreme Ultraviolet and X-Ray Flare Statistics and the Differential Emission Measure Distribution. <i>Astrophysical Journal</i> , 2003, 582, 423-442.	4.5	113
32	On the sizes of stellar X-ray coronae. <i>Astronomy and Astrophysics</i> , 2004, 427, 667-683.	5.1	110
33	XUV-Exposed, Non-Hydrostatic Hydrogen-Rich Upper Atmospheres of Terrestrial Planets. Part I: Atmospheric Expansion and Thermal Escape. <i>Astrobiology</i> , 2013, 13, 1011-1029.	3.0	107
34	High-resolution X-ray spectroscopy of Procyon by Chandra and XMM-Newton. <i>Astronomy and Astrophysics</i> , 2002, 389, 228-238.	5.1	106
35	Gamma-Ray Burst Polarization: Limits from RHESSI Measurements. <i>Astrophysical Journal</i> , 2004, 613, 1088-1100.	4.5	105
36	Flares from small to large: X-ray spectroscopy of Proxima Centauri with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2004, 416, 713-732.	5.1	102

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37	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
38	EChO. <i>Experimental Astronomy</i> , 2012, 34, 311-353.	3.7	98
39	Discovery of a bipolar X-ray jet from the TÂTauri star DG Tauri. <i>Astronomy and Astrophysics</i> , 2008, 478, 797-807.	5.1	97
40	Extreme Space Weather Events: From Cradle to Grave. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	97
41	DIGIT survey of far-infrared lines from protoplanetary disks. <i>Astronomy and Astrophysics</i> , 2013, 559, A77.	5.1	95
42	Six transiting planets and a chain of Laplace resonances in TOI-178. <i>Astronomy and Astrophysics</i> , 2021, 649, A26.	5.1	94
43	A study of coronal abundances in RSÂCVn binaries. <i>Astronomy and Astrophysics</i> , 2003, 398, 1137-1149.	5.1	93
44	The active lives of stars: A complete description of the rotation and XUV evolution of F, G, K, and M dwarfs. <i>Astronomy and Astrophysics</i> , 2021, 649, A96.	5.1	92
45	The XMM-Newton view of stellar coronae: High-resolution X-ray spectroscopy of Capella. <i>Astronomy and Astrophysics</i> , 2001, 365, L329-L335.	5.1	86
46	Escape of the martian protoatmosphere and initial water inventory. <i>Planetary and Space Science</i> , 2014, 98, 106-119.	1.7	83
47	The X-ray soft excess in classical T Tauri stars. <i>Astronomy and Astrophysics</i> , 2007, 474, L25-L28.	5.1	79
48	X-Ray Evidence for Flare Density Variations and Continual Chromospheric Evaporation in Proxima Centauri. <i>Astrophysical Journal</i> , 2002, 580, L73-L76.	4.5	78
49	EUV-driven mass-loss of protoplanetary cores with hydrogen-dominated atmospheres: the influences of ionization and orbital distance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1300-1309.	4.4	78
50	Flare Heating in Stellar Coronae. <i>Astrophysical Journal</i> , 2002, 580, 1118-1132.	4.5	76
51	Evidence for an X-Ray Jet in DG Tauri A?. <i>Astrophysical Journal</i> , 2005, 626, L53-L56.	4.5	76
52	Stellar winds on the main-sequence. <i>Astronomy and Astrophysics</i> , 2015, 577, A27.	5.1	76
53	The coevolution of decimetric millisecond spikes and hard X-ray emission during solar flares. <i>Astrophysical Journal</i> , 1992, 401, 736.	4.5	76
54	Flaring and Quiescent Coronae of UX Arietis: Results fromASCAandEUVECampaigns. <i>Astrophysical Journal</i> , 1999, 511, 405-421.	4.5	75

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55	X-rays from T Tauri: a test case for accreting T Tauri stars. <i>Astronomy and Astrophysics</i> , 2007, 468, 529-540.	5.1	73
56	A statistical analysis of X-ray variability in pre-main sequence objects of the Taurus molecular cloud. <i>Astronomy and Astrophysics</i> , 2007, 468, 463-475.	5.1	72
