

## References

1. Adelman, S.J., **1984**, *A&A*, **141**, pp. 362-368 [1984\_Adelman]
2. Adelman, S.J., Cowley, C.R., Leckrone, D.S., Roby, S.W. and Wahlgren, G.M., **1993**, *The Astrophysical Journal*, **419**, pp. 276-285 [1993\_Adelman et al]
3. Adelman, S.J., Davis Philip, A.J. and Adelman, C.J., **1996**, *MNRAS*, **282**, pp. 953-957 [1996\_Adelman et al]
4. Adelman, S.J., Caliskan, H., Kocer, D. and Bolcal, C., **1997**, *MNRAS*, **288**, pp. 470-500 [1997\_Adelman et al]
5. Adelman, S.J., Caliskan, H., Cay, T., Kocer, D. and Tektanali, H.G., **1999**, *MNRAS*, **305**, pp. 591-601 [1999\_Adelman et al]
6. Adelman, S.J., Gulliver, A.F., and Rayle, K.E., **2001**, *A&A*, **367**, 597-604 [2001a\_Adelman et al]
7. Adelman, S.J., Snow, T.P., Wood, E.L., Evans, I.I., Sneden, C., Efrenfreund, P., and Foing, B.H., **2001** *RAS, MNRAS*, **328**, 1144-1150 [2001b\_Adelman et al]
8. Adelman, S.J., Proffitt, C.R., Wahlgren, G.M., Leckrone, D.S., and Dolk, L., **2004**, *The Astrophysical Journal Supplement Series*, **155**, pp. 179-189 [2004\_Adelman et al]
9. Adelman, S.J., Caliskan, H., Gulliver, A.F., and Teker, A., **2006**, *A&A*, **447**, 685-690 [2006\_Adelman et al]
10. Adelman, S. J., **2014**, *Publications of the Astronomical Society of Pacific*, **126**, pp. 505-508 [2014\_Adelman]
11. Alecian, G. and Artru, M.-C., **1987**, *A&A*, **186**, pp. 223-230 [1987\_Alecian and Artru]
12. Alecian, G., Gebran, M., Auvergne, M., Richard, O., Samadi, R., Weiss, W.W., and Baglin, A., **2009**, *A&A*, **506**, pp. 69-78 [2009\_Alecian et al]
13. Alecian, E., Tkachenko, A., Neiner, C., Folsom, C.P., Leroy, B., and the BinaMICs collaboration, **2016**, *A&A*, **589**, id.A47, 13pp. [2016\_E.Alecian et al]
14. Alentiev, D., Kochukhov, O., Ryabchikova, T., Cunha, M., Tsymbal, V. and Weiss, W., **2012**, *MNRAS Letters*, **421**, pp. L82-L86 [2012\_Alentiev et al]
15. Artru, M.-C. and Lanz, T., **1987**, *A&A*, **182**, pp. 273-284 [1987\_Artru and Lanz]
16. Bailey, J. D., Landstreet, J. D., Bagnulo, S., Fossati, L., Kochukhov, O., Paladini, C., Silvester, J., and Wade, G., **2011**, *A&A*, **535**, A25 [2011\_Bailey et al]
17. Bailey, J. D. and Landstreet, J. D., **2013**, *MNRAS*, **432**, pp. 1687-1694 [2013\_Bailey and Landstreet]
18. Bailey, J. D., Landstreet, J. D., and Bagnulo, S., **2014**, *A&A*, **561**, A147 [2014\_Bailey et al]

19. Bohlender, D.A., Dworetsky, M.M., and Jomaron, C.M., **1998**, *The Astrophysical Journal*, **504**, 533-538 [1998\_Bohlender et al]
20. Bolcal , Ç., Koçer, D., and Duzgelen, A., **1987**, *Astrophysics and Space Science*, **139**, pp. 295-304 [1987\_Bolcal et al]
21. Bolcal , Ç., Koçer, D., Koktay, T., and Güzel, T., **1991**, *Astrophysics and Space Science*, **185**, pp. 237-247 [1991\_Bolcal et al]
22. Bonifacio, P., Castelli, F., and Hack, M., **1995**, *Astron. Astrophys. Suppl. Ser.*, **110**, pp. 441- 468 [1995\_Bonifacio et al]
23. Bruntt, H., North, J.R., Cunha, M., Brandão, I.M., Elkin, V.G., Kurtz, D.W., Davis, J., Bedding, T.R., Jacob, A.P., Owens, S.M., Robertson, J.G., Tango, W.J., Gameiro, J.F., Ireland, M.J., and Tuthill, P.G., **2008**, *MNRAS*, **386**, pp. 2039-2046 [2008\_Bruntt et al]
24. Budaj, J. and Iliev, I.Kh., **2003**, *MNRAS*, **346**, pp. 27-36 [2003\_Budaj and Iliev]
25. Burkhardt, C., Coupry, M.F., Lunel, M., and van't Veer, C., **1987**, *A&A*, **172**, pp. 257-264 [1987\_Burkhardt et al]
26. Burkhardt, C. and Coupry, M.F., **1989**, *A&A*, **220**, pp. 197-205 [1989\_Burkhardt and Coupry]
27. Burkhardt, C. and Coupry, M.F., **1991**, *A&A*, **249**, pp. 205-216 [1991\_Burkhardt and Coupry]
28. Burkhardt, C. and Coupry, M.F., **1998**, *A&A*, **338**, pp. 1073-1079 [1998\_Burkhardt and Coupry]
29. Burkhardt, C. and Coupry, M.F., **2000**, *A&A*, **354**, pp. 216-228 [2000\_Burkhardt and Coupry]
30. Burkhardt, C., Coupry, M.F., Faraggiana, R., and Gerbaldi, M., **2005**, *A&A*, **429**, pp. 1043-1049 [2005\_Burkhardt et al]
31. Carrier, F., North, P., Udry, S. and Babel, J., **2002**, *A&A*, **394**, pp. 151-169 [2002\_Carrier et al]
32. Castelli, F., **1998**, *Contrib. Astron. Obs. Skalnaté Pleso*, **27**, pp. 192-196 [1998\_Castelli]
33. Catanzaro, G., Leone, F., and Leto, P., **2003**, *A&A*, **407**, 669-677 [2003\_Catanzaro et al]
34. Castelli, F., and Hubrig, S., **2004**, *A&A*, **425**, 263-270 [2004\_Castelli and Hubrig]
35. Catanzaro, G., and Leone, F., **2006** *RAS, MNRAS*, **373**, 330-336 [2006\_Catanzaro and Leone]
36. Catanzaro, G., **2010**, *A&A*, **509**, A21 [2010\_Catanzaro]

