

Списък на цитати
на публикациите на Д.Кирилова

1. Dolgov A., Kirilova D., Nonequilibrium Decays of Light Particles and Primordial Nucleosynthesis, Int.J.Mod.Phys.A3, p.267, 1988

цитирана от:

- Aaron C. Vincent, Enrique F. Martinez, Pilar Hernández M. Lattanzi, Olga Mena JCAP 1504 (2015) 04, 006
- Ruchayskiy, O., A. Ivashko, JCAP 2012 (10), 014
- Maxim Khlopov, Fundamentals of Cosmic Particle Physics, Cambridge, UK: Cambridge International Science Publishing, 2012, ISBN: 9781907343483
- Rehm J., Raffelt G., Weiss A., A&A 327, p.443, 1997
- Rothstein I., Proc. PASCOS/HOPKINS 1995 Int. Symposium, Baltimore, 1995, 0031-42; hep-ph/9506443
- Foot R., Volkas R., Phys. Rev. D52, p.6595, 1995; hep-ph/9505359
- Dodelson S., Gyuk G., Turner M., Phys.Rev.Lett.72, p.3754, 1994 astro-ph/9402028
- Kawasaki M. et al., Nucl.Phys.B419, p.105, 1994
- P. Lipari, 1993. Prepared for 23rd International Conference on Cosmic Rays (ICRC 23), Calgary, Canada, 19-30 Jul 1993. In *Calgary 1993, Cosmic ray* 401-435.
- R.A. Malaney, G.J. Mathews Phys.Rept.229:145-219, 1993.
- Akhmedov E. et al., Phys.Lett.B300, p.128, 1993; hep-ph/9211320
- Akhmedov E. et al., Phys.Lett.B298, p.391, 1993; hep-ph/9209206
- Akhmedov E. et al., Phys.Rev.D47, p.3245, 1993; hep-ph/9208230
- Malaney R. et al., Phys.Reports 229, p.145, 1993
- Hime A., Phys.Lett.B260, p.381, 1991

2. Kirilova D., Neutrino oscillations and primordial nucleosynthesis, Preprint JINR E2-88-301, Dubna, 1988 *цитирана от:*

- M. Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.
- M. Panayotova, General BBN Bounds on Electron-Sterile Neutrino Oscillations, Bulg. J. Phys. 38 (2011) 341–345
- Barbieri R. et al., Phys.Lett.B237, p.440, 1990

3. Долгов А., Кирилова Д., О температуре испарения бозонного конденсата и барионной асимметрии Вселенной в модели Афлека-Дайна, Я.Ф. 50, с.1621, 1989

- Jun'ichi Yokoyama, Fate of oscillating scalar fields in the thermal bath and their cosmological implications. Phys.Rev.D70:103511, 2004; hep-ph/0406072
- K. Enqvist, A. Mazumdar, Cosmological consequences of MSSM flat directions. Phys.Rept.380:99-234, 2003, e-Print: hep-ph/0209244

- Dine M., Randall L., Thomas S., Nucl.Phys B458, p.291,1996; hep-ph/9507453
- Olive K.,UMN-TH-1319-94, 1994; Proc. Joint U.S.-Polish Workshop
Physics from Plank Scale to Electro-Weak Scale, Warsaw, 1994, p.142; hep-ph/9503342
- Olive K., UMN-TH-1249-94,1994; Lectures at 33 Int. Univ.School of
Nuclear and Particle Physics: Matter under Extreme Conditions,
Schladming, Austria, 1994; hep-ph/9404352
- Davidson S. et al., Phys.Lett.B328, p.354, 1994, hep-ph/9403259
- Yokoyama J., Astropart. Phys.2, p.291, 1994
- Olive K., in HEP and Cosmology, Trieste, 1990, p.421

4. Dolgov A., Kirilova D., On Particle Creation by a Time-Dependent Scalar Field, Preprint JINR E2-89-321, Dubna, 1989

- Traschen J. and Brandenberger R., Phys.Rev.D42, p.2491, 1990

5. Долгов А., Кирилова Д., О рождении частиц переменным скалярным полем, Я.Ф. 51, с.273, 1990; Sov. J. Nucl. Phys. 51 (1990) 172, 103

- D. Boyanovsky, An effective field theory during inflation: reduced density matrix and its
quantum master equation, arXiv:1506.07395
- Leptogenesis Via Neutrino Production During Higgs Relaxation
- Lauren Pearce , Louis Yang, Alexander Kusenko, Marco Peloso,Leptogenesis Via Neutrino
Production
During Higgs Relaxation, arXiv:1505.02461
- Hossein Bazrafshan Moghaddam, Robert Brandenberger, A First Look at Preheating after Axion
Monodromy Inflation, arXiv:1502.06135
- Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe,
PhD thesis, 2014.
- Mustafa A. Amin, Mark P. Hertzberg, David I. Kaiser, Johanna Karouby, Nonperturbative
Dynamics Of Reheating After Inflation: A Review, Int.J.Mod.Phys. D24 (2014) 01, 1530003;
arXiv:1410.3808
- Wade Naylor, Simulating (p)reheating after inflation via the DCE?, arXiv:1409.5454
- Hossein Bazrafshan Moghaddam, Robert H. Brandenberger, Yi-Fu Cai, Elisa G. M.
- Ferreira, Parametric Resonance of Entropy Perturbations in Massless Preheating, 2014,
arXiv:1409.1784
- Robert H. Brandenberger, Partial Differential Equations with Random Noise in Inflationary
Cosmology
arXiv:1407.4775
- Jerome Quintin, Yi-Fu Cai, Robert H. Brandenberger, Phys.Rev. D90 (2014) 063507
- Naoyuki Takeda , Yuki Watanabe, No quasi-stable scalaron lump forms after R2 inflation
Phys.Rev. D90 (2014) 023519
- Diana Battefeld, Thorsten Battefeld, Daniel Fiene-,Phys.Rev. D89 (2014) 123523
- Yi Wang, Inflation, Cosmic Perturbations and Non-Gaussianities
Commun.Theor.Phys. 62 (2014) 109-166
- Max Chaves, arXiv:1309.4436 Dark matter and dark energy from pockets of gravity created by
quantum tunneling of the inflaton potential
- D Battefeld, T Battefeld, D Fiene - arXiv preprint arXiv:1309.4082, 2013 Particle Production
during Inflation in Light of PLANCK
- Jochen Peter Baumann (Munich. U.).PhD Thesis, 2012, 211 pages
Early universe cosmology in supersymmetric extensions of the standard model
- A.V. Grobov, S.G. Rubin, Phys.Lett. B726 (2013) 554-558, --Shuang-Yong Zhou,et al., JHEP

