

**ФИО**

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Повышение квалификации

Награды, гранты:

**ANSEF grant N 132, 2005: *Search and investigation of Herbig-Haro objects in Young Stellar Objects***

**ANSEF grant N 1182, 2007: *The investigation of the very active star formation region in Cygnus OB7 complex***

**CSC grant 13 –1C087, 2013: *The study of the compact star formation region***

**ANSEF grant N 4470, 2018: *H $\alpha$  Emission of PMS Stellar Objects***

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## ПУБЛИКАЦИИ

ФИО автора / соавтора/-ов

Название публикации

Выходные данные, год

PDF-файл с содержанием работы

### Publications

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1. **E. H. Nikoghosyan**, *N. M. Azatyan and K. G. Khachatryan*, New eruptive variable in the massive star-forming region associated with IRAS 18507+0121, 2017, *A&A*, 603, A26, 8p., DOI: [10.1051/0004-6361/201629415](https://doi.org/10.1051/0004-6361/201629415);
2. **E. Nikoghosyan**, *Ecology of Near-Earth Space*, 2017, *ComBAO*, 1(LXIV), p. 126-135
3. *H. Harutyunian, E. Nikoghosyan, N. Melikian et al*, New observational project for revealing natural and anthropogenic threats at the near-Earth space, 2017, *BAOComm*, 1(LXIV), p. 116-124
4. *N.M. Azatyan, E.H. Nikoghosyan, F.G. Khachatryan*, Search for Compact Stellar Groups in the Vicinity of IRAS Sources, 2016, *Astrophys.*, 59, pp. 339-353, DOI: [10.1007/s10511-016-9439-4](https://doi.org/10.1007/s10511-016-9439-4)
5. **E. H. Nikoghosyan**, *A.V. Vardanyan, K. G. Khachatryan*, The Statistical Analysis of stars with H $\alpha$  emission in IC 348 Cluster, 2015, *Astrophysics*, 58, pp. 490-502, DOI: [10.1007/s10511-015-9402-9](https://doi.org/10.1007/s10511-015-9402-9);
6. **E. H. Nikoghosyan**, *H. A. Harutyunyan, N. M. Azatyan*, Multiple Star Systems in the Young Cluster IRAS 05137+3919, 2015, *Astrophysics*, 58, pp. 478-489; DOI: [10.1007/s10511-015-9401-x](https://doi.org/10.1007/s10511-015-9401-x);
7. **E. H. Nikoghosyan**, *N. Azatyan*, The Young Stellar Cluster in the Vicinity of the IRAS 05137+3919 Source, 2014, *Astrophysics*, 57, pp. 330-343; DOI: [10.1007/s10511-014-9338-5](https://doi.org/10.1007/s10511-014-9338-5)
8. *E. Moraux, S. Artemenko, J. Bouvier, J. Irwin, M. Ibrahimov, T. Magakian, K. Grankin, E. Nikogossian, C. Cardoso, S. Hodgkin, S. Aigrain, T.A. Movsessian, and B. Reipurth*, The Monitor Project: Stellar rotation at 13 Myr I. A photometric monitoring survey of the young open cluster h Per, 2013, *A&A*, 560, A13, 25 p., DOI: [10.1051/0004-6361/201321508](https://doi.org/10.1051/0004-6361/201321508)
9. *T. Yu. Magakian, E.H. Nikogossian, T. Movsessian, A. Moiseev, C. Aspin, C. J. Davis, T.-S. Pyo, T. Khanzadyan, D. Froebrich, M. D. Smith, G. H. Moriarty-Schieven, T. L. Beck*, V2494 Cyg: A new FU Ori type objects in the Cygnus OB7 C2494 Cyg: complex, 2013, *MNRAS*, 432, A13, 25, pp. 2685-2695, DOI: [10.1093/mnras/stt626](https://doi.org/10.1093/mnras/stt626);
10. **E.H. Nikoghosyan**, PMS Objects in The Star Forming Regions Cep OB3. II. The YSOs in The H $\alpha$  Nebula CepB, 2013, *Ap*, 56, pp. 165-172, DOI: [10.1007/s10511-013-9276-7](https://doi.org/10.1007/s10511-013-9276-7);
11. **E.H. Nikoghosyan**, PMS Objects in The Star Forming Regions Cep OB3. I. The Stars with H $\alpha$  emission, 2013, *Ap*, 56, pp. 26-41, DOI: [10.1007/s10511-013-9265-x](https://doi.org/10.1007/s10511-013-9265-x);
12. *W. P. Chen, S. C.-L. Hu., R. Errmann & E. H. Nikogossian et al (total 43 authors)*, A Possible Detection of Occultation by a Proto-planetary Clump in GM Cephei, 2012, *ApJ*, 751, 118, 5 p., DOI: [10.1088/0004-637X/751/2/118](https://doi.org/10.1088/0004-637X/751/2/118);
13. *T. Khanzadyan, C. J. Davis, C. Aspin, D. Froebrich, M. D. Smith, T. Yu. Magakian, T. Movsessian, G. H. Moriarty-Schieven, E. H. Nikogossian, T.-S. Pyo, T. L.* A wide-field near-