37. Coupry, M.F., Van't Veer-Menneret, C. and Burkhart, C., **1986**, *Astron. Astrophys. Suppl. Ser.*, **64**, pp. 477-486 [1986\_Coupry et al]
38. Cowley, C.R., Hartoog, M.R., Aller, M.F., and Cowley, A.P., **1973**, *The Astrophysical Journal*, **183**, pp. 127-131 [1973\_Cowley et al]
39. Cowley, C.R., Elste, G.H. and Urbanski, J.L., **1978**, *Publications of the Astronomical Society of the Pacific*, **90**, pp. 536-542 [1978\_Cowley et al]
40. Cowley, C.R., Ryabchikova, T., Kupka, F., Bord, D.J., Mathys, G. and Bidelman, W.P., **2000**, *MNRAS*, **317**, pp. 299-309 [2000\_Cowley et al]
41. Cowley, C.R., Hubrig, S., Castelli, F., González, J.F., and Wolff, B., **2007**, *RAS, MNRAS*, **377**, 1579-1587 [2007\_Cowley et al]
42. Cowley, C.R. and Hubrig, S., **2008**, *MNRAS*, **384**, pp. 1588-1596 [2008\_Cowley and Hubrig]
43. Cowley, C.R., Ayres, T.R., Castelli, F., Gulliver, A.F., Monier, R., and Wahlgren, G.M., **2016**, *The Astrophysical Journal*, **826**, pp. 158-167 [2016\_Cowley et al]
44. Cunha, M.S., Alentiev, D., Brandão, I.M. and Perraut, K., **2013**, *MNRAS*, **436**, pp. 1639-1647 [2013\_Cunha et al]
45. Dolk, L., Wahlgren, G.M., Lunberg, H., Li, Z.S., Litzén, U., Ivasson, S., Ilyin, I., and Hubrig, S., **2002**, *A&A*, **385**, 111-130 [2002\_Dolk et al]
46. Dolk, L., Wahlgren, G.M., and Hubrig, S., **2003**, *A&A*, **402**, 299-313 [2003\_Dolk et al]
47. Drake, N.A., Nesvacil, N., Hubrig, S., Kochukhov, O., de la Reza, R., Polosukhina, N.S. and Gonzalez, J.F., **2005**, *From Lithium to Uranium: Elemental Tracers of Early Cosmic Evolution, IAU Symposium Proceedings of the international Astronomical Union 228, Held in Paris, France, May 23-27, 2005. edited by Hill, V.; François, P.; Primas, F. Cambridge: Cambridge University Press*, pp. 89-90 [2005\_Drake et al]
48. Dworetsky, M.M., and Budaj, J., **2000**, *RAS, MNRAS*, **318**, 1264-1272 [2000\_Dworetsky and Budaj]
49. Dworetsky, M.M., **2004**, *The A-Star Puzzle, Proceedings IAU Symposium No. 224*, 727-733 [2004\_Dworetsky]
50. Dworetsky, M.M., Dyer, A., and Persaud, J.L., **2008**, *Contrib. Astron. Obs. Skalnaté Pleso*, **38**, 141-146 [2008a\_Dworetsky et al]
51. Dworetsky, M.M., Persaud, J.L., and Patel, K., **2008** *RAS, MNRAS*, **385**, 1523-1529 [2008b\_Dworetsky et al]
52. Elkin, V.G., Kurtz, D.W., Freyhammer, L.M., Hubrig, S. and Mathys, G., **2008**, *MNRAS*, **390**, pp. 1250-1257 [2008\_Elkin et al]