- Shuang-Yong Zhou, E. J. Copeland, R. Easther, H. Finkel, Zong-Gang Mou, P. M. Saffin, JHEP 1310 (2013) 026, Gravitational Waves from Oscillon Preheating nflation, Cosmic Perturbations and Non-Gaussianities
- Thorsten Battefeld, et al., JCAP 1211 (2012) 062
- Godfrey Leung et al., JCAP 1209 (2012) 008
- Roberto Auzzi, et al., JHEP 1208 (2012) 035
- Luca Visinelli Axions in Cold Dark Matter and Inflation Models. Nov 2011. 149 pp. e-Print: arXiv:1111.5281 , PhD Utah U. (2011)
- Luis Alvarez-Gaume , Cesar Gomez, Raul Jimenez , JCAP 1203 (2012) 017
- Daniel J.H. Chung, et al., Phys.Lett. B712 (2012) 147-154
- Sayantan Choudhury, Nucl.Phys. B857 (2012) 85-100
- Robert H. Brandenberger, in 4th International Conference on Fundamental Interactions (ICFI 2010), Viosa, Brazil, 1-7 Aug 2010. Published in PoS ICFI2010 (2010) 001
- E. Bugaev, P. Klimai, Curvature perturbation spectra from waterfall transition, black hole constraints and non-Gaussianity. JCAP 1111:028,2011,
- Anupam Mazumdar The origin of dark matter, matter-anti-matter asymmetry, and inflation 2011. 51 pp. e-Print: arXiv:1106.5408 18.
- A. Mazumdar, J. Rocher, Phys.Rept.497:85-215,2011.
- D. Battefeld, T. Battefeld, Ch.Byrnes, D. Langlois, JCAP 1108:025,2011
- L.Perreault, R.Brandenberger, A.Davis, Phys.Rev.D84:103512,2011
- J. Karouby, B. Underwood, A. Vincent, Phys.Rev.D84:043528, 2011.
- Maria Nicassio (INFN, Bari & Bari U.) Study of global observables in p-p and A-A collisions with ALICE at LHC 2010. 198 pp. CERN-THESIS-2008-258
- 22.A. Kandus, K. Kunze, Ch.Tsagas, Primordial magnetogenesis. Phys.Rept.505:1-58,2011.
- R. Jain, P. Chingangbam, L. Sriramkumar, Nucl.Phys.B852:366-389,2011
- Andrei V. Frolov, Class.Quant.Grav.27:124006,2010.
- Takehiko Asaka, Hiroaki Nagao, Prog.Theor.Phys. 124 (2010) 293-314
- Laurence Perreault Levasseur et al., Phys.Rev. D82 (2010) 123524
- Robert H. Brandenberger, Cosmology of the Very Early Universe. AIP Conf.Proc. 1268 (2010) 3-70
- Rouzbeh Allahverdi, et al, Ann.Rev.Nucl.Part.Sci. 60 (2010) 27-51
- Luca Visinelli, Paolo Gondolo, Phys.Rev.D81:063508,2010.
- Matti Herranen, Quantum kinetic theory with nonlocal coherence (Jyvaskyla U.). Jun 2009. 90 pp. RESEARCH-REPORT-UNIV.-OF-JYVASKYLA, arXiv:0906.3136
- David Langlois, Lorenzo Sorbo, JCAP 0908:014,2009, arXiv:0906.1813
- -D. Battefeld, Th. Battefeld, John T. Giblin, Phys.Rev.D79:123510,2009
- Rajeev Kumar Jain, Pravabati Chingangbam, L. Sriramkumar, Nucl.Phys. B852 (2011) 366-389; rXiv:0902.1067
- D. Green, B. Horn , L.Senatore, Trapped Inflation, Phys.Rev. D80 (2009) 063533; arXiv:0902.1006 [hep-th]
- Raghavan Rangarajan, Narendra Sahu, Perturbative Reheating and Gravitino Production in Inflationary Models, Phys.Rev. D79 (2009) 103534
- Matthew G. Sexton . Jan 2009. arXiv:0901.3164 [hep-ph]
- S.D. Campos Nov 2008. 7pp. arXiv:0811.0767 [gr-qc]
- Andrei V. Frolov JCAP 0811:009,2008.
- T. Charters , A. Nunes, J.P. Mimoso, Jul 2008. Phys.Rev.D78:083539,2008.

- Andrew R. Liddle, Cedric Pahud, L.Arturo Urena-Lopez Phys.Rev.D77:121301,2008.
- Diana Battefeld, Shinsuke Kawai Phys.Rev.D77:123507,2008,
- Ali Kaya, Class.Quant.Grav.26:045017,2009
- Robert H. Brandenberger, Keshav Dasgupta , Anne-Christine Davis
Phys.Rev.D78:083502,2008
- Paul R. Anderson, Carmen Molina-Paris , David Evanich, Gregory B. Cook .
Phys.Rev.D78:083514,2008
- Robert H. Brandenberger, Andrew R. Frey , Larissa C. Lorenz .2007 arXiv:0712.2178 [hep-th]
- Gert Aarts , Anders Tranberg Dec 2007. 26pp. Phys.Rev.D77:123521,2008.
- Seoktae Koh, Robert H. Brandenberger. JCAP 0711:013,2007. arXiv:0708.1014
- Cristian Armendariz-Picon, Mark Trodden, Eric J. West JCAP 0804:036,2008 -- Cosimo
Bambi, F.R. Urban, Phys.Rev.Lett.99:191302,2007
- R. Casadio, P.L. Iafelice, G.P. Vacca, Nucl.Phys.B783:1-30,2007
- Cosimo Bambi, A.D. Dolgov, K. Frees, JCAP 0704:005,2007.hep-ph/0612018
- T. Suyama, T. Tanaka, Bruce Bassett, H. Kudoh, JCAP 0604:001,2006.
- Bruce A. Bassett , Shinji Tsujikawa , David Wands, Rev.Mod.Phys.78:537-589,2006
- Sergio D. Campos, A. Maia, Jr. Jun 2005. astro-ph/0506714
- Rouzbeh Allahverdi, Anupam Mazumdar NORDITA-2005-31, TRI-PP-05-10, May 2005, e-
Print: hep-ph/0505050
- T. Charters, A. Nunes, J.P. Mimoso .Phys.Rev.D71:083515,2005
- Andrew Pawl, Phys.Lett.B581:231-235,2004. hep-ph/0411363
- D. Alves, G. Kremer, JCAP 0410:009,2004;astro-ph/0410113
- R.Allahverdi,R.Brandenberger,A.Mazumdar,Phys.Rev.D70:083535,2004.
hep-ph/0407230
- J. Yokoyama,Phys.Rev.D70:103511,2004; hep-ph/0406072
- M. Bastero-Gil,V. DiClemente,S.King,Phys.Rev.D70:023501,2004; hep-ph/0311237
- M. Broadhead, J. McDonald,Phys.Rev.D68:083502,2003; hep-ph/0305298
- M. Postma, A. Mazumdar, JCAP 0401:005,2004; hep-ph/0304246.
- T. Tanaka, B. Bassett, proc. of 12th Workshop on General Relativity and Gravitation (JGRG
12), Tokyo, Japan, 25-28 Nov 2002; astro-ph/0302544
- S. Sengupta, F.C. Khanna, S. Kim, Phys.Rev.D68:105014,2003; hep-ph/0301071 ---Kari
Enqvist, Anupam Mazumdar, Phys.Rept. 380 (2003) 99-234
- P. Jaikumar, A. Mazumdar, Nucl.Phys.B683:264-276,2004, hep-ph/0212265
- M. Bastero-Gil, V. Di Clemente, Phys.Rev.D67:103516,2003 hep-ph/0211011
- Boubekour L. et al., hep-ph/0209256, 2002;Phys.Rev.D67:043515,2003.
- Biswas S., Misra P., Chowdhury I.,gr-qc/0205076, 2002;Gen.Rel.Grav.35:1-16,2003
- Lima J., Carrilo E., astro-ph/0201168, 2002;
- Ivanov P.,J.Phys.A - Mathematical and General,34,p.8145, 2001
- Rajarshi Ray, Supratim Sengupta; Phys.Rev.D 65, p.063521, 2002;
hep-ph/0111152
- Fernando da Rocha Vaz Bandeira De Melo, Robert H.Brandenberger,
Adolfo Maia, Jr., **Int.J.Mod.Phys.A17:4413-4418,2002**,hep-ph/0110003
- Sergio E. Joras, Victor H. Cardenas, HET-1277, Aug 2001. 7pp.;
gr-qc/0108088, **Phys.Rev.D67:043501,2003**
- Sang Pyo Kim, Supratim Sengupta, F.C. Khanna Phys.Rev.D64:105026,2001
hep-ph/0105045
- Zibin J., Phys.Rev.Lett.; hep-ph/0108008
- Berezhiani Z.,Mazumdar A.,Perezlorenzana A.,Phys.Lett.B 518,p.282,2001
- Nilles H., Peloso M., Sorbo L., JHEP 0104:004, 2001; hep-th/0103202
- Allahverdi R., Baster-Gil M., Mazumdar A., Phys. Rev. D 64, p.023516,
2001; hep-ph/0012057
- Gazetta E., Thibeault M., Phys.Rev.D63 p.103507, 2001