57	Relationship between X-ray and ultraviolet emission of flares from dMe stars observed by XMM-Newton. <i>Astronomy and Astrophysics</i> , 2005, 431, 679-686.	5.1	70
58	The Neupert Effect in Active Stellar Coronae: Chromospheric Evaporation and Coronal Heating in the dMe Flare Star Binary UV Ceti. <i>Astrophysical Journal</i> , 1996, 471, 1002-1014.	4.5	70
59	The Characteristics of Solar X-Class Flares and CMEs: A Paradigm for Stellar Superflares and Eruptions?. <i>Solar Physics</i> , 2016, 291, 1761-1782.	2.5	69
60	High-resolution X-ray spectroscopy of T Tauri stars in the Taurus-Auriga complex. <i>Astronomy and Astrophysics</i> , 2007, 468, 443-462.	5.1	68
61	Scaling Laws of Solar and Stellar Flares. <i>Astrophysical Journal</i> , 2008, 672, 659-673.	4.5	68
62	Formation and Evolution of Protoatmospheres. <i>Space Science Reviews</i> , 2016, 205, 153-211.	8.1	68
63	The XMM-Newton view of stellar coronae: Flare heating in the coronae of HR 1099. <i>Astronomy and Astrophysics</i> , 2001, 365, L318-L323.	5.1	67
64	First results of the <i>Herschel</i> key program "Dust, Ice and Gas In Time" (DIGIT): Dust and gas spectroscopy of HD 100546. <i>Astronomy and Astrophysics</i> , 2010, 518, L129.	5.1	67
65	On the origin of $[N\text{II}]\lambda 12.81\mu\text{m}$ emission from pre-main sequence stars: Disks, jets, and accretion. <i>Astronomy and Astrophysics</i> , 2010, 519, A113.	5.1	67
66	A broadband spectrometer for decimetric and microwave radio bursts: First results. <i>Solar Physics</i> , 1991, 133, 385-393.	2.5	66
67	The coronal temperatures of low-mass main-sequence stars. <i>Astronomy and Astrophysics</i> , 2015, 578, A129.	5.1	65
68	The XMM-Newton view of stellar coronae: Coronal structure in the Castor X-ray triplet. <i>Astronomy and Astrophysics</i> , 2001, 365, L344-L352.	5.1	63
69	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
70	Stellar wind interaction and pick-up ion escape of the Kepler-11 "super-Earths". <i>Astronomy and Astrophysics</i> , 2014, 562, A116.	5.1	63
71	The Faint Young Sun Paradox: An observational test of an alternative solar model. <i>Geophysical Research Letters</i> , 2000, 27, 501-503.	4.0	62
72	The first high-resolution X-ray spectrum of a Herbig star: AB Aurigae. <i>Astronomy and Astrophysics</i> , 2007, 468, 541-556.	5.1	62

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73	X-rays from jet-driving protostars and T Tauri stars. <i>Astronomy and Astrophysics</i> , 2007, 468, 515-528.	5.1	60
74	Consistent Dust and Gas Models for Protoplanetary Disks. III. Models for Selected Objects from the FP7 DIANA Project*. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 064301.	3.1	58
75	Variability of solar/stellar activity and magnetic field and its influence on planetary atmosphere evolution. <i>Earth, Planets and Space</i> , 2012, 64, 179-199.	2.5	57
76	Magma oceans and enhanced volcanism on TRAPPIST-1 planets due to induction heating. <i>Nature Astronomy</i> , 2017, 1, 878-885.	10.1	57
77	Modeling an X-ray flare on Proxima Centauri: Evidence of two flaring loop components and of two heating mechanisms at work. <i>Astronomy and Astrophysics</i> , 2004, 416, 733-747.	5.1	57
78	The science of ARIEL (Atmospheric Remote-sensing Infrared Exoplanet Large-survey). <i>Proceedings of SPIE</i> , 2016, , .	0.8	56
79	Wind clumping and the wind-wind collision zone in the Wolf-Rayet binary β Velorum. <i>Astronomy and Astrophysics</i> , 2004, 422, 177-191.	5.1	55
80	Extreme hydrodynamic losses of Earth-like atmospheres in the habitable zones of very active stars. <i>Astronomy and Astrophysics</i> , 2019, 624, L10.	5.1	55