53. Elkin, V.G., Kurtz, D.W., Mathys, G. and Freyhammer, L.M., **2010**, *MNRAS*, **404**, L104-L108 [2010\_Elkin et al]
54. Elkin, V.G., Kurtz, D.W., Nitschelm, C. and Unda-Sanzanna, E., **2010**, *MNRAS*, **401**, L44-L47 [2010a\_Elkin et al]
55. Elkin, V.G., Kurtz, D.W. and Mathys, G., **2011**, *MNRAS*, **415**, pp. 2233-2237 [2011\_Elkin et al]
56. Elkin, V.G., Kurtz, D.W., Shibahashi, H. and Saio, H., **2014**, *MNRAS*, **444**, pp. 1344-1350 [2014\_Elkin et al]
57. Folsom, C. P., Wade, G. A., Hanes, D. A., Catala, C., Alecian, E., Bagnulo, S., Boehm, T., Bouret, J.-C., Donati, J.-F., Landstreet, J. D., **2007**, *Physics of Magnetic Stars, Proceedings of the International Conference, held in the Special Astrophysical Observatory of the Russian AS, August 28-31, 2006, Eds.: I.I. Romanyuk and D.O. Kudryavtsev*, pp. 189-196 [2007\_Folsom et al]
58. Folsom, C. P., Wade, G. A., Kochukhov, O., Alecian, E., Catala, C., Bagnulo, S., Böhm, T., Bouret, J.-C., Donati, J.-F., Grunhut, J., Hanes, D. A. and Landstreet, J. D., **2008**, *MNRAS*, **391**, pp. 901-914 [2008\_Folsom et al]
59. Folsom, C. P., Kochukhov, O., Wade, G. A., Silvester, J. and Bagnulo, S., **2010**, *MNRAS*, **407**, pp. 2383-2392 [2010\_Folsom et al]
60. Folsom, C. P., Likuski, K., Wade, G.A., Kochukhov, O., Alecian, E. and Shulyak, D., **2013**, *MNRAS*, **431**, pp. 1513-1527 [2013\_Folsom et al]
61. Folsom, C. P., Wade, G. A. and Johnson, N.M., **2013**, *MNRAS*, **433**, pp. 3336-3345 [2013a\_Folsom et al]
62. Fossati, L., Bagnulo, S., Monier, R., Khan, S.A., Kochukhov, O., Landstreet, J., Wade, G., and Weiss, W., **2007**, *A&A*, **476**, pp. 911-925 [2007\_Fossati et al]
63. Fossati, L., Bagnulo, S., Landstreet, J., Wade, G., Kochukhov, O., Monier, R., Weiss, W., and Gebran, M., **2008**, *A&A*, **483**, pp. 891-902 [2008a\_Fossati et al]
64. Fossati, L., Kolenberg, K., Reegen, P., and Weiss, W., **2008**, *A&A*, **485**, pp. 257-265 [2008b\_Fossati et al]
65. Fossati, L., Ryabchikova, T., Bagnulo, S., Alecian, E., Grunhut, J., Kochukhov, O., and Wade, G., **2009**, *A&A*, **503**, pp. 945-962 [2009\_Fossati et al]
66. Fossati, L., Folsom, C.P., Bagnulo, S., Grunhut, J.H., Kochukhov, O., Landstreet, J.D., Paladini, C., **2011 RAS, MNRAS**, **413**, 1132-1144 [2011\_Fossati et el]
67. Freyhammer, L.M., Elkin, V.G., Kurtz, D.W., Mathys, G. and Martinez, P., **2008**, *MNRAS*, **389**, pp. 441-460 [2008\_Freyhammer et al]

68. Gebran, M., Monier, R., and Richard, O., **2008**, *A&A*, **479**, pp. 189-206 [2008\_Gebran et al]
69. Gebran, M., Vick, M., Monier, R., and Fossati, L., **2010**, *A&A*, **523**, A71 [2010\_Gebran et al]
70. Gelbmann, M.J., **1998**, *Contrib. Astron. Obs. Skalnaté Pleso*, **27**, pp. 280-284 [1998\_Gelbmann]
71. Gelbmann, M., Ryabchikova, T., Weiss, W.W., Piskunov, N., Kupka, F., and Mathys, G., **2000**, *A&A*, **356**, pp. 200-208 [2000\_Gelbmann et al]
72. Gerbaldi, M., Floquet, M., Faraggiana, R. and van't Veer-Menneret, C., **1989**, *Astron. Astrophys. Suppl. Ser.*, **81**, pp. 127-150 [1989\_Gerbaldi et al]
73. Glagolevskii, Yu.V., Ryabchikova, T.A., and Chountonov, G.A., **2005**, *Astronomy Letters*, **31**, No. 5, pp. 327-334 [2005\_Glagolevskij et al]
74. Glagolevskij, Yu.V., Iliev, I. Kh., Stateva, I.K., and Chountonov, G.A., **2006**, *Astrophysics*, **49**, No. 4, pp. 497-505 [2006a\_Glagolevskij et al]
75. Glagolevskij, Yu.V., Shavrina, A.V., Chuntonov, G.A., and Lyashko, D.A., **2013**, *Astrophysical Bulletin*, **68**, No. 4, pp. 454-460 [2013\_Glagolevskij et al]
76. Gontcharov, G.A., **2012**, *Astronomy Letters*, **38**, Issue 12, pp. 771-782 [2012\_Gontcharov]
77. González, J. F., Hubrig, S., and Castelli, F., **2010**, *MNRAS*, **402**, pp. 2539-2547 [2010\_Gonzalez et al]
78. Hack, M., Polosukhina, N.S., Malanushenko, V.P., and Castelli, F., **1997**, *A&A*, **319**, pp. 637-647 [1997\_Hack et al]
79. Hack, M., Castelli, F., Polosukhina, N. S. and Mavanushenko, V. P., **1997**, *Astronomical & Astrophysical Transactions*, **13:4**, 283 – 294 [1997b\_Hack et al]
80. Hubrig, S., Castelli, F., and Mathys, G., **1999**, *A&A*, **341**, pp. 190-200 [1999\_Hubrig et al]
81. Hubrig, S., Castelli, F., González, J.F., Elkin, V.G., Mathys, G., Cowley, C.R., Wolff, B., and Schöller, M., **2012**, *A&A*, **542**, A31 [2012\_Hubrig et al]
82. Hui-Bon-Hoa, A. and Alecian, G., **1998**, *A&A*, **332**, pp. 224-234 [1998\_Hui-Bon-Hoa and Alecian]
83. Iliev, I.Kh., Lyubimkov, L.S., and Savanov, I.S., **1987**, *Astrophysics*, **25**, No.2, pp. 491-498. Translation [1987\_Iliev, Lyubimkov and Savanov]
84. Iliev, I.Kh., Barzova, I.S., **1994**, “*Chemically peculiar and magnetic stars*”, *Proceedings of the International Conference held in Tatranska Lomnica, Slovak Republic, September 6-10, 1993*, Tatranska Lomnica, Slovak Republic: Astronomical Institute,