- Basset B. et al., Phys.Rev.D63, p. 103515, 2001; astro-ph/0010628
- Zibin J., Brandenberger R., Douglas S., Phys.Rev.D63, p.043511, 2001; hep-ph/0007219
- Tsujikawa S., Yajima H., Phys.Rev.D62, p.123512, 2000; hep-ph/0007351
- Finelli F., Brandenberger R., Phys.Rev.D 62, p.083502, 2000; hep-ph/0003172
- Tsujikawa S., Bassett B., Phys. Rev.D 62, p. 043510, 2000; hep-ph/0003068
- Maia J., Lima J., Phys.Rev.D60, p.101301, 1999; astro-ph/9910568
- Basset B., Viniegra F., Phys. Rev. D62, p.043507, 2000; hep-ph/9909353
- Basset B., Kaiser , Marteus R., Phys.Lett.B 455, p.84, 1999
- Ivanov P., Phys.Rev.D 61, p.023505, 2000; astro-ph/9906415
- Ramsey S., Int.J.Theor.Phys.38, p.1299, 1999
- Kuzmin A., Tkachev I., Phys.Rept. 320, p. 199, 1999; hep-ph/9903542
- Green P., Kofman L., Phys.Lett.B 448, p.6, 1999; hep-ph/9807339
- Basset B., Phys.Rev.D 58, p.021303, 1998
- Lyth D., Roberts D., Smith M., Phys.Rev.D 57, P.7120, 1998
- Berezhiani Z., Comelli D., Tetradis N., Phys. Lett. B 431, p. 286, 1998; hep-ph/9803498
- Zanchin V. et al., Phys. Rev.D 57, p.4651, 1998; hep-ph/9709273
- Ramsey S., Hu B., Stylianopoulos A., Phys.Rev.D 57, p.6003, 1998; hep-ph/9709267
- Taruya A., Nambu Y., Phys.Lett.B 428, p.37, 1998
- Boyanovsky D., Holman R., Kumar S., Phys.Rev.D 56, p.1958, 1997
- Ramsey S., Hu B., Phys.Rev.D56, 1997, p.678; hep-ph/9706207
- Green B., Prokopec T., Roos T., Phys.Rev.D 56, p.6484, 1997; hep-ph/9705357
- Kofman L., Linde A., Starobinski A., Phys.Rev.D 56, p.3258, 1997; hep-ph/9704452
- Yoshimura M., TU-97-518, 1996; Workshop on the Cosmological Constant and the Evolution of the Universe, 25-27 Dec. 1995, Tokyo, Japan; hep-ph/9702288
- Andre de Gouvea, Takeo Moroi, Hitoshi Murayama, LBL-39753, 1997; Phys.Rev.D 56, p.1281, 1997; hep-ph/9701244
- Allahverdi R., Campbell B., Phys.Lett.B 395, p.169, 1997
- Bassett B., Phys.Rev.D 56, p.3439, 1997
- Branderberger R., Zhitnitski A., Phys.Rev.D 55, p.4640, 1997
- Hotta M. et al., Phys.Rev.D 55, p.4614, 1997; hep-ph/9608374
- Kofman L., UH-IFA-96-28, 1996; in Relativistic Astrophys., eds. Jones B. & Markovic D.; astro-ph/9605155
- Kasuya S., Kawasaki M., Phys.Lett.B388, p. 686, 1996; hep-ph/9603317
- Tkachev I., Phys.Lett. B 376, p.35, 1996
- Kofman L., Linde A., Starobinski A., Phys.Rev.Lett. 76, p.1011, 1996
- Fujisaki H. et al., Phys.Rev.D 53, 6805, 1996
- Kaiser D., Phys.Rev.D 53, p.1776, 1996; astro-ph/9507108
- Berezhiani Z., Dolgov A., Mohapatra R., Phys.Lett.B 375, p.26, 1996
- M. Yoshimura, J.Korean Phys.Soc., 29, p.S236, 1996; hep-ph/9605246
- M. Yoshimura, TU-96-495, Nov 1995, in 1st Resceu International Symposium on the Cosmological Constant and the Evolution of the Universe, 6-9 Nov 1995, Tokyo, Japan; hep-ph/9602268

- Shtanov Y., Traschen J., Brandenberger R., Phys.Rev.D 51,p.5438, 1995
- Murayama H., Yanagida T., Yokoyama J., Nucl.Phys.B S 37A, p.137, 1994
- H.Murayama et al.YITP-U-93-29,LBL-34887,Phys.Rev.D50:R2356-2360,1994
hep-ph/9311326
- Boyanovsky et al., Phys.Rev.D52, p.6805, 1995
- Fujisaki H. et al., Phys.Rev.D 54,p.2494, 1996; hep-ph/9511381
- Yoshimura M., Prog.Theor.Phys. 94, p. 873, 1995; hep-th/9506176
- Kofman L., Linde A.,Starobinski A., Phys.Rev.Lett. 73, p.3195,1994
- Y.Shtanov et al., BROWN-HET-957, July 1994; hep-ph/9407247
- Kofman L. et al., UH-IfA-94/35, Hawaii, 1994;hep-th/94055187

6. Dolgov A., Kirilova D., Baryon Charge Condensate and Baryogenesis, J.Moscow Phys. Soc. 1, p.217, 1991

- Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.
- Abazajian K.,Fuller G.,Patel M.,Phys.Rev.D 64, p.023501, 2001
- Esposito S. et al.,Nucl.Phys.B 590, p.539, 2000
- Casas A., Cheng W., Gelmini G., Nucl.Phys.B 538, p.297, 1999
- Koyama K., Soda J., Phys.Rev.Lett. 82, p.2632, 1999

7. Kirilova D., Chizhov M., Proc. of NEUTRINO 96, Helsinki, 1996, p.478-484, цитирана от:

- Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.

8. Chizhov M., Kirilova D, Astronomical & Astrophysical Transections, 1996,v.10, p.69-75, цитирана от:

- Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.