- infrared H<sub>2</sub> 2.122 μm line survey of the Braid Nebula star formation region in Cygnus OB7., 2012, A&A, 542, A111, 36 p., DOI: [10.1051/0004-6361/201219124](https://doi.org/10.1051/0004-6361/201219124);
14. **E. H. Nikoghosyan**, *T. Yu. Magakian, T. A. Movsessian*, Search for HH-Objects and Emission Stars in Star-Formation Regions. VIII. Stars with H $\alpha$  Emission in the Vicinity of the Nebula GM 2-41., 2012, Ap, 55, pp. 70-80, DOI: [10.1007/s10511-012-9214-0](https://doi.org/10.1007/s10511-012-9214-0);
  15. *T. Khanzadyan, T. A. Movsessian, C. J. Davis, T. Yu. Magakian, R. G., E. H. Nikogossian*, GM2-4 - a signpost for low and intermediate mass star formation., 2011, MNRAS, 418, pp. 1994-2003, DOI: [10.1111/j.1365-2966.2011.19618.x](https://doi.org/10.1111/j.1365-2966.2011.19618.x);
  16. **E. H. Nikoghosyan**, *T. Yu. Magakian, T. A. Movsessian*, Search for HH Objects in Star Formation Regions. VII. Herbig-Haro Objects in the region of the Nebula GM 2-41., 2011, Ap 54, pp. 496-506, DOI: [10.1007/s10511-011-9200-y](https://doi.org/10.1007/s10511-011-9200-y);
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40. *A. Melkonian, E. H. Nikogossian*, Investigation of The Substructure of Perseus Galaxies Supercluster. 1998, *Astrophysics*, 41, pp. 41-46, DOI: [1998Ap....41...41M](https://doi.org/10.1007/BF02683945)

