

Полный список трудов н.с. Краснопресненской лаб. И.В. Мироновой за
1981-2012 гг.

1. *Аюков С.В., Батурина В.А., Горшков А.Б., Миронова И. В.*
Современное состояние расчетов эволюционной модели Солнца. "Активность звёзд и Солнца на разных стадиях их эволюции" Рабочее совещение-дискуссия Москва. 17-18 декабря 2010; Санкт-Петербург, 2010. стр. 39-48
2. Baturin, Vladimir A. & Mironova, Irina V. 2010, **Astrophysics and Space Science**, Volume 328, Issue 1-2, pp. 265-268 [Smooth models of overshooting at the base of the solar convective zone](#)
3. □ *Батурина В.А., Миронова И.В., Сурдин В.Г*
Физика и эволюция звезд. Астрономия: век XXI . Редактор-составитель В.Г.Сурдин. Фрязино:"Век 2". 2007
4. Kononovich, E. V. & Mironova, I. V. 2006, IAU Special Session Innovation in Teaching/Learning Astronomy Methods, 26th meeting of the IAU, Special Session 2, 17-18 August, 2006 in Prague, Czech Republic, SPS2, #34 [Stellar evolution for students of the Moscow University](#)
5. Kononovich, E. V. & Mironova, I. V. 2006, Astronomical and Astrophysical Transactions vol. 25, Issue 4, p.341-345 [The Wolf number and total solar irradiance variations during 21 23 solar cycles](#)
6. Baturin, V. A. & Mironova, I. V. 2006, **Astronomy Letters** vol. 32, Issue 2, p.128-137 [Low-degree solar oscillation spectrum with wavelet decomposition](#)
7. Кононович Э.В., Миронова И.В., Батурина В.А.
Частотно-временной анализ рядов солнечной активности. Электронный журнал "Исследовано в России", 182, 1704-1715, 2006.
8. Кононович Э.В. Миронова И.В.
Астрофизический практикум «Внутреннее строение звезд и звездная эволюция». Материалы IV Всеросийской научно-практической конференции «Современная астрономия и методика ее преподавания» Санкт-Петербург 2004 г. с.62-66.
9. Кононович Э.В. Миронова И.В. . Расчет стандартной модели Солнца в астрофизическом практикуме для студентов старших курсов астрономического отделения МГУ. Электронный журнал "Исследовано в России", 167, 1798-1807, 2004
<http://zhurnal.gpi.ru/articles/2004/167.pdf>
10. Ayukov, S. V., Baturin, V. A., & Mironova, I. V. 1999, Magnetic Fields and Solar Processes. The 9th European Meeting on Solar Physics, held 12-18 September, 1999, in Florence, Italy. Edited by A. Wilson. European Space Agency, ESA SP-448, 1999. ISBN: 92-9092-792-5., p.53 [Helium Diffusion Effects in Solar p-mode Spectrum](#)
11. Baturin, V.A., Mironova, I.V., "Turbulent convection and p-mode oscillations". in Proc. SOHO6/GONG98 Workshop. "The Structure and Dynamics of the Interior of the Sun and Sun-like Stars." Eds. S.G.Korzennik and A.Wilson, ESA SP-418, ESA Publications Division, Noordwijk, The Netherlands, 1998, p. 717-720.
12. Mironova, I.V., Baturin, V.A, "Testing models of solar convection zone by helioseismic methods", in "Sounding Solar and Stellar Interior", IAU Symposium 181, Poster Volume, Eds. J. Provost, F.-X.Schmider, Observatoire de la Cote d'Azur & Universite de Nice, 1998, p. 107-108.
13. Baturin, V. A. & Mironova, I. V. 1998, New Eyes to See Inside the Sun and Stars International Astronomical Union. Symposium no. 185. New Eyes to See Inside the Sun and Stars, edited by Franz-Ludwig Deubner, Joergen Christensen-Dalsgaard,