9. Kirilova D., Chizhov M., Nonequilibrium Neutrino Oscillations and Primordial Production of He-4, TAC-1996-018, 1996 (hep-ph/9608270); Phys. Lett. B393, 1997, p.375

- Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.
- N. Saviano et al., Phys.Rev. D87 (2013) 073006 37.M.
- M. Panayotova, General BBN Bounds on Electron-Sterile Neutrino Oscillations, Bulg. J. Phys. 38 (2011) 341–345
- D. Boyanovsky, C.M. Ho, Astropart.Phys.27:99-112,2007
- Yi-Zen Chu, Marco Cirelli, Phys.Rev.D74:085015,2006
- C.M. Ho, D. Boyanovsky, H.J. de Vega, Phys.Rev.D72:085016,2005
- [Nicole F. Bell](#), Dec 2000. 145pp. Ph.D. Thesis (Advisor: Raymond R. Volkas).
- D. Boyanovsky, C.M. Ho,. Phys.Rev.D69:125012,2004.
- A.D. Dolgov Nucl.Phys.B679:261-298,2004.
- A.D. Dolgov, in *Kanazawa 2003, Neutrino oscillations and their origin* 372-

- 379 e-Print: hep-ph/0306154
- Pasquale Di Bari, Phys.Rev.D67:127301,2003.
 - Dolgov A., Phys. Rep. **370:333-535,2002** hep-ph/0202122
 - Masiero A., Vignaud D., Nuc.Phys.B Suppl.100,p.375,2001
 - Dolgov A., hep-ph/0109155 1 Oct 2001
 - A.D. Dolgov, in 15th Les Rencontres de Physique de la Vallee d'Aoste: "La Thuile 2001, Results and Perspective in Particle Physics", p.105, 2001, 4-10, hep-ph/0109155
 - P. Di Bari,36pp., Phys.Rev.D65:043509,2002, hep-ph/0108182
 - L. Bento, Z. Berezhiani. Phys.Rev.D64:115015,2001, hep-ph/0108064
 - P. Di Bari,May 2001. 4pp. To appear in the proceedings of 36th Rencontres de Moriond on Electroweak Interactions and Unified Theories, Les Arcs, France, 10-17 Mar 2001., hep-ph/0105133
 - M.Prakash, J. Lattimer, R.Sawyer, R. Volkas, Mar 2001. 64pp. Ann.Rev.Nucl.Part.Sci.51, p.295, 2001, astro-ph/0103095
 - Nicole F. Bell (Melbourne U.), Neutrino oscillations in the early universe PhD Thewsis, Dec 2000. 145 pp.
 - A.D. Dolgov, Nucl.Phys.B610:411-429,2001, hep-ph/0102125
 - R. Volkas, Y.Wong, Phys.Rev.D62:093024,2000, hep-ph/0007185
 - R. Volkas in *San Juan 2000, Particle physics and cosmology* 213-223 hep-ph/0006347
 - A.D. Dolgov ,Invited talk given at SAIt 2000, 64th National Congress, Rome, Italy, 10-15 Apr 2000, Mem.Soc.Ast.It.72 (2001)823; astro-ph/0006162
 - A.D. Dolgov, Phys.Lett.B506:7-12,2001, hep-ph/0006103
 - S. Esposito, G. Mangano, G. Miele, O. Pisanti, JHEP 0009:038,2000 astro-ph/0005571
 - Raymond R. Volkas (Melbourne U.), Relic neutrino asymmetries in AIP Conf.Proc. 540 (2000) 213
 - A.D. Dolgov, Lectures given at International School of Astrophysics, Daniel Chalonge:7th Course: Current Topics in Astrofundamental Physics (A NATO Advanced Study Institute Euroconference), Erice, Italy, 5-16 Dec 1999, hep-ph/0004032
 - A.Dolgov et al. Astropart.Phys.14:79-90,2000, hep-ph/9910444
 - K. Enqvist, K. Kainulainen, A. Sorri, Phys.Lett.B464:199-205,1999 hep-ph/9906452
 - R. Foot, Phys.Rev.D61:023516,2000, hep-ph/9906311
 - X. Shi, G.Fuller, K.Abazajian Phys.Rev.D60:063002,1999, astro-ph/9905259
 - R. Volkas, in *Venice 1999, Neutrino telescopes, vol. 2* 13-22. hep-ph/9904437
 - R. Foot, R.R. Volkas, Phys.Rev.D61:043507,2000, hep-ph/9904336
 - N. Bell, R. Volkas, Y. Wong, Phys.Rev.D59:113001,1999, hep-ph/9809363
 - R. Foot, Astropart.Phys.10:253-273,1999, hep-ph/9809315
 - B. Brahmachari, Europhys.Lett.47:428-434,1999, hep-ph/9808331
 - N.Bell, R. Foot, R.R. Volkas, Phys.Rev.D58:105010,1998, hep-ph/9805259
 - R. Foot, R.R. Volkas, Phys.Rev.D56:6653-6664,1997, Erratum-ibid.D59:029901,1999, hep-ph/9706242
 - R. Foot, R.R. Volkas, Astropart.Phys.7:283-295,1997, hep-ph/9612245
 - R. Foot, R.R. Volkas, Phys.Rev.D55:5147-5176,1997, hep-ph/9610229

Active-Sterile Neutrino Oscillations with Small Mass Differences: The Nonresonant Case, Phys. Rev.D 58, p. 073004-073014, 1998.