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## Presentations

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1. The Statistical Analysis of Stars with H $\alpha$  Emission in IC 348 Cluster, *Khachatryan K. G., Nikoghosyan E.H., Azatyan N. M.*, in *Non-Stable Universe: Energetic Resources, Activity Phenomena, and Evolutionary Processes*. Proceedings of an International Symposium dedicated to the 70th anniversary of the Byurakan Astrophysical Observatory (BAO) held at National Academy of Sciences of the Republic of Armenia (NAS RA), Yerevan and Byurakan Astrophysical Observatory (BAO), Byurakan, Armenia 19–23 September 2016. Edited By Areg M. Mickaelian, Haik A. Harutyunian, and Elena H. Nikoghosyan. ASP Conference Series, Vol. 511. San Francisco: Astronomical Society of the Pacific, 2017, p.130;
2. The Search and Study of the Dense Stellar Clusters in Vicinity of Intermediate and High Mass YSOs, *Nikoghosyan E.H., Azatyan N. M., Khachatryan K. G.*, in *Non-Stable Universe: Energetic Resources, Activity Phenomena, and Evolutionary Processes*. Proceedings of an International Symposium dedicated to the 70th anniversary of the Byurakan Astrophysical Observatory (BAO) held at National Academy of Sciences of the Republic of Armenia (NAS RA), Yerevan and Byurakan Astrophysical Observatory (BAO), Byurakan, Armenia 19–23 September 2016. Edited By Areg M. Mickaelian, Haik A. Harutyunian, and Elena H. Nikoghosyan. ASP Conference Series, Vol. 511. San Francisco: Astronomical Society of the Pacific, 2017, p.126;
3. New Eruptive Variable in the Massive Star-Forming Region Associated with IRAS 18507+0121 Source, *Nikoghosyan E.H., Azatyan N. M., Khachatryan K. G.*, in *Non-Stable Universe: Energetic Resources, Activity Phenomena, and Evolutionary Processes*. Proceedings of an International Symposium dedicated to the 70th anniversary of the Byurakan Astrophysical Observatory (BAO) held at National Academy of Sciences of the Republic of Armenia (NAS RA), Yerevan and Byurakan Astrophysical Observatory (BAO), Byurakan, Armenia 19–23 September 2016. Edited By Areg M. Mickaelian, Haik A. Harutyunian, and Elena H. Nikoghosyan. ASP Conference Series, Vol. 511. San Francisco: Astronomical Society of the Pacific, 2017, p.78
4. The Multiple Systems in the Young Stellar Cluster IRAS 05137+3919, *E.H. Nikoghosyan, H.A. Harutyunyan, N.M. Azatyan*, in *Proceedings of the Armenian-Iranian Astronomical Workshop*, held on 13-16 October, 2015, Byurakan, Armenia, NAS RA "Gitutyun" PH, 2016, p.94

5. The Statistical Analysis of stars with H $\alpha$  emission in IC 348 Cluster, *E. H. Nikoghosyan, A.V. Vardanyan, K.G. Khachatryan*, in Proceedings of the Armenian-Iranian Astronomical Workshop, held on 13-16 October, 2015, Byurakan, Armenia, NAS RA "Gitutyun" PH, 2016, p.109
6. The search of the stellar clusters in vicinity of YSOs with high and middle masses, *N.M. Azatyan E.H. Nikoghosyan*, in Proceedings of the Armenian-Iranian Astronomical Workshop, held on 13-16 October, 2015, Byurakan, Armenia, NAS RA "Gitutyun" PH, 2016, p.115
7. BAO Plate Archive Project: Digitization, Electronic Database and Research Programmes, *Mickaelian, A. M., Abrahamyan, H. V.; Andreasyan, H. R.; Azatyan, N. M.; Farmanyan, S. V.; Gigoyan, K. S.; Gyulzadyan, M. V.; Khachatryan, K. G.; Knyazyan, A. V.; Kostandyan, G. R.; Mikayelyan, G. A.; Nikoghosyan, E. H.; Paronyan, G. M.; Vardanyan, A. V.*, in Astronomical Surveys and Big Data: Proceedings of an International Symposium dedicated to the 50th anniversary of the Markarian Survey and the 10th anniversary of the Armenian Virtual Observatory held at Byurakan Astrophysical Observatory, Byurakan, Armenia on 5–8 October 2015. Edited by Areg M. Mickaelian, Andy Lawrence and Tigran Yu. Magakian. ASP Conference Series, Vol. 505, 2016, p.262-273
8. The Search and Study of PMS Stars with H $\alpha$  Emission, *Nikoghosyan E.H., Vardanyan A.V., Khachatryan K.G.*, in Astronomical Surveys and Big Data: Proceedings of an International Symposium dedicated to the 50th anniversary of the Markarian Survey and the 10th anniversary of the Armenian Virtual Observatory held at Byurakan Astrophysical Observatory, Byurakan, Armenia on 5–8 October 2015. Edited by Areg M. Mickaelian, Andy Lawrence and Tigran Yu. Magakian. ASP Conference Series, Vol. 505, 2016, p. 66,
9. Searches of Herbig-Haro Objects: History, Current Situation, and Perspectives, *Magakian T.Yu, Movsessian T.A., Nikoghosyan E.H.*, in Astronomical Surveys and Big Data: Proceedings of an International Symposium dedicated to the 50th anniversary of the Markarian Survey and the 10th anniversary of the Armenian Virtual Observatory held at Byurakan Astrophysical Observatory, Byurakan, Armenia on 5–8 October 2015. Edited by Areg M. Mickaelian, Andy Lawrence and Tigran Yu. Magakian. ASP Conference Series, Vol. 505, 2016, p. 50
10. The Ecology of Near-Earth Space Environment, *Nikoghosyan E.H.*, in "Relation of Astronomy to other Sciences, Culture and Society", Proceedings of XIII Annual Meeting of Armenian Astronomical Society, Eds.: *H. A. Harutyunian, A. M. Mickaelian, S. V. Farmanyan*. Yerevan, "Gitutyun" Publishing House of the National Academy of Sciences of the Republic of Armenia (NAS RA), 2015, 161-165;
11. The cluster of PMS stars in the vicinity of IRAS 05137+3919, *Nikoghosyan E. H. Azatyan N.M.*, in Proceedings of the Byurakan-Abastumani Colloquium dedicated to Ludwik Mirzoyan's 90th anniversary, held on 26-28 August 2013 in Byurakan Astrophysical Observatory, Armenia, Eds. *Harutyunian, H. A.; Nikoghosyan, E. H.; Melikian, N. D.*, Yerevan, "Gitutyun" Publishing House of the National Academy of Sciences of the Republic of Armenia (NAS RA), 2014, p. 84-88;
12. "Instability and Evolution of Stars", Proceedings of the Byurakan-Abastumani Colloquium dedicated to Ludwik Mirzoyan's 90th anniversary, held on 26-28 August 2013 in Byurakan Astrophysical Observatory, Armenia, Eds. *Harutyunian, H. A.; Nikoghosyan, E. H.; Melikian,*

