

Alexander F Kholtygin

List of Publications by Year in descending order

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80
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80
docs citations

80
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Accretion and Magnetic Fields of Herbig Ae/Be Stars. <i>Astrophysics</i> , 2021, 64, 54-60.	0.5	1
2	Testing the fossil field hypothesis: could strongly magnetized OB stars produce all known magnetars?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5813-5828.	4.4	12
3	A possible nonthermal X-ray emission from \hat{I}^3 Cas analogues stars. <i>Open Astronomy</i> , 2021, 30, 132-143.	0.6	1
4	Contribution of a Non-Thermal Component to the X-Ray Emission of OB Stars. <i>Astrophysical Bulletin</i> , 2020, 75, 127-138.	1.3	3
5	Super-Fast Line-Profile Variability in the Spectra of OBA Stars. II. A0 Star $\hat{I} \pm 2$ CVn. <i>Astrophysical Bulletin</i> , 2020, 75, 278-283.	1.3	3
6	Superfast Line Profile Variability in the Spectra of ho Leo: New Results. <i>Astronomy Letters</i> , 2020, 46, 168-176.	1.0	3
7	Superfast Line Profile Variations in the Spectra of OBA Stars. III. A0 Star $\hat{I} \pm 2$ Cvn, New Results. <i>Astrophysical Bulletin</i> , 2020, 75, 284-293.	1.3	5
8	Analysis of the X-ray emission from OB stars III: low-resolution spectra of OB stars. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 108.	1.7	2
9	Analysis of the X-ray emission of OB stars II: B stars. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 120.	1.7	4
10	Evolution of Magnetic Fields of Herbig Ae/Be Stars. <i>Astrophysical Bulletin</i> , 2019, 74, 293-299.	1.3	5
11	A short and sudden increase of the magnetic field strength and the accompanying spectral variability in the O9.7 \hat{V} star HD $\hat{\%}54879$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4495-4506.	4.4	9
12	Detection of a centrifugal magnetosphere in one of the most massive stars in the \hat{I} -Oph star $\hat{\%}$ forming cloud. <i>Astronomische Nachrichten</i> , 2018, 339, 72-77.	1.2	2
13	The spatial structure of the Galaxy subsystems as it looks from an analysis of the system of galactic planetary nebulae. <i>Journal of Physics: Conference Series</i> , 2018, 1038, 012016.	0.4	0
14	Super-Fast Line-Profile Variability in the Spectra of OBA-Stars: B1-Star \hat{I} -Leo. <i>Astrophysical Bulletin</i> , 2018, 73, 471-477.	1.3	9
15	Analysis of the X-ray emission of OB stars: O stars. <i>Research in Astronomy and Astrophysics</i> , 2018, 18, 104.	1.7	6
16	Is the Pollock's paradigm of X $\hat{\%}$ ray emission for O stars correct?. <i>Astronomische Nachrichten</i> , 2017, 338, 959-962.	1.2	2
17	Search for and study of photometric variability in magnetic white dwarfs. <i>Astrophysical Bulletin</i> , 2017, 72, 44-50.	1.3	13
18	Spectroscopic observations of the exoplanet WASP-32b transit. <i>Astrophysical Bulletin</i> , 2017, 72, 67-72.	1.3	28