- M. Mosquera, O. Civitarese, Calculation of primordial abundances of light nuclei including a heavy sterile neutrino, Nov 14, 2014, arXiv:1411.4030
- Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.
- Mirizzi, A., et al., 2012 Physical Review D 86 (5), 053009
- Kusenko A., Sterile neutrino states, 2011, Nucl.Phys.S 221, 149
- Ninetta Saviano , 2013. 163 pp. PhD thesis: DESY-THESIS-2014-008 Neutrino Flavor Conversions in High-Density Astrophysical and Cosmological Environments-- Alexander Kusenko, Phys.Rept.481:1-28,2009.
- Thomas Henry Osiecki, Ph.D. Thesis (Advisor: Karol Lang). FERMILAB-THESIS-2007-77, 2007.
- Alexander Kusenko, AIP Conf.Proc.917:58-68,2007. Also in *Puerto Vallarta, Particles and fields* 58-68
- Alexander Kusenko, UCLA-06-TEP-25, Inv. talk at 22nd International Conference on Neutrino Physics and Astrophysics (Neutrino 2006), Santa Fe, New Mexico, 13-19 Jun 2006, Nucl.Phys.Proc.Suppl. 221 (2011) 149-154; hep-ph/0609158
- Yi-Zen Chu, Marco Cirelli, Sterile neutrinos, lepton asymmetries, primordial elements: How much of each?, Phys.Rev.D74:085015,2006. astro-ph/0608206
- Alessandro Strumia, Francesco Vissani, Neutrino masses and mixings and..., IFUP-TH-2004-1, Jun 2006. 219pp. hep-ph/0606054
- Marco Cirelli, Guido Marandella, , Alessandro Strumia, Francesco Vissani, Probing oscillations into sterile neutrinos with cosmology, astrophysics and experiments, Nucl.Phys.B708:215-267,2005. e-Print: hep-ph/0403158
- Marco Cirelli, (Yale U.) , Sterile neutrinos in astrophysical and cosmological sauce., Proc. of 10th Int. Symposium on Particles, Strings and Cosmology (PASCOS 04 and Pran Nath Fest), Boston, Massachusetts, 16-22 Aug 2004. in *Turin 2004, High energy physics* 445-462 ; astro-ph/0410122
- D. Boyanovsky, C.M. Ho, (Pittsburgh U.) . Oscillations and evolution of a hot and dense gas of flavor neutrinos: A Quantum field theory study, Phys.Rev.D69:125012,2004; hep-ph/0403216
- A.D. Dolgov, F.L. Villante, BBN bounds on active sterile neutrino mixing, Nucl.Phys.B679:261-298,2004.; hep-ph/0308083
- Dolgov A., hep-ph/0202122, Phys.Repts **370:333-535,2002, hep-ph/0202122**
- Masiero A., Vignaud D., Nuc.Phys.B Suppl.100,p.375,2001
- David O. Caldwell (ed.), Current aspects of neutrino physics (SantaBarbara, KITP). 2001. 338 pp. Published in Berlin, Germany: Springer (2001) 338 p
- Dolgov A., in Conference: C01-03-04, p.105-134 Proceedings Les Rencontres de Physique de la Vallee d'Aoste: Results and Perspective in Particle Physics, 4-10 Mar 2001. La Thuile, Valle d'Aosta, Italy, e-Print: hep-ph/010915515
- Seoktae Koh, [Lee, Chul H.](#), Cosmic background anisotropy due to neutrino oscillations revisited astro-ph/0111264
- H.S. Goh, R.N. Mohapatra, Phys.Rev.D65, p.085018, 2002 ;hep-ph/0110161
- A.D. Dolgov, Talk at 15th Les Rencontres de Physique de la Vallee d'Aoste: Results and Perspective in Particle Physics, p. 105, La Thuile, Valle d'Aosta, Italy, 4-10 Mar 2001.; hep-ph/0109155
- M.Prakash et al.,Submitted to Ann.Rev.Nucl.Part.Sci.51; astro-ph/0103095
- A. Ioannisian, J. Valle, Phys.Rev.D63:073002,2001
- A.D. Dolgov,Phys.Lett.B506:7-12,2001; hep-ph/0006103
- Raffelt G., Nucl.Phys.B S 81, p.267, 2000

- Hannestad S., Phys.Rev.Lett. 85, p.4203, 2000
- R. Foot, Phys.Rev.D61:023516, 2000, hep-ph/9906311
- A. Dolgov, Apr 2000. 15pp..Invited talk given at SAIt 2000, 64th National Congress, Rome, Italy, Mem.Soc.Ast.It. 72 (2001) 823
- A.D. Dolgov, in Current Topics in Astrofundamental Physics (A NATO Advanced Study Institute Euroconference), Erice, Italy, 5-16 Dec 1999, p.565-584; hep-ph/0004032
- H.Kurki-Suonio, in The Light elements and their evolution, APS conference series, 1999, eds. L.da Silva, M. Spite and J.R. de Medeiros; astro-ph/0002071
- H.Kurki-Suonio, in The Light Elements and their Evolution, Proceedings of IAU Symposium 198, 22-26 Nov 1999, Natal, Brazil. Eds L.da Silva, R. de Medeiros, & M Spite, 2000., p.25
- N.Arkani-Hamed et al., JHEP 0012:010, 2000; hep-ph/9911386
- A. Ioannisian, J.W.F Valle, FTUV-99-78, FTUV-99-81, MPI-TH-99-38, IFIC-99-81, MPI-PHT-99-38, Phys.Rev.D (in press); hep-ph/9911349
- J. Valle, Phys.Atom.Nucl.63:921-933, 2000,
- J. Valle, Yad.Fiz.63N6:997-1009, 2000; Phys.Atom.Nucl.63, 921, 2000, hep-ph/9911224
- A.Dolgov, S.Pastor, D. Semikoz,, Astropart.Phys.14:79-90, 2000; hep-ph/9910444
- G.G. Raffelt, Massive neutrinos in astrophysics and cosmology Oct 1999. International Workshop on Strong Magnetic Fields in Neutrino Astrophysics – 5-8 Oct 1999. Yaroslavl, Russia
- R.N. Mohapatra, in 'Current Aspects of Neutrino Physics', ed., D. Caldwell (Springer-Verlag), 217; hep-ph/9910365
- K.Abazajian, X.Shi, G.Fuller, Sep 1999. 10pp.; astro-ph/9909320
- Berezinsky V., Vilenkin A., Phys.Rev.D62, 083512, 2000, hep-ph/9908257
- J.W.F. Valle, Sep 1998. 22pp. Lectures given at 6th Hellenic School and Workshop on Elementary Particle Physics:, Corfu, Greece, 6-26 Sep 1998, PoS corfu98 (1998) 010, hep-ph/9907222
- K.Enqvist, K.Kainulainen, A.Sorri, Phys.Lett.B464:199-205, 1999; hep-ph/9906452
- J.W.F. Valle, Springer Tracts Mod.Phys.163:35-68, 2000; hep-ph/9906378
- Foot R., Phys.Rev.D 61, 023516, 2000; hep-ph/9906311
- G.R. Dvali, Alexei Yu. Smirnov, Nucl.Phys.B563:63-81, 1999; hep-ph/9904211
- R. Mohapatra, talk at COSMO 98, in *Asilomar 1998, Particle physics and the early universe* 440-447; hep-ph/9903261
- G. Raffelt, to be published in the proceedings of ICTP Summer School in High-Energy Physics and Cosmology, Miramare, Trieste, Italy, 29 Jun - 17 Jul 1998; hep-ph/9902271
- V.Barger et al., Phys.Rev.D59:113010, 1999; hep-ph/9901388
- A. Dighe, S.Pastor, A. Smirnov, SISSA-EP-98-132, Dec 1998. 17pp. Talk given at the ICTP Workshop on Physics of Relic Neutrino, Trieste, Italy 16-19 Sep 1998; hep-ph/9812244
- B.Brahmachari, Europhys.Lett.46:428-434, 1999; hep-ph/9808331
- A.Dolgov, at 49th Yanada Conference: Black Holes and High-Energy Astrophysics, Kyoto, Japan, 7-10 Apr 1998; astro-ph/9807134
- R.Mohapatra, talk given at Ringberg Euroconference *Tegernsee 1998, New trends in neutrino physics* 97-106; AIP Conf.Proc. 478 (1999) 440, hep-ph/9808236
- G. Raffelt, in the proceedings of Ringberg Euroconference: New Trends in Neutrino Physics, Tegernsee, Germany, *Tegernsee 1998, New trends in

- neutrino physics* 279-287 hep-ph/9807484
- B.Brahmachari, R. Mohapatra, Phys.Lett.B437:100-106,1998;hep-ph/9805429
 - S.Hannestad, G.Raffelt, Phys.Rev.D59:043001,1999; astro-ph/9805223
 - N. Bell, R. Foot, R.Volkas, Phys.Rev.D58:105010,1998; hep-ph/9805259
 - B.Brahmachari, Phys.Rev.D58:097303,1998; hep-ph/9804305
 - V.Barger et al.,Phys.Rev.D 58, p.093016, 1998
 - V.Barger, T.J. Weiler, K. Whisnant, Phys.Lett.B427:97-104,1998;
hep-ph/9712495
 - Mohapatra R., Prog. Part. Nucl. Phys. 40,p.55, 1998