*Slovak Academy of Sciences, /c1994, edited by J. Zverko, and J. Žižňovský*, pp.126-129 [1994\_Iliev and Barzova]

85. Iliev, I.Kh., Budaj, J., Feňovčík, M., Stateva, I. and Richards, M.T., **2006**, *MNRAS*, **370**, pp. 819-827 [2006\_Iliev et al]
86. Jeong, Y., Yushchenko, A.V., Doikov, D.N., Gopka, V.F., Yushchenko, V.O., **2017**, *J.Astron. Space Sci.*, **34**(2), pp. 75-82 [2017\_Jeong et al]
87. Jomaron, C.M., Dworetsky, M.M., and Allen, C.S., **1999**, *RAS, MNRAS*, **303**, 555-564 [1999\_Jomaron et al]
88. Joshi, S., Ryabchikova, T., Kochukhov, O., Sachkov, M., Tiwari, Chakradhari, N.K. and Piskunov, N., **2010**, *MNRAS*, **401**, pp. 1299-1307 [2010\_Joshi et al]
89. Kato, K.-I. and Sadakane, K., **1999**, *Publ. Astron. Soc. Japan*, **51**, pp. 23-37 [1999\_Kato and Sadakane]
90. Khokhlova, V.L., Rice, J.B. and Wehlau, W.H., **1986**, *The Astrophysical Journal*, **307**, pp. 768-776 [1986\_Khokhlova et al]
91. Kılıçoglu, T., Monier, R., Richer, J., Fossati, L., and Albayrak, B., **2016**, *The Astronomical Journal*, **151**, pp. 49-78 [2016\_Kilicoglu et al]
92. Kocer, D., Bolcal, C., Saglamasaatci, M. and Duzgelen, A., **1988**, *Astrophysics and Space Science*, **149**, pp. 273-286 [1988\_Kocer et al]
93. Kochukhov, O., **2003**, *A&A*, **404**, pp. 669-676 [2003\_Kochukhov]
94. Kochukhov, O., Piskunov, N., Sachkov, M., and Kudryavtsev, D., **2005**, *A&A*, **439**, 1093-1098 [2005\_Kochukhov et al]
95. Kochukhov, O. and Bagnulo, S., **2006**, *A&A*, **450**, pp. 763-775 [2006\_Kochukhov and Bagnulo]
96. Kochukhov, O., Tsymbal, V., Ryabchikova, T., Makaganyk, V., and Bagnulo, S., **2006**, *A&A*, **460**, pp. 831-842 [2006\_Kochukhov et al]
97. Kochukhov, O., Ryabchikova, T., Bagnulo, S., and Lo Curto, G., **2008**, *A&A*, **479**, L29-L32 [2008\_Kochukhov et al]
98. Kochukhov, O., Shulyak, D., and Ryabchikova, T., **2009**, *A&A*, **499**, pp. 851-863 [2009\_Kochukhov et al]
99. Künzli, M. and North, P., **1998**, *A&A*, **330**, pp. 651-658 [1998\_Kuenzli and North]
100. Kupka, F., Ryabchikova, T., Bolgova, G., Kuschnig, R., Weiss, W.W., Mathys, G., Le Contel, J.M., **1994**, “*Chemically peculiar and magnetic stars*”, *Proceedings of the International Conference held in Tatranska Lomnica, Slovak Republic, September 6-10, 1993, Tatranska Lomnica, Slovak Republic: Astronomical Institute, Slovak*

*Academy of Sciences, /c1994, edited by J. Zverko, and J. Žižňovský*, pp.130-136  
[1994\_Kupka et al]