- and Don Kurtz. Kyoto, Japan, 18-22 August, 1997, p. 85.[The convective zone and oscillations](#)
14. Mironova, I. V. 1996, Radiophysics and Quantum Electronics Volume 39, Issue 10, pp.799-802 [The influence of convection theories on the solar envelope structure and five-minute oscillation spectrum of the sun](#)
15. Baturin, V. A. & Mironova, I. V. 1995, **Astronomy Reports** Volume 39, Issue 1, January 1995, pp.105-114 [The method of acoustic potential for the analysis of oscillating solar models with revised convection theory](#)
16. Baturin, V. A., Kononovich, E. V., & Mironova, I. V. 1995, Bulletin Crimean Astrophysical Observatory Vol. 92, p.92[Acoustic oscillations of the envelopes of the Sun](#)
17. Baturin, V. A., Kononovich, E. V., & Mironova, I. V. 1991, **Solar Physics**, vol. 133, May 1991, p. 141-147 [Solar convective zone and acoustic oscillations](#)
18. Baturin, V. A. & Mironova, I. V. 1990, Pis'ma Astronomicheskii Zhurnal [The possibility of determining helium abundance from helioseismological data](#)
19. Kononovich, E. V., Mironova, I. V., & Serebryakov, B. E. 1986, **Pis'ma Astronomicheskii Zhurnal** vol. 12, May 1986, p. 393-397) Soviet Astronomy Letters (ISSN 0360-0327), vol. 12, May-June 1986, p. 164-166[Heating of faculae by electric currents](#)
20. Mironova, I. V. 1986, Solnechnye Dann. Bull. Akad. Nauk SSSR No. 1986/6, p. 78 – 84 [The role of faculae in solar irradiance variations.](#)
21. Mironova, I. V. & Serebryakov, B. E. 1NO.1362/JAN28, 1985, Astronomicheskij Tsirkulyar [The Model of the Solar Chromospheric Facula with the Source of Heating](#)
22. Kononovich, Eh. V., Makarova, E. A., Mironova, I. V., & Smirnova, O. B. 1984, Astronomicheskij Tsirkulyar [Characteristics of the astroclimate of the two high-altitude expeditions of the Sternberg Institute at Tien Shan and Mt. Majdanak.](#)
23. Kononovich, E. V., Makarova, E. A., Mironova, I. V., & Smirnova, O. B. 1984, Astronomicheskij Tsirkulyar No. 1345, p. 3 – 7 [Solar Seeing at Two Mountain Sites](#)
24. Mironova, I. V. 1984, Astronomicheskij Tsirkulyar NO.1331/JUN11 [The Restoration of the Solar Faculae Contrast](#)
25. Kononovich, E. V., Mironova, I. V., & Serebrjakov, B. E. 1984, Solnechnye Dann. Bull. Akad. Nauk SSSR NO.12, P. 49 [On the Solar Faculae Heating Mechanism](#)
26. Mironova, I. V. 1983, Astronomicheskij Tsirkulyar NO.1290 [Solar Faculae Observations with an Opton Coude Refractor](#)
27. Kononovich, E. V. & Mironova, I. V. 1982, (**Pis'ma v Astronomicheskii Zhurnal**, vol. 8, Dec. 1982, p. 740-742) Soviet Astronomy Letters (ISSN 0360-0327), vol. 8, Nov.-Dec. 1982, p. 398-400 [The influence of faculae on solar flux variations](#)
28. Kononovich, E. V., Mironova, I. V., & Startzev, S. V. NO.1248 1982, Astronomicheskij Tsirkulyar [On Solar Activity Dependence of the Solar Constant](#)
29. Bocharova, N. Yu., Burov, V. A., Ivanov-Kholodnyj, G. S., Mironova, I. V., & Nusinov, A. A. 1981, Solnechnye Dann. Bull. Akad. Nauk SSSR No. 1981/10, p. 111 – 115 [On the development of calcium plage areas.](#)