11.Kirilova D., Chizhov M., Nucl. Phys. B 534, p. 447-463, 1998

- Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.
- Y Ninetta Saviano, et al., Phys.Rev. D87 (2013) 073006
- Zen Chu, Marco Cirelli, Phys.Rev.D74:085015,2006
- Alberto Bravo Garcia, Sarira Sahu, hep-ph/0702280
- Fabio Iocco, et al., Phys.Rept.472:1-76,2009
- [Nicole F. Bell](#), Ph.D. Thesis (Advisor: Raymond R. Volkas). 2000. 145pp.
- [D. Boyanovsky](#), Ho , Phys.Rev.D69:125012,2004.
- [Berezinsky V.](#) et al., , Nucl.Phys.B658:254-280,2003.
- Cline J. et al., Phys.Rev.D66, 065001, 2002, hep-ph/0204319
- Dolgov A., Phys.Rep. (in press), hep-ph/0202122
- Masiero A., Vignaud D., Nuc.Phys.B Suppl.100,p.375,2001
- M. Prakash et al.,Ann.Rev.Nucl.Part.Sci.51, 295, 2001; astro-ph/0103095
- C.Giunti, Marco Laveder, JHEP 0102:001,2001;hep-ph/0010009
- P. Di Bari et al., Astropart.Phys.15:391-412,2001; hep-ph/0008245
- R. Volkas, Yvonne Y.Y. Wong, Phys.Rev.D62:093024,2000; hep-ph/0007185
- R. Volkas, in *San Juan 2000, Particle physics and cosmology* 213-223
hep-ph/0006347
- A.Dolgov, at SAI 2000, 64th National Congress, Rome, Italy, 10-15
Apr 2000; Submitted to Italian Astron. Soc.;astro-ph/0006162
- A.Dolgov, Phys.Lett.B506:7-12,2001;hep-ph/0006103
- A.Dolgov,in Current Topics in Astrofundamental Physics (A NATO Advanced
Study Institute Euroconference),Erice,Italy,5-16 Dec 1999;hep-ph/0004032
- Foot R.,Volkas R.,Phys.Rev.D 61, p.043507, 2000
- P. Di Bari,R. Foot, Phys.Rev.D61:105012,2000; hep-ph/9912215
- A. Dolgov et al.,Astropart.Phys.14:79-90,2000;hep-ph/9910444
- V.S. Berezinsky, A. Vilenkin, Phys.Rev.D62:083512,2000; hep-ph/9908257
- P.Di Bari, P.Lipari, M.Lusignoli, Int.J.Mod.Phys.A15:2289-2328,2000
hep-ph/9907548
- K.Enqvist, K. Kainulainen, A. Sorri, Phys.Lett.B464:199-205,1999
hep-ph/9906452
- R. Volkas, in *Venice 1999, Neutrino telescopes, vol. 2* 13-22;
hep-ph/9904437
- Bell N., Volkas R., Wong Y., Phys.Rev.D 59, p.113001, 1999
- S.Sarkar, talk at 2nd International Conference (DARK98), Heidelberg,
Germany, 20-25 Jul 1998, in "Dark matter in astrophysics and particle
physics 1998" p. 108-130; astro-ph/9903183
- E.Lisi,S.Sarkar,F.L.Villante,Phys.Rev.D59:123520,1999;hep-ph/9901404
- A.Dighe, S. Pastor, A.Smirnov, SISSA-EP-98-132, Dec 1998. 17pp.

- Talk given at the ICTP Workshop on Physics of Relic Neutrino, Trieste, Italy, 16-19 Sep 1998; hep-ph/9812244
- M.Gonzalez-Garcia, Nucl.Phys.Proc.Suppl.76:451-460,1999; hep-ph/9811419
 - A.Dolgov,Hansen S.,Pastor S.,Nucl.Phys.B548:385-407,1999;hep-ph/9809598
 - R. Foot, Astropart.Phys.10:253-273,1999; hep-ph/9809315
 - A.D. Dolgov, at 49th Yamada Conference: Black Holes and High-Energy Astrophysics, Kyoto, Japan, 7-10 Apr 1998; astro-ph/9807134
 - Digne A. and Smirnov A., CERN Courier, Int.J. of High Energy Physics, v.39, N 2, 1998; <http://www.cerncourier.com/main/article/39/2/14>

12. Kirilova D., Chizhov M., Non-GUT Baryogenesis and Large Scale Structure of the Universe, astro-ph/9908319, MNRAS 314, p.256-262, 2000.

- Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.
- Faizal, Mir, Multiverse in the Third Quantized Formalism, Commun.Theor.Phys. 62 (2014) 5, 697-700
- Dolgov, A. D., Kawasaki, M.; Kevlishvili, Inhomogeneous baryogenesis, cosmic antimatter, and dark matter, Nucl. Phys. B, 807, Issue 1-2, p. 229-250
- К. Ставрев, Изследване на големите празнини в пространственото разпределение на купувите от галактики в Северната галактична полусфера, дисертационен труд, 2005
- A.D. Dolgov, in the proceedings of 14th Rencontres de Blois: Matter - Anti-matter Asymmetry, Chateau de Blois, France, 17-22 Jun 2002. e-Print: **hep-ph/0211260**
- B.F. Roukema, G.A. Mamon, S. Bajtlik**Where the very bright matter is a standard ruler. . astro-ph/0111051**
- Roukema B.,Mamon G.,Bajtlik S.,Astr.Astrop. 382,p.397,2002, **astro-ph/0106135**
- V.Trimble and M.Aschwanden, Astrophysics in 2000 in PASP v.113, 787 issue, p. 1025, 2001

13. Kirilova D., Chizhov M., On Neutrino-Mixing Generated Lepton Asymmetry and the Primordial Helium-4 Abundance, preprint ICTP IC/99/112, hep-ph/9908525

- A. Dolgov, Phys.Repts., hep-ph/0202122
- Masiero A., Vignaud D., Nuc.Phys.B Suppl.100,p.375,2001
- C. Giunti, Marco Laveder,JHEP 0102:001,2001; hep-ph/0010009
- A.Dolgov, Phys.Lett.B506:7-12,2001;hep-ph/0006103
- A.Dolgov,in Current Topics in Astrofundamental Physics (A NATO Advanced Study Institute Euroconference)Erice,Italy,5-16 Dec 1999,hep-ph/0004032
- R. Buras, Dec 1999. 52pp. Masters thesis; hep-ph/0002086
- W. Grimus, Acta Phys.Polon.B30:3067-3088,1999;hep-ph/9910340
- X.Shi, George M. Fuller, K. Abazajian;astro-ph/9909221

14. Kirilova D., Chizhov M., Cosmological nucleosynthesis and active-sterile neutrino oscillations with small mass differences: The resonant case , Nucl.Phys.B591, p.457-468, 2000.

- Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.