101. Kupka, F., Paunzen, E., Iliev, I.Kh. and Maitzen, H.M., **2004**, *MNRAS*, **352**, pp. 863-876 [2004\_Kupka et al]
102. Kurtz, D.W., Elkin, V.G. and Mathys, G., **2007**, *MNRAS*, **380**, pp. 741-748 [2007\_Kurtz et al]
103. Kurtz, D.W., Cunha, M.S., Saio, H., Bigot, L., Balona, L.A., Elkin, V.G., Shibakashi, H., Brandão, I.M., Uytterhoeven, K., Frandsen, S., Frimann, S., Hatzes, A., Lueftinger, T., Gruberbauer, M., Kjeldsen, H., Christensen-Dalsgard, J. and Kawaler, S.D., **2011**, *MNRAS*, **414**, pp. 2550-2566 [2011\_Kurtz et al]
104. Kuznetsova, T.N., **1987**, *Sov. Astron. Lett.*, **13**(3), pp. 212-214 [1987\_Kuznetsova]
105. Landstreet, J.D., **1988**, *The Astrophysical Journal*, **326**, pp. 967-987 [1988\_Landstreet]
106. Landstreet, J.D., Kupka, F., Ford, H.A., Officer, T., Sigut, T.A.A., Silaj, J., Strasser, S., and Townshend, A., **2009**, *A&A*, **503**, pp. 973-984 [2009\_Landstreet et al]
107. Lanz, T. and Artru, M.-C., **1990**, *Proc. Int. Symp. 'Evolution in Astrophysics', Toulouse, France, 29 May – 1 June 1990, ESA SP-310*, pp. 275-278 [1990\_Lanz and Artru]
108. Lanz, T., Artru, M.-C., Didelon, P., and Mathys, G., **1993**, *A&A*, **272**, pp. 465-476 [1993\_Lanz et al]
109. LeBlanc, F., Khalack, V., Yameogo, B., Thibeault, C. and Gallant, I., **2015**, *MNRAS*, **453**, pp. 3766-3771 [2015\_LeBlanc et al]
110. Leckrone, D.S., **1981**, *The Astrophysical Journal*, **250**, pp. 687-700 [1981\_Leckrone]
111. Leckrone, D.S., Proffitt, C.R., Wahlgren, G.M., Johansson, S.G., and Brage, T., **1999**, *The Astronomical Journal*, **117**, 1454-1470 [1999\_Leckrone et al]
112. Leone, F., Catalano, F.A., Manfrè, M., **1993**, *Astron. Astrophys.*, **279**, pp. 167-172 [1993\_Leone et al]
113. Leone, F., Catalano, F.A., Manfrè, M., **1995**, *Astron. Astrophys.*, **294**, pp. 223-226 [1995\_Leone et al]
114. Leushin, V.V., Topil'skaya, G.P., Ryabchikova, T.A., and Pavlova, V.M., **1992**, *Astron. Zh.*, **69**, pp. 552-562 [1992\_Leushin et al]
115. Lüftinger, T., Fröhlich, H.-E., Weiss, W.W., Petit, P., Aurière, M., Nesvacil, N., Gruberbauer, M., Shulyak, D., Alecian, E., Baglin, A., Baudin, F., Catala, C.,

- Donati, J.-F., Kochukhov, O., Michel, E., Piskunov, N., Roudier, T., and Samadi, R., 2010, *A&A*, **509**, A43 [2010\_Lüftinger et al]
116. Magazzu, A. and Cowley, Ch.R., 1986, *The Astrophysical Journal*, **308**, pp. 254-259 [1986\_Magazzu and Cowley]
117. Makaganiuk, V., Kochukhov, O., Piskunov, N., Jeffers, S.V., Johns-Krull, Keller, C.M., Rodenhuis, M., Snik, F., Stempels, H.C., and Valenti, J.A., 2012, *A&A*, **539**, A142 [2012\_Makaganiuk et al]
118. Martinez, P., and Kurtz, D.W., Heller, C.H., 1990, *MNRAS*, **246**, pp. 699-705 [1990\_Martinez et al]
119. Matthews, J.M., Kurtz, D.W., and Martinez, P., 1999, *The Astrophysical Journal*, **511**, pp. 422-428 [1999\_Matthews et al]
120. Monier, R., and Megessier, C., 1990, *A&A*, **237**, pp. 402-408 [1990\_Monier and Megessier]
121. Monier, R., Gebran, M., Royer, F. and Griffin, E., 2014, *Proceedings of SF2A conference*, pp. 497-500 [2014\_Monier et al]
122. Monier, R., Gebran, M. and Royer, F., 2015, *A&A*, **577**, id.A96, 4 pp. [2015\_Monier et al]
123. Monier, R., Gebran, M. and Royer, F., 2016, *Astrophys. Space Sci.*, **361**, pp.139- [2016\_Monier et al]
124. Nesvacil, N., Shulyak, D., Ryabchikova, T.A., Kochukhov, O., Akberov, A., and Weiss, W., 2013, *A&A*, **552**, A28 [2013\_Nesvacil et al]
125. Netopil, M., Fossati, L., Paunzen, E., Zwintz, K., Pintado, O.I. and Bagnulo, S., 2014, *MNRAS*, **442**, pp. 3761-3768 [2014\_Netopil et al]
126. Netopil, M., Paunzen, E., Hümmerich, S., Bernhard, K., 2017, *MNRAS*, **468**, Issue 3, pp. 2745-2756 [2017\_Netopil et al]
127. Neuteufel, R., Weiss, W., and Handler, G., 2013, *Astron. Nachr.*, **334**, No. 7, pp. 638-647 [2013\_Neuteufel et al]
128. Nielsen, K. and Wahlgren, G.M., 2000, *A&A*, **356**, pp. 146-156 [2000\_Nielsen and Wahlgren]
129. Niemczura, E., Morel, T., and Aerts, C., 2009, *A&A*, **506**, pp. 213-233 [2009\_Niemczura et al]
130. Niemczura, E., Murphy, S.J., Smalley, B., Uytterhoeven, K., Pigulski, A., Lehmann, H., Bowman, D.M., Catanzaro, G., van Aarle, E., Bloemen, S., Briquet, M., De Cat, P., Drobek, D., Eyer, L., Gameiro, J.F.S., Gorlova, N., Kamiński, K., Lampens,