81	Are stellar coronae optically thin in X-rays?. <i>Astronomy and Astrophysics</i> , 2003, 407, 347-358.	5.1	55
82	Are Coronae of Magnetically Active Stars Heated by Flares?. <i>Astrophysical Journal</i> , 1997, 480, L121-L124.	4.5	55
83	XUV-Exposed, Non-Hydrostatic Hydrogen-Rich Upper Atmospheres of Terrestrial Planets. Part II: Hydrogen Coronae and Ion Escape. <i>Astrobiology</i> , 2013, 13, 1030-1048.	3.0	53
84	Identifying the true radius of the hot sub-Neptune CoRoT-24b by mass-loss modelling. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 461, L62-L66.	3.3	53
85	INTEGRALSPI Limits on Electron-Positron Annihilation Radiation from the Galactic Plane. <i>Astrophysical Journal</i> , 2005, 621, 296-300.	4.5	51
86	Transit detection of the long-period volatile-rich super-Earth λ Lupi d with CHEOPS. <i>Nature Astronomy</i> , 2021, 5, 775-787.	10.1	51
87	X-RAY EMISSION FROM NITROGEN-TYPE WOLF-RAYET STARS. <i>Astronomical Journal</i> , 2010, 139, 825-838.	4.7	50
88	Upper atmospheres of terrestrial planets: Carbon dioxide cooling and the Earth's thermospheric evolution. <i>Astronomy and Astrophysics</i> , 2018, 617, A107.	5.1	50
89	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	50
90	Simultaneous X-ray spectroscopy of γ Gem with Chandra and XMM-Newton. <i>Astronomy and Astrophysics</i> , 2002, 392, 585-598.	5.1	49

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91	Pathways to Earth-Like Atmospheres. <i>Origins of Life and Evolution of Biospheres</i> , 2011, 41, 503-522.	1.9	48
92	Implications from Extreme-Ultraviolet Observations for Coronal Heating of Active Stars. <i>Astrophysical Journal</i> , 1999, 513, L53-L56.	4.5	48
93	RADIO ASTROMETRY OF THE TRIPLE SYSTEMS ALGOL AND UX ARIETIS. <i>Astrophysical Journal</i> , 2011, 737, 104.	4.5	47
94	THE HERSCHEL DIGIT SURVEY OF WEAK-LINE T TAURI STARS: IMPLICATIONS FOR DISK EVOLUTION AND DISSIPATION. <i>Astrophysical Journal</i> , 2013, 762, 100.	4.5	47
95	Constraining the early evolution of Venus and Earth through atmospheric Ar, Ne isotope and bulk K/U ratios. <i>Icarus</i> , 2020, 339, 113551.	2.5	47
96	CHEOPS observations of the HD 108236 planetary system: a fifth planet, improved ephemerides, and planetary radii. <i>Astronomy and Astrophysics</i> , 2021, 646, A157.	5.1	47
97	X-Ray Polarization of Solar Flares Measured with Rhesi. <i>Solar Physics</i> , 2006, 239, 149-172.	2.5	46
98	A multi-wavelength study of the young star V1118 Orionis in outburst. <i>Astronomy and Astrophysics</i> , 2010, 511, A63.	5.1	46
99	[Chandra] Detection of a Close X-Ray Companion and Rich Emission-Line Spectrum in the Wolf-Rayet Binary Γ^3 Velorum. <i>Astrophysical Journal</i> , 2001, 558, L113-L116.	4.5	46
100	Jets and Outflows from Star to Cloud: Observations Confront Theory. , 2014, , .		46
101	Radio emission and mass loss rate limits of four young solar-type stars. <i>Astronomy and Astrophysics</i> , 2017, 599, A127.	5.1	43
102	XMM-Newton high-resolution X-ray spectroscopy of the Wolf-Rayet object WR 25 in the Carina OB1 association. <i>Astronomy and Astrophysics</i> , 2003, 402, 653-666.	5.1	42
103	A tight correlation between radio and X-ray luminosities of M dwarfs. <i>Astrophysical Journal</i> , 1993, 415, 236.	4.5	42
104	VLBI observations of τ Tauri South. <i>Astronomy and Astrophysics</i> , 2003, 406, 957-967.	5.1	41
105	New Perspectives on the X-Ray Emission of HD 104237 and Other Nearby Herbig Ae/Be Stars from XMM-Newton and Chandra. <i>Astrophysical Journal</i> , 2004, 614, 221-234.	4.5	41