- A.S. Joshipura, S. Mohanty, S. Pakvasa, Phys.Rev. D89 (2014) 033003
- Mirizzi, A. et al., Phys. Rev. D 86 (5) , art. no. 053009
- Arman Esmaili, Phys.Rev.D81:013006,2010. arXiv:0909.5410 [hep-ph]
- Ninetta Saviano, 2013. 163 pp. PhD thesis: DESY-THESIS-2014-008 Neutrino Flavor Conversions in High-Density Astrophysical and Cosmological Environments
- Marco Cirelli, Guido Marandella, Alessandro Strumia, Francesco Vissani, Nucl.Phys.B708:215-267,2005. hep-ph/0403158
- Marco Cirelli, *Turin 2004, High energy physics* 445-462 astro-ph/0410122
- Alessandro Strumia, Francesco Vissani, IFUP-TH-2004-1, Jun 2006. hep-ph/0606054
- Yi-Zen Chu, Marco Cirelli, Phys.Rev.D74:085015,2006. astro-ph/0608206
- D. Boyanovsky, C.M. Ho, Phys.Rev.D69:125012,2004. e-Print: hep-ph/0403216
- Veniamin Berezhinsky, Mohan Narayan, Francesco Vissani, Nucl.Phys.B658:254-280,2003. e-Print: hep-ph/0210204
- James M. Cline, (McGill U.) , U.A. Yajnik, S.N. Nayak, M. Rabikumar, Phys.Rev.D66:065001,2002. e-Print: hep-ph/0204319
- A.Dolgov, Phys.Rept.370:333-535,2002. hep-ph/0202122
- A.Dolgov, in "Fermi and Astrophysics", Pescara, Italy, 2001,hep-ph/0203164
- P.Di Bari, Phys.Rev.D65:043509,2002; hep-ph/0108182
- A.D. Dolgov,Nuovo Cimento B, vol. 117, Issue 0911, p.1081
- A.D. Dolgov,at 15th Les Rencontres de Physique de la Vallee d'Aoste: Results and Perspective in Particle Physics, La Thuile, Valle d'Aosta, Italy, 4-10 Mar 2001; hep-ph/0109155
- Masiero A., Vignaud D., Nuc.Phys.B Suppl.100,p.375,2001
- L. Bento, Zurab Berezhiani,Phys.Rev.D64:115015,2001;hep-ph/0108064
- J.Lesgourgues, A. Liddle, MNRAS 327:1307,2001;astro-ph/0105361
- M.Prakash et al., Ann.Rev.Nucl.Part.Sci.51; astro-ph/0103095
- A.Dolgov, Nucl.Phys.B610:411-429,2001;hep-ph/0102125
- C.Giunti,M.Laveder, JHEP 0102:001,2001;hep-ph/0010009
- A.D. Dolgov, Phys.Lett.B506:7-12,2001;hep-ph/0006103
- A.Dolgov, in Current Topics in Astrofundamental Physics (A NATO Advanced Study Institute Euroconference),Erice,Italy,5-16 Dec 1999;hep-ph/0004032
- R.Buras, Dec 1999. 52pp. Masters thesis,hep-ph/0002086

15. Kirilova D., Chizhov M., Lepton Asymmetry Effect on Neutrino Oscillations and Primordial Helium-4, in "Cosmology and Particle Physics", AIP Conference Proceedings, Melville, New York, 2001, v.555, p.433-436;eds. J. Garcia-Bellido, R. Durrer, and M. Shaposhnikov; astro-ph/0101083 (extended version).

- A. Dolgov, Phys.Repts 370:333-535,2002. , hep-ph/0202122

- Dolgov A., Nucl.Phys.Proc.Suppl. 110, p.137, 2002, hep-ph/0201107
- A.Dolgov, Nucl.Phys.B610:411-429,2001; hep-ph/0102125

16. Kirilova D., Chizhov M., Neutrino Oscillations in the Early Universe, Nucl.Phys. B Proc. Suppl. 100, p. 360-362, 2001; hep-ph/0102114.

- Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.
- D. Boyanovsky, C.M. Ho Astropart.Phys.27:99-112,2007.
- Ho, D. Boyanovsky, H.J. de Vega Phys.Rev.D72:085016,
- D. Boyanovsky, C.M. Ho, Phys.Rev.D69:125012,2004.
- A.D. Dolgov, F.L. Villante, Nucl.Phys.B679:261-298,2004,hep-ph/0308083
- Liu C., Song J., Phys.Lett.B 512, p.247, 2001
- Langacker P., Nucl.Phys. B Proc. Suppl. 100, 2001
- Masiero A., Vignaud D., Nuc.Phys.B Suppl.100,p.375,2001
- Pastor S., Nucl.Phys. B Proc. Suppl. 100, 2001, p.366-368

17. Kirilova D., Chizhov M., Big Bang Nucleosynthesis and Cosmological Constraints on Neutrino Oscillations Parameters, CERN-TH/2001-020, 2001, p.1-20; astro-ph/0108341.

- C.M. Ho, D. Boyanovsky, H.J. de Vega, Phys.Rev.D72:085016,2005, hep-ph/0508294
- A. D. Dolgov, Phys.Repts (in press), hep-ph/0202122
- H.S. Goh, R.N. Mohapatra, UMD-PP-02-014,Oct 2001.15pp.;hep-ph/0110161
- L.Bento, Z.Berezhiani, Phys.Rev.D64:115015,2001;hep-ph/0108064
- Fields B., Sarkar S., 2001,
<http://pdg.lbl.gov/~bettya/sports/tex/bigbangnuc.allref>

18. Busemann, H.; Binns, W. R.; Chiappini, C.; Gloeckler, G.; Hoppe, P.; Kirilova, D. Et al. (12 authors)Applications of abundance data and requirements for cosmochemical modeling, SOLAR AND GALACTIC COMPOSITION: A Joint SOHO/ACE Workshop. AIP Conference Proc., 598, pp. 357-379 (2001)

- Däweritz, L., Reports on Progress in Physics, Volume 69, Issue 9, pp. 2581-2629 (2006).
- Kallenbach, R.; Robert, F.; Geiss, J.; Herbst, E.; Lammer, H.; Marty, B.; Millar, T. J.; Ott, U.; Pepin, R. O., Space Science Reviews, v. 106, Issue 1, p. 319-376, 2003

19. B. Klecker et al., Galactic abundances,2001, AIP, Issue 598 Pages 207-220
цитирана от:

- RF Wimmer-Schweingruber, Extraterrestrial Physics-The Sun and Heliosphere Lecture notes, 2013 - ieap.uni-kiel.de

20. Kirilova D., Overproduction of helium-4 in the presence of neutrino oscillations, astro-ph/0109105 , ApPhys. 19(2003)409-417 цитирана от:

- Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.
- Chad T. Kishimoto, George M. Fuller, Christel J. Smith, Phys.Rev.Lett.97:141301,2006. astro-ph/0607403
- Kevork Abazajian, Nicole F. Bell, George M. Fuller, Yvonne Y.Y. Wong, Phys.Rev.D72:063004,2005. astro-ph/0410175
- Roberto Trotta, Ph.D.Thesis Advisor: (Ruth Durrer). 2004, Geneve, e-Print: astro-ph/0410115 --
- Roberto Trotta, Steen H. Hansen, Phys.Rev.D69:023509,2004, astro-ph/0306588
- Pasquale Di Bari, (Barcelona, IFAE) . Feb 2003. 9pp. Addendum to [Phys.Rev.D65,043509,2002 \[hep-ph/0108182\]](#). Published in Phys.Rev.D67:127301,2003. e-Print: astro-ph/0302433
- A.D.Dolgov, Phys.Repts **370:333-535,2002. hep-ph/0202122**
- P. Di Bari, Phys.Rev.D65:043509,2002; hep-ph/0108182

21. Baryogenesis model predicting antimatter in the Universe

Kirilova, D., Nuclear Physics B Proceedings Supplements, Volume 122, p. 404-408, 2003.