- P., Marcos-Arenal, P., Pápics, P.I., Vandenbussche, B., Van Winckel, H., Steślicki, M. and Fagas, M., **2015**, *MNRAS*, **450**, pp. 2764-2783 [2015\_Niemczura et al]
131. Niemczura, E., Polińska, M., Murphy, S.J., Smalley, B., Kolaczkowski, Z., Jessen-Hansen, J., Uytterhoeven, K., Lykke, J.M., Triviño Hage, A., Michalska, G., **2017**, *MNRAS*, **470**, Issue 3, pp. 2870-2889 [2017\_Niemczura et al]
132. Nishimura, M., Sadakane, K., Kato, K., Takeda, Y., and Mathys, G., **2004**, *A&A*, **420**, pp. 673-681 [2004\_Nishimura et al]
133. Pintado, O.I., and Adelman, S. J., **1996**, *A&A*, **118**, pp. 283-291 [1996\_Pintado and Adelman]
134. Polosukhina, N., Shavrina, A., Drake, N.A., Tsymbal, V., Hack, M., North, P., Khalack, V., Zverko, J., Žižňovský, J. and Pavlenko, Ya., **2004**, “*The A-star Puzzle*” *Proceedings IAU Symposium No. 224*; Editors: J. Zverko, J. Žižňovský, S.J. Adelman & W.W. Weiss, pp. 665-672 [2004\_Polosukhina et al]
135. Prieto, Allende C., and Lambert, D.L., **1999**, *A&A*, **352**, pp. 555-562 [1999\_Prieto and Lambert]
136. Przybilla, N., Butler, K., Recker, S.R., Kudritzki, R.P., and Venn, K.A., **2000**, *Astron. Astrophys.*, **359**, pp. 1085-1106 [2000\_Przybilla et al]
137. Rice, J.B. and Wehlau, W.H., **1991**, *A&A*, **246**, pp. 195-198 [1991\_Rice and Wehlau]
138. Rice, J., Wehlau, W., **1994**, *Publications of the Astronomical Society of the Pacific*, **106**, pp. 134-137 [1994\_Rice and Wehlau]
139. Roby, S.W., Leckrone, D.S., and Adelman, S.J., **1999**, *The Astrophysical Journal*, **524**, 974-982 [1999\_Roby et al]
140. Romanyuk, I.I., Kudryavtsev, D.O., Semenko, E.A., and Moiseeva, A.V., **2016**, *Astrophysical Bulletin*, **71**, No. 4, pp. 447-452 [2016\_Romanyuk et al]
141. Rusomarov, N., Kochukhov, O., Ryabchikova, T., and Ilyin, I., **2016**, *A&A*, **588**, A138 [2016\_Rusomarov et al]
142. Ryabchikova, T.A. and Ptitsyn, D.A., “*Upper main sequence stars with anomalous abundances*”; *Proceedings of the Ninetieth Colloquium, Nauchny, Ukrainian SSR, May 13-19, 1985 (A87-30326 12-90)*. Dordrecht, D. Reidel Publishing Co., **1986**, p. 319-322 [1986\_Ryabchikova and Ptitsyn]
143. Ryabchikova, T.A., Zakharova, L.A., and Adelman, S.J., **1996** *RAS, MNRAS*, **283**, 1115-1132 [1996\_Ryabchikova et al]
144. Ryabchikova, T.A., Adelman, S.J., Weiss, W.W., and Kuschnig, R., **1997**, *A&A*, **322**, pp. 234-241 [1997a\_Ryabchikova et al]