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13. Binary & Multiple Systems in the Young Stellar Clusters, *E. Nikoghosyan*, EWASS – 2014, 30 June – 4 July, Geneva, Switzerland, poster;
  14. The Young Stellar Cluster in the Vicinity of the IR AS 05137+3919 Source, *E. Nikoghosyan, N. Azatyan*, EWASS – 2014, 30 June – 4 July, Geneva, Switzerland, poster;
  15. Multi-sided studies of the manifestations of young stellar activity in star forming regions. *T. Yu. Magakian, T. A. Movsessian, E. H. Nikogossian, T. Khanzadyan, E. R. Hovhannesian, D. M. Sargsyan*, 2010, in "Evolution of Cosmic Objects through their Physical Activity" ed. Harutyunian H., Mickaelyan A., Terzian Ye., p 39.
  16. 3-D spectroscopy of HH588. *E. R. Honhanessyan, K. Ogura, T. Yu. Magakian, T. Movsessian, E. H. Nikogossian*, JENAM-2007, poster.
  17. Wide-Field Optical Survey In The Vicinity of Braid Nebula. *T. Yu. Magakian, T.-S. Pyo, E. H. Nikogossian, T. Movsessian, C. Aspin, M. D. Smith, T. Khanzadyan*, JENAM-2007, poster.  
Two close FUor-like objects in Cygnus. *E. H. Nikogossian, T. Yu. Magakian, C. Aspin, Tae-Soo Pyo, M. D. Smith, T. A. Movsessian, T. Khanzadian, A. Moiseev, G. H. M. Schieven*, JENAM-2007, oral contribution.
  19. Intriguing features of the outbursting young star IRAS 20568+5217. *T. Yu. Magakian, C. Aspin, TaeSoo Pyo, T. A. Movsessian, E. H. Nikogossian, M. D. Smith, A. Moiseev*, 2007, IAU 243, Grenoble, France.
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