- Dolgov, A. D.; Kawasaki, M.; Kevlishvili, N. Nuclear Physics B, Volume 807, Issue 1-2, p. 229-250, 2009

22. Neutrino spectrum distortion due to oscillations and its BBN effect. Daniela Kirilova. Int.J.Mod.Phys.D13:831-842,2004. e-Print: hep-ph/0209104

- Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.
- J Barry, dissertation : New physics models with sterile neutrinos at different energy scales- 2013 - archiv.ub.uni-heidelberg.de
- M. Panayotova, Bulg. J. Phys. 38 (2011) 341–345
- Fabio Iocco, Gianpiero Mangano, Gennaro Miele, , Ofelia Pisanti, (Naples U. & INFN, Naples)
- Pasquale D. Serpico, Phys.Rept.472:1-76,2009. arXiv:0809.0631 [astro-ph]
- Julien Lesgourgues, Sergio Pastor, Phys.Rept.429:307-379,2006. astro-ph/0603494
- Gianpiero Mangano, Gennaro Miele, Sergio Pastor, Teguyco Pinto, Ofelia Pisanti, Pasquale D. Serpico, Nucl.Phys.B729:221-234,2005. hep-ph/0506164

23. Vast antimatter regions and scalar condensate baryogenesis. D. Kirilova, M. Panayotova, T. Valchanov . CERN-TH-2002-218, Sep 2002. 7pp. * Brief entry *. e-Print: astro-ph/0209605

- Behcet Alpat, . Conference Proceedings 93, 'Frontier Objects in Astrophysics and Particle Physics' F. Giovannelli and G. Mannocchi (Eds.), SIF, Bologna 2007, p. 681-689
- A.D. Dolgov, Proc. 14th Rencontres de Blois: Matter - Anti-matter Asymmetry, Chateau de Blois, France, 17-22 Jun 2002. e-Print: hep-ph/0211260

24. Neutrino oscillations and the early universe. Daniela P. Kirilova. ULB-TH-03-41, IC-2003-63, Dec 2003. D. Kirilova, ULB-TH/04-01, ULB, 2004 цитирана от:

--Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.

25. Presented at Workshop on Cosmology and Particle Physics (CAPP 2003), Geneva, Switzerland, 12-17 Jun 2003. Published in Central Eur.J.Phys.2:467-491,2004. e-Print: astro-ph/0312569

--Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014

26. D. Kirilova, M. Panayotova, Relaxed constraints on neutrino oscillation parameters, JCAP 0612:014, 2006.

--Julien Lesgourgues, Sergio Pastor , Adv.High Energy Phys. 2012 (2012) 608515

--G. Mangano, G. Miele, S. Pastor, O. Pisanti, S. Sarikas.,Phys.Lett. B708 (2012) 1-5

--Fabio Iocco et al.,Phys.Rept.472:1-76,2009.

--N.P. Harries, OUTP-08-03-P, CERN-PH-TH-2008-015, Jan 2008. arXiv:0801.3742 [hep-ph]

--Yi-Zen Chu, Marco Cirelli, Phys.Rev.D74:085015,2006-

--Alessandro Strumia, Francesco Vissani, IFUP-TH-2004-1, Jun 2006. 219pp. hep-ph/0606054

27. Daniela P. Kirilova, More general bbn constraints on neutrino oscillations parameters - relaxed or strengthened. Int.J.Mod.Phys.D16:1197-1210, 2007.

---Mariana Manusheva, Physical processes effecting the baryonic matter content of the Universe, PhD thesis, 2014.

--M. Panayotova, Bulg. J. Phys. 38 (2011) 341-345

--M.E. Mosquera, O. Civitarese, Constraints on active-sterile neutrino mixing from primordial abundances. Dec 2011 Phys.Rev.C84:065803,2011.

--Fabio Iocco, Gianpiero Mangano, Gennaro Miele, Ofelia Pisanti, Pasquale D. Serpico, Phys.Rept.472:1-76,2009. arXiv:0809.0631 [astro-ph]

--Yi-Zen Chu, Marco Cirelli, Phys.Rev.D74:085015,2006. astro-ph/0608206

28. D. Kirilova, Non-equilibrium neutrino in the early universe plasma, AIP Conf.Proc. 1121 (2009) 83-89 цитирана от

--Ruchayskiy, O., Ivashko, A. Restrictions on the lifetime of sterile neutrinos from primordial nucleosynthesis 2012, Journal of Cosmology and Astroparticle Physics 2012 (10) , art. no. 014

29. Kirilova D. On Lepton asymmetry and BBN (2011) *Progress in Particle and Nuclear Physics*, 66 (2) , pp. 260-265. цитирана от

-- Boyarsky, A., Iakubovskiy, D., Ruchayskiy, O. Next decade of sterile neutrino studies 2012, Physics of the Dark Universe 1 (1-2) , pp. 136-154

30. D. Kirilova, BBN with Late Electron-Sterile Neutrino Oscillations: The Finest Leptometer, JCAP 06, 2012, 007 цитирана от

- Marco Drewes, Phenomenology of Right Handed Neutrinos Int.J.Mod.Phys. E22 (2013) 1330019
- S Blanchet, P Di Bari, DA Jones, Leptogenesis with heavy neutrino flavours: from density matrix to Boltzmann equations, JCAP01 (2013) 041
- Blanchet, Steve; Di Bari, Pasquale, The minimal scenario of leptogenesis, New Journal of Physics, Volume 14, Issue 12, pp. 125012 (2012)
- Blanchet, Steve; Jones, David A.; Di Bari, Pasquale; Marzola, Luca, Leptogenesis with heavy neutrino flavours: from density matrix to Boltzmann equations, JCAP 1301 (2013) 041

31. D. Kirilova, J.-M. Frere, Neutrino in the Early Universe,
New Astronomy Reviews, 2012, v.56. issue 6, p.169-180 цитирана от

- Lello, L., Boyanovsky, D., Cosmological Implications of Light Sterile Neutrinos produced after the QCD PhaseTransition, arXiv:1411.2690
- Ibe, M., Kaneta K., Physical Review D, Volume 90, 2014, Issue 5, id.053011
- Mirizzi, A., Saviano, N., Miele, G., Serpico, P.D. 2012 Physical Review D - Particles, Fields, Gravitation and Cosmology 86 (5), 053009

32. D. Kirilova, Lepton Asymmetry and Neutrino Oscillations Interplay
Hyperfine Interact. 215 (2013) 1-3, 111-118 цитирана от

- A. Caramete, L.A. Popa, Journal of Cosmology and Astroparticle Physics, JCAP 1402 (2014) 012 Cosmological evidence for leptonic asymmetry after Planck

33. Kirilova, D., Neutrinos from the Early Universe and Physics Beyond
Standard Models, Open Physics arXiv:1407.1784 цитирана от:

- Lello, L., Boyanovsky, D., Cosmological Implications of Light Sterile Neutrinos produced after the QCD PhaseTransition, arXiv:1411.2690
- Ibe, M., Kaneta K., Cosmic neutrino background absorption line in the neutrino spectrum at IceCube, Physical Review D, Volume 90, 2014, Issue 5, id.053011