145. Ryabchikova, T.A., Landstreet, J.D., Gelbmann, M.J., Bolgova, G.T., Tsymbal, V.V., and Weiss, W.W., **1997**, *A&A*, **327**, pp. 1137-1146 [1997\_Ryabchikova et al]
146. Ryabchikova, T., **1998**, *Contrib. Astron. Obs. Skalnaté Pleso*, **27**, 319-323 [1998\_Ryabchikova]
147. Ryabchikova, T.A., Malanushenko, V., and Adelman, S.J., **1999**, *A&A*, **351**, pp. 963-972 [1999\_Ryabchikova et al]
148. Ryabchikova, T.A., Piskunov, N., Savanov, I., Kupka, F., and Malanushenko, V., **1999**, *A&A*, **343**, pp. 229-236 [1999a\_Ryabchikova et al]
149. Ryabchikova, T.A., Savanov, I.S., Hatzes, A.P., Weiss, W.W., and Handler, G., **2000**, *A&A*, **357**, pp. 981-987 [2000\_Ryabchikova et al]
150. Ryabchikova, T.A., Savanov, I.S., Malanushenko, V.P., and Kudryavtsev, D.O., **2001**, *Astronomy Reports*, **45**, No. 5, pp. 382-388 [2001\_Ryabchikova et al]
151. Ryabchikova, T., Nesvacil, N., Weiss, W. W., Kochukhov, O., and Stütz, Ch. **2004**, *A&A*, **423**, pp. 705-715 [2004a\_Ryabchikova et al]
152. Ryabchikova, T., Leone, F., and Kochukhov, O., **2005**, *A&A*, **438**, pp. 973-985 [2005\_Ryabchikova et al]
153. Ryabchikova, T., Kochukhov, O., Kudryavtsev, D., Romanyuk, I., Semenko, E., Bagnulo, S., Lo Curto, G., North, P., and Sachkov, M., **2006**, *A&A*, **445**, L47-L50 [2006\_Ryabchikova et al]
154. Ryabchikova, T., Ryabtsev, A., Kochukhov, O., and Bagnulo, S., **2006**, *A&A*, **456**, pp. 329-338 [2006a\_Ryabchikova et al]
155. Ryabchikova, T., Kochukhov, O., and Bagnulo, S., **2008**, *A&A*, **480**, pp. 811-823 [2008\_Ryabchikova et al]
156. Ryabchikova, T.A. and Romanovskaya, A.M., **2017**, *Astronomy Letters*, **43**, No. 4, pp. 252-264 [2017\_Ryabchikova and Romanovskaya]
157. Sadakane, K., Takada, M. and Jugaku, J., **1983**, *The Astrophysical Journal*, **274**, pp. 261-269 [1983\_Sadakane et al]
158. Sadakane, K. and Okyudo, M., **1989**, *Publ. Astron. Soc. Japan*, **41**, pp. 1055-1065 [1989\_Sadakane and Okyudo]
159. Saffe, C., Núñez, N., and Levato, H., **2011**, *Revista Mexicana de Astronomía y Astrofísica*, **47**, 219-234 [2011\_Saffe et al]
160. Savanov, I.S. and Kochukhov, O. P., **1998**, *Astronomy Letters*, **24**, No. 4, pp. 516-527 [1998\_Savanov and Kochukhov]
161. Savanov, I., and Hubrig, S., **2003**, *A&A*, **410**, 299-305 [2003\_Savanov and Hubrig]

162. Semenko, E. A., Sachkov, M.E., Ryabchikova, T.A., Kudryavtsev, D.O., and Piskunov, N.E., **2008**, *Astronomy Letters*, **34**, No. 6, pp. 413-422 [2008\_Semenko et al]
163. Semenko, E. A., Yakunin, I. A., and Kuchaeva, E. Yu., **2011**, *Astronomy Letters*, **37**, Issue 1, pp. 20-29 [2011\_Semenko et al]
164. Shavrina, A.V., Polosukhina, N.S., Zverko, J., Mashonkina, L.I., Khalack, V., Žižňovský, J., Hack, M., Tsymbal, V., North, P., and Vygonec, V.V., **2001**, *A&A*, **372**, pp. 571-578 [2001\_Shavrina et al]
165. Shavrina, A., Polosukhina, N., Khan, S., Pavlenko, Ya., Khalack, V., Wade, G.A., Quinet, P., Mikhailitska, N., Yushchenko, A., Gopka, V., Hatzes, A., Mkrtichian, D. and Veles, A., **2004**, *Proceedings of IAU Symposium No 224 "The A-Star Puzzle"; Edited by Zverko, J., Žižňovsky, J., Adelman, S.J., Weiss, W.W.m*, pp. 711-715 [2004\_Shavrina et al]
166. Shavrina, A., Khalack, V., Glagolevskij, Y., Lyashko, D., Landstreet, J., Leone, F., Polosukhina, N.S., Giarrusso, M., **2013**, *Odessa Astronomical Publications*, **26/1**, pp. 112-114 [2013\_Shavrina et al]
167. Shavrina, A., Polosukhina, N.S., Drake, N.A., Kudryavtsev, D.O., Gopka, V.F., Yushchenko, V.A., Yushchenko, A.V., **2013**, *ARXIV* [2013a\_Shavrina et al]
168. Shulyak, D., Kochukhov, O., and Khan, S., **2008**, *A&A*, **487**, pp. 689-696 [2008\_Shulyak et al]
169. Shulyak, D., Ryabchikova, T., Mashonkina, L., and Kochukhov, O., **2009**, *A&A*, **499**, 879-890 [2009\_Shulyak et al]
170. Shulyak, D., Ryabchikova, T., Kildiyarova, R., and Kochukhov, O., **2010**, *A&A*, **520**, A88 [2010\_Shulyak et al]
171. Shulyak, D., Kochukhov, O., Valyavin, G., Lee, B.-C., Galazutolinov, G., Kim, K.-M., Han, I., and Burlakova, T., **2010**, *A&A*, **509**, A28 [2010a\_Shulyak et al]
172. Smalley, B., Niemczura, E., Murphy, S.J., Lehmann, H., Kurtz, D.W., Holdsworth, D.L., Cunha, M.S., Balona, L.A., Briquet, M., Bruntt, H., De Cat, P., Lampens, P., Thygesen, A.O. and Uytterhoeven, K., **2015**, *MNRAS*, **452**, pp. 3334-3345 [2015\_Smalley et al]
173. Smith, K.C., **1993**, *A&A*, **276**, 393-408 [1993\_Smith]
174. Smith, K.C., and Dworetsky, M.M., **1993**, *A&A*, **274**, 335-355 [1993\_Smith and Dworetsky]
175. Smith, K.C., **1994**, *A&A*, **291**, 521-534 [1994\_Smith]
176. Smith, K.C., **1996**, *Ap&SS*, **237**, 77-105 [1996\_Smith]
177. Smith, K.C., **1996**, *Astron. Astrophys.*, **305**, pp. 902-910 [1996a\_Smith et al]