106	On the mass segregation of stars and brown dwarfs in Taurus. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 2489-2497.	4.4	41
107	X-Ray Emission from the Sun in Its Youth and Old Age. <i>Astrophysical Journal</i> , 1995, 448, 431.	4.5	40
108	XMM-Newton Detection of Hard X-Ray Emission in the Nitrogen Type Wolf-Rayet Star WR 110. <i>Astrophysical Journal</i> , 2002, 572, 477-486.	4.5	39

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109	On the circum(sub)stellar environment of brown dwarfs in Taurus. <i>Astronomy and Astrophysics</i> , 2007, 465, 855-864.	5.1	39
110	Detection of the Neupert Effect in the Corona of an RS Canum Venaticorum Binary System by XMM-Newton and the Very Large Array. <i>Astrophysical Journal</i> , 2002, 577, 371-376.	4.5	38
111	High-amplitude, long-term X-ray variability in the solar-type star HD 1809: The beginning of an X-ray activity cycle?. <i>Astronomy and Astrophysics</i> , 2004, 418, L13-L16.	5.1	38
112	A large coronal loop in the Algol system. <i>Nature</i> , 2010, 463, 207-209.	27.8	38
113	Dust, Ice, and Gas In Time (DIGIT) Herschel program first results. <i>Astronomy and Astrophysics</i> , 2010, 518, L128.	5.1	38
114	WIDEBAND DYNAMIC RADIO SPECTRA OF TWO ULTRA-COOL DWARFS. <i>Astrophysical Journal</i> , 2015, 802, 106.	4.5	38
115	Stellar energetic particle ionization in protoplanetary disks around T Tauri stars. <i>Astronomy and Astrophysics</i> , 2017, 603, A96.	5.1	38
116	High-resolution X-ray spectroscopy of τ Scorpii (B0.2V) with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2003, 398, 203-211.	5.1	37
117	FAR-INFRARED OBSERVATIONS OF THE VERY LOW LUMINOSITY EMBEDDED SOURCE L1521F-IRS IN THE TAURUS STAR-FORMING REGION. <i>Astrophysical Journal</i> , 2009, 696, 1918-1930.	4.5	36
118	SHORT-PERIOD STELLAR ACTIVITY CYCLES WITH KEPLER PHOTOMETRY. <i>Astrophysical Journal</i> , 2015, 807, 109.	4.5	36
119	The changing face of AU Mic b: stellar spots, spin-orbit commensurability, and transit timing variations as seen by CHEOPS and TESS. <i>Astronomy and Astrophysics</i> , 2021, 654, A159.	5.1	36
120	A Chandra X-ray detection of the L dwarf binary Kelu-1. <i>Astronomy and Astrophysics</i> , 2007, 471, L63-L66.	5.1	36
121	FIRST DETECTION OF THERMAL RADIO EMISSION FROM SOLAR-TYPE STARS WITH THE KARL G. JANSKY VERY LARGE ARRAY. <i>Astrophysical Journal</i> , 2014, 788, 112.	4.5	33
122	Close-in Sub-Neptunes Reveal the Past Rotation History of Their Host Stars: Atmospheric Evolution of Planets in the HD 3167 and K2-32 Planetary Systems. <i>Astrophysical Journal</i> , 2019, 879, 26.	4.5	33
123	An outflow origin of the [Ne III] emission in the T Tauri triplet. <i>Astronomy and Astrophysics</i> , 2009, 497, 137-144.	5.1	33
124	A Determination of the Coronal Emission Measure Distribution in the Young Solar Analog EK Draconis from ASCA/EUVESpectra. <i>Astrophysical Journal</i> , 1997, 479, 416-426.	4.5	32
125	X-ray emission from the young brown dwarfs of the Taurus molecular cloud. <i>Astronomy and Astrophysics</i> , 2007, 468, 391-403.	5.1	32
126	AN ANALYSIS OF THE ENVIRONMENTS OF FU ORIONIS OBJECTS WITH HERSCHEL. <i>Astrophysical Journal</i> , 2013, 772, 117.	4.5	32

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127	XMM-Newton and Very Large Array Observations of the Variable Wolf-Rayet Star EZ Canis Majoris: Evidence for a Close Companion?. <i>Astrophysical Journal</i> , 2002, 579, 764-773.	4.5	32
128	Separating the X-ray Emissions of UV Ceti A and B with Chandra. <i>Astrophysical Journal</i> , 2003, 589, 983-987.	4.5	31