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19	Magnetic field geometry and chemical abundance distribution of the He-strong star CPD+57°3509. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1543-1552.	4.4	8
20	Statistics of magnetic field measurements in <scp>OBA</scp> stars and the evolution of their magnetic fields. Astronomische Nachrichten, 2017, 338, 910-918.	1.2	4
21	Searching for the presence of a weak magnetic field in the Be star ϵ Eri using FORS 2 spectropolarimetric time series. Astronomische Nachrichten, 2017, 338, 926-937.	1.2	5
22	Rotationally modulated variability and pulsations of the He-rich star CPD+62°2124 with an extraordinarily strong magnetic field. Monthly Notices of the Royal Astronomical Society, 2017, 472, 400-408.	4.4	10
23	THE FIRST SPECTROPOLARIMETRIC MONITORING OF THE PECULIAR O4 Ief SUPERGIANT η PUPPIS. Astrophysical Journal, 2016, 822, 104.	4.5	5
24	Smoothed Temporal Variance Spectrum: weak line profile variations and NRP diagnostics. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1604-1617.	4.4	1
25	Search for signatures of reflected light from the exoplanet HD 189733b by the method of residual dynamical spectra. Astrophysical Bulletin, 2015, 70, 466-473.	1.3	29
26	New spectroscopic and polarimetric observations of the A0 supergiant HD 92207. Astronomische Nachrichten, 2015, 336, 168-177.	1.2	0
27	New multiwavelength observations of the Of?p star CPD -28° 2561. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1885-1894.	4.4	14
28	Non-stationary processes in the atmospheres of early-type stars: influence on the forbidden-to-intercombination line intensity ratio. Astronomy Reports, 2015, 59, 709-716.	0.9	0
29	Modified methods of stellar magnetic field measurements. Astronomische Nachrichten, 2014, 335, 1049-1059.	1.2	0
30	Short time-scale spectral variability in the A0 supergiant HD 92207 and the importance of line profile variations for the interpretation of FORS2 spectropolarimetric observations.... Monthly Notices of the Royal Astronomical Society, 2014, 440, 1779-1785.	4.4	28
31	The B Fields in OB Stars (BOB) Survey. Proceedings of the International Astronomical Union, 2014, 9, 342-347.	0.0	14
32	Line profile variability in spectra of hot massive stars. Proceedings of the International Astronomical Union, 2014, 9, 113-114.	0.0	0
33	Rapid spectral variability of ϵ PerA. Astrophysical Bulletin, 2013, 68, 184-195.	1.3	9
34	Analysis of the Chemical Composition of the Atmospheres of Stars with Debris Disks and Planetary Systems. Astrophysics, 2013, 56, 461-471.	0.5	0
35	Physical Parameters and Chemical Composition of a Group of Mild Barium Stars. Astrophysics, 2013, 56, 57-67.	0.5	5
36	Magnetic fields of OB stars. Proceedings of the International Astronomical Union, 2013, 9, 270-271.	0.0	0

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37	Exploring the origin of magnetic fields in massive stars. <i>Astronomy and Astrophysics</i> , 2013, 551, A33.	5.1	34
38	Circular polarization observations and magnetic fields of O stars. , 2012, , .		0
39	Very young neutron stars and millisecond pulsars: the role of the accretion. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 231-232.	0.0	0
40	Neutron stars: history of the magnetic field decay. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 408-410.	0.0	0
41	Population synthesis of young neutron stars. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 411-413.	0.0	0
42	Microvariability of spectral line profiles and magnetic fields of early-type stars: $\hat{\eta}$ Ori A. <i>Astrophysical Bulletin</i> , 2012, 67, 67-72.	1.3	2
43	Magnetic field detection in the bright A0-type supergiant HDâ€™92207. <i>Astronomy and Astrophysics</i> , 2012, 546, L6.	5.1	10
44	Exploring the origin of magnetic fields in massive stars: a survey of O-type stars in clusters and in the field. <i>Astronomy and Astrophysics</i> , 2011, 528, A151.	5.1	57
45	New kinematic distance scale for the Galactic planetary nebulae. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 406-407.	0.0	0
46	The nature of the Galactic bulge: A view from bulge planetary nebulae and globular clusters. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 408-409.	0.0	2
47	Line-profile microvariability in OB-star spectra: the Supergiant $\hat{\eta}$ Cep (O6If(n)). <i>Astronomy Reports</i> , 2011, 55, 1105-1114.	0.9	6
48	Line profile variability and magnetic fields of Wolfâ€™Rayet stars: WR 135 and WR 136. <i>Astronomische Nachrichten</i> , 2011, 332, 1008-1011.	1.2	7
49	Statistics of magnetic fields and fluxes of massive OB stars and the origin of neutron star magnetic fields. <i>Astronomische Nachrichten</i> , 2011, 332, 1012-1021.	1.2	6
50	Magnetic fluxes of massive stars: statistics and evolution. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 198-199.	0.0	1
51	Line Profile microvariability and wind structure for OB stars. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 200-201.	0.0	0
52	Statistics of magnetic fields for OB stars. <i>Astronomy Letters</i> , 2010, 36, 370-379.	1.0	17
53	Magnetic field evolution in OBA stars. <i>Kinematics and Physics of Celestial Bodies</i> , 2010, 26, 181-191.	0.6	6
54	He, C, N, and O abundances in an ensemble of galactic planetary nebulae. <i>Astronomy Letters</i> , 2009, 35, 518-533.	1.0	22