178. Smith, K.C., 1997, *A&A*, **319**, 928-947 [1997\_Smith]
179. Stateva, I., Iliev, I.Kh. and Budaj, J., 2012, *MNRAS*, **420**, pp. 1207-1216 [2012\_Stateva et al]
180. Strasser, S., Landstreet, J.D., and Mathys, G., 2001, *A&A*, **378**, pp. 153-164 [2001\_Strasser et al]
181. Su, K.Y.L., Rieke, G.H., Stansberry, J.A., Bryden, G., Stapelfeldt, K.R., Trilling, D.E., Muzerolle, J., Beichman, C.A., Moro-Martin, A., Hines, D.C., and Werner, M.W., 2006, *The Astrophysical Journal*, **653**, pp. 675-689 [2006\_Su et al]
182. Takada-Hidai, M., Sadakane, K. and Jugaku, J., 1986, *The Astrophysical Journal*, **304**, pp. 425-435 [1986\_Takada-Hidai et al]
183. Takada-Hidai, M., and Takeda, Y., 1996, *Publ. Astron. Soc. Japan*, **48**, pp. 739-752, [1996\_Takada-Hidai and Takeda]
184. Tetzlaff, N., Neuhäuser, R., Hohle, M.M., 2011, *MNRAS*, **410**, Issue 1, pp. 190-200 [2011\_Tetzlaff et al]
185. Titarenko, A.R., Semenko, E.A., and Ryabchikova, T.A., 2012, *Astronomy Letters*, **38**, No. 11, pp. 721-730 [2012\_Titarenko et al]
186. Tkachenko, A., Lehmann, H., Smalley, B., and Uytterhoeven, K., 2013, *MNRAS*, **431**, Issue 4, pp. 3685-3696 [2013\_Tkachenko et al]
187. Usenko, I.A., Kovtyukh, V.V., Klochkova, V.G., and Panchuk, V.E., 2001, *A&A*, **376**, pp. 885-891 [2001\_Usenko et al]
188. Van't Veer-Menneret, C., Faraggiana, R., Gerbaldi, M., Castelli, F., Burkhardt, C., and Floquet, M., 1989, *A&A*, **224**, pp. 171-178 [1989\_Van't Veer-Menneret et al]
189. Varenne, O., 1999, *A&A*, **341**, pp. 233-240 [1999\_Varenne]
190. Varenne, O. and Monier, R., 1999, *A&A*, **351**, pp. 247-266 [1999\_Varenne and Monier]
191. Wahlgren, G.M., Leckrone, D.S., Brage, T., Proffitt, C.R., 1998, *ASP Conference Series*, **143**, 330-331 [1998\_Wahlgren et al]
192. Wahlgren, G.M., and Hubrig, S., 2000, *Astron. Astrophys.*, **362**, pp. L13 – L16 [2000\_Wahlgren and Hubrig]
193. Wahlgren., G.M., Dolk, L., Kalus, G., Johansson, S., Litzén, U., and Leckrone, D.S., 2000, *The Astrophysical Journal*, **539**, 908-927 [2000\_Wahlgren et al]
194. Wegner, G., 1981, *The Astrophysical Journal*, **247**, pp. 969-974 [1981\_Wegner]
195. Weiss, W.W., Ryabchikova, T.A., Kupka, F., Leuftinger, T.R., Savanov, I.S., Malanushenko, V.P., 2000, “*The Impact of Large-Scale Surveys on Pulsating Star Research*”, *ASP Conference Series*, **203**, pp. 487-488 [2000\_Weiss et al]

196. Woolf, V.M., and Lambert, D.L., **1999**, *The Astrophysical Journal*, **520**, L55-L58 [1999\_Woolf and Lambert]
197. Woolf, V.M., and Lambert, D.L., **1999a**, *The Astrophysical Journal*, **521**, 414-431 [1999a\_Woolf and Lambert]
198. Yuce, K., Castelli, F. and Hubrig, S., **2011**, *A&A*, **528**, idA37, 16 pp. [2011\_Yuce et al]
199. Yushchenko, A.V., Gopka, V.F., Khokhlova, V.L., Musaev, F.A., and Bikmaev, I.F., **1999**, *Astronomy Letters*, **25**, No. 7, pp. 453-466 [1999\_Yushchenko et al]
200. Yushchenko, A.V., Gopka, V.F., Khokhlova, V.L., Lambert, D.L., Kim, C., and Kang, Y.W., **2004**, *A&A*, **425**, pp. 171-177 [2004\_Yushchenko et al]
201. Zavala, R.T., Adelman, S.J., Hummel, C.A., Gulliver, A.F., Caliskan, H., Armstrong, J.T., Hutter, D.J., Johnsson, K.J., and Pauls, T.A., **2007**, *The Astrophysical Journal*, **655**, 1046-1057 [2007\_Zavala et al]
202. Žižňovský, J., **1980**, *Bull. Astron. Inst. Czechosl.*, **31**, No. 5, pp. 300-302 [1980\_Ziznovsky]
203. Zorec, J. and Royer, F., **2012**, *A&A*, **537**, id. A120, 22 pp. [2012\_Zorec and Royer]
204. Zverko, J., Zboril, M., Žižňovský, J., Hric, L., **1990**, *Bull. Astron. Inst. Czechosl.*, **41**, pp. 345-354 [1990\_Zverko et al]