129	Spectral properties of X-ray bright variable sources in the Taurus molecular cloud. <i>Astronomy and Astrophysics</i> , 2007, 468, 485-499.	5.1	31
130	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
131	The EChO science case. <i>Experimental Astronomy</i> , 2015, 40, 329-391.	3.7	31
132	Solar XUV and ENA-driven water loss from early Venus' steam atmosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4718-4732.	2.4	31
133	AD Leonis: Flares observed by XMM-Newton and Chandra. <i>Astronomy and Astrophysics</i> , 2003, 411, 587-593.	5.1	31
134	Flares observed with XMM-Newton and the VLA. <i>Astronomy and Astrophysics</i> , 2005, 436, 241-251.	5.1	31
135	CHEOPS precision phase curve of the Super-Earth 55 Cancri e. <i>Astronomy and Astrophysics</i> , 2021, 653, A173.	5.1	30
136	A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with CHEOPS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1043-1071.	4.4	30
137	Harmonic emission and polarization of millisecond radio spikes. <i>Solar Physics</i> , 1987, 111, 175-180.	2.5	29
138	X-ray Observations of Binary and Single Wolf-Rayet Stars with XMM-Newton and Chandra. <i>Astrophysics and Space Science</i> , 2006, 304, 97-99.	1.4	29
139	The chemistry of episodic accretion in embedded objects. <i>Astronomy and Astrophysics</i> , 2017, 604, A15.	5.1	29
140	Direct evidence of a full dipole flip during the magnetic cycle of a sun-like star. <i>Astronomy and Astrophysics</i> , 2018, 620, L11.	5.1	29
141	X-Ray Spectral Variability during an Outburst in V1118 Ori. <i>Astrophysical Journal</i> , 2005, 635, L81-L84.	4.5	28
142	The X-ray spectra of the flaring and quiescent states of AT Microscopii observed by XMM-Newton. <i>Astronomy and Astrophysics</i> , 2003, 411, 509-515.	5.1	28
143	The XMM-Newton Optical Monitor survey of the Taurus molecular cloud. <i>Astronomy and Astrophysics</i> , 2007, 468, 379-390.	5.1	27
144	NEW X-RAY DETECTIONS OF WNL STARS. <i>Astronomical Journal</i> , 2012, 143, 116.	4.7	27

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145	METIS: the mid-infrared E-ELT imager and spectrograph. Proceedings of SPIE, 2014, , .	0.8	27
146	XMM-Newton X-Ray Observations of LkCa 15: A T Tauri Star with a Formative Planetary System. Astrophysical Journal, 2017, 839, 45.	4.5	27
147	X-ray radiative transfer in protoplanetary disks. Astronomy and Astrophysics, 2018, 609, A91.	5.1	27
148	ASCA Observations of the Barnard 209 Dark Cloud and an Intense X-Ray Flare on V773 Tauri. Astrophysical Journal, 1997, 486, 886-902.	4.5	26
149	Multiwavelength studies of the gas and dust disc of IRAS 04158+2805. Astronomy and Astrophysics, 2008, 485, 531-540.	5.1	26
150	Effect of accretion on the pre-main-sequence evolution of low-mass stars and brown dwarfs. Astronomy and Astrophysics, 2017, 605, A77.	5.1	26
151	GSC 07396-00759 = V4046 Sgr C[D]: A WIDE-SEPARATION COMPANION TO THE CLOSE T TAURI BINARY SYSTEM V4046 Sgr AB. Astrophysical Journal Letters, 2011, 740, L17.	8.3	25
152	On the origin of [Ne III] emission in young stars: mid-infrared and optical observations with the Very Large Telescope. Astronomy and Astrophysics, 2012, 543, A30.	5.1	25
153	Mid-IR spectra of pre-main sequence Herbig stars: An explanation for the non-detections of water lines. Astronomy and Astrophysics, 2016, 585, A61.	5.1	25
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155	Knotty protostellar jets as a signature of episodic protostellar accretion?. Astronomy and Astrophysics, 2018, 613, A18.	5.1	25
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