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55	Pushing the limit of instrument capabilities. Proceedings of the International Astronomical Union, 2009, 5, 142-150.	0.0	0
56	Evolution of abundance gradients for galactic plane PNe. Proceedings of the International Astronomical Union, 2009, 5, 792-792.	0.0	0
57	Planetary nebulae and star formation history in the Galactic disk and bulge. Proceedings of the International Astronomical Union, 2009, 5, 313-316.	0.0	0
58	CP and related phenomena in the context of Stellar Evolution. Proceedings of the International Astronomical Union, 2009, 5, 161-171.	0.0	2
59	Plasma diagnostics of planetary nebulae. Astrophysics, 2008, 51, 294-312.	0.5	1
60	Line profile variability of OB stars: Pulsation, rotation, clumps and magnetic fields. Astronomische Nachrichten, 2007, 328, 1170-1172.	1.2	5
61	Microvariability of line profiles in the spectra of OB stars: III. The supergiant η LEO. Astronomy Reports, 2007, 51, 920-931.	0.9	6
62	Stochastic data in astronomy. II. Search for harmonic components of time series with very large gaps. Astrophysics, 2007, 50, 225-238.	0.5	2
63	Microvariability of line profiles in the spectrum of the star $\hat{\iota}^1$ Her. Astronomy Reports, 2006, 50, 220-231.	0.9	5
64	Microvariability of line profiles in the spectra of OB stars: $\hat{\iota}$ Ori A. Astronomy Reports, 2006, 50, 887-901.	0.9	16
65	Evolution of elemental abundances in planetary nebulae. Astronomy Letters, 2006, 32, 557-565.	1.0	1
66	Stochastic data in astronomy: Fourier analysis of highly nonuniform time series. Astrophysics, 2005, 48, 68-78.	0.5	0
67	Optically thick clumps "not the solution to the Wolf-Rayet wind momentum problem?. Astronomy and Astrophysics, 2004, 426, 323-328.	5.1	14
68	The effect of rotational gravity darkening on magnetically torqued Be star discs. Monthly Notices of the Royal Astronomical Society, 2004, 352, 1061-1072.	4.4	12
69	Fast line-profile variability in the spectra of O stars. Astronomy Letters, 2003, 29, 175-187.	1.0	18
70	Ionization and Cooling of a Hot Plasma with Temperature Fluctuations. Astrophysics, 2002, 45, 32-45.	0.5	2
71	Chemical Evolution of the System of Galactic Planetary Nebulae. Astrophysics, 2002, 45, 370-379.	0.5	0
72	Modeling of rapid variability in the spectral line profiles of Wolf-Rayet stars. Astronomy Reports, 2001, 45, 287-293.	0.9	10

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73	Modelling of line-profile variability in WC stars. Symposium - International Astronomical Union, 1999, 193, 258-259.	0.1	0
74	Ionization structure of the atmospheres and line profiles in the spectra of Wolf-Rayet stars. Astrophysics, 1999, 42, 280-299.	0.5	2
75	Spectral manifestations of the stellar wind of the central star of a planetary nebula. Astrophysics, 1989, 30, 90-93.	0.5	0
76	Lines of carbon, nitrogen, and oxygen ions in the spectra of planetary nebulas. II. Intensities of the C II and N III recombination lines and abundances of the C III and N IV ions. Astrofizika, 1986, 23, 616-621.	0.0	0
77	Lines of carbon, nitrogen, and oxygen ions in the spectra of planetary nebulas. I. Transition probabilities and oscillator strengths. Astrophysics, 1985, 22, 326-334.	0.5	1
78	Carbon abundance in planetary nebulas. Astrofizika, 1984, 20, 272-277.	0.0	0
79	Interconfiguration transitions of C III, N IV, O V in the spectra of Wolf-Rayet stars. Astrofizika, 1980, 16, 77-82.	0.0	2