

5.5. Электронные издания

1. *Berngardt O.I. Improving Classification Neural Networks by using Absolute activation function (MNIST/LeNET-5 example) // arXiv.org. - 2023. - arXiv:2304.11758. - <https://arxiv.org/pdf/2304.11758.pdf>.*
2. *Berngardt O.I. Superclustering by finding statistically significant separable groups of optimal gaussian clusters // arXiv.org. - 2023. - arXiv:2309.02623. - <https://arxiv.org/pdf/2309.02623.pdf>.*
3. *Brandenburg A., Elstner D., Masada Y., Pipin V.V. Turbulent processes and mean-field dynamo // arXiv.org. - 2023. - arXiv:2303.12425. - <https://arxiv.org/pdf/2303.12425.pdf>.*
4. *Fedenev V.V., Anfinogentov S., Fleishman G.D. Strongest coronal magnetic fields in solar cycles 23-24: probing, statistics, and implications // arXiv.org. - 2023. - arXiv:2301.08922v1. - <https://arxiv.org/pdf/2301.08922.pdf>*
5. *Hazra G., Nandy D., Kitchatinov L.L., Choudhuri A.R. Mean field models of flux transport dynamo and meridional circulation in the Sun and stars // arXiv.org. - 2023. - arXiv:2302.09390. - <https://arxiv.org/pdf/2302.09390.pdf>.*
6. *Nita G.M., Fleishman G.D., Kuznetsov A.A., Anfinogentov S., Stupishin A., Kontar E.P., Schonfeld S.J., Klimchuk J.A., Gary D. Data-Constrained Solar Modeling with GX Simulator // arXiv.org. - 2023. - arXiv:2301.00795v1.*
7. *Pipin V.V. Spatio-temporal non-localities in a solar-like mean-field dynamo // arXiv.org. - 2023. - arXiv:2302.11176. - <https://arxiv.org/pdf/2303.12425.pdf>.*
8. *Pipin V.V., Kosovichev A.G. Magnetic Flux Budget in Mean-Field Dynamo Model of Solar Cycles 23 and 24 // arXiv.org. - 2023. - arXiv:2306.04124. - <https://arxiv.org/pdf/2306.04124.pdf>.*
9. *Pipin V.V., Kosovichev A.G. Toroidal Magnetic Flux Budget in Mean-Field Dynamo Model of Solar Cycles 23 and 24 // arXiv.org. - 2023. - arXiv:2306.04124. - <https://arxiv.org/pdf/2306.04124.pdf>.*
10. *Pipin V.V. On origin of active/inactive branches on moderate rotating solar analogs // arXiv.org. - 2023. - arXiv:2311.09573. - <https://arxiv.org/pdf/2311.09573.pdf>.*
11. *Potravnov I.S., Mashonkina L.I., Ryabchikova T.A. BD+30°549: young helium-weak silicon star in NGC 1333 star-forming region // arXiv.org. - 2023. - 10.48550/arXiv.2301.07856v1. - DOI: 10.1093/mnras/stad193; Pub Date: January 2023 .*
12. *Smotrova E.E., Mager P., Mikhailova O.S., Klimushkin D. Diagnostics of the ionospheric conductivity based on spacecraft observations of the magnetospheric ULF waves // ESS Open Archive Authorea. - 2023. - DOI: 10.22541/essoar.167768097.73749493/v1.*

13. Vashishth V., Karak B.B., Kitchatinov L.L. Dynamo modelling for cycle variability and occurrence of grand minima in Sun-like stars: Rotation rate dependence // arXiv.org. - 2023. - arXiv:2304.05819. - <https://arxiv.org/pdf/2304.05819.pdf>.
14. Боровик А.В., Жданов А.А. Каталог солнечных вспышечных событий в линии H α (01.2018 – 06.2023 гг). - Москва: МЦД по СЗФ ГЦ РАН, 2023. - 63 с. - Doi: <https://doi.org/10.2205/ESDB-SAD-FE-05>
- http://www.wdcb.ru/stp/data/Solar_Flare_Events/SFE_2018-2023.ru.pdf
15. Kurkin V.I., Medvedeva I.V., Podlesnyi A.V. Effect of sudden stratosphere warming on characteristics of medium-scale traveling ionospheric disturbances in the Asian region of Russia // Advances in Space Research. 2023. <https://doi.org/10.1016/j.asr.2023.09.020>; Available online 14 September 2023
16. Kozlov, D.A., Leonovich A.S., Vlasov A.A. Determining the radial structure of high-m Alfvén wave by means of the “phase portrait” method // Advances in Space Research. 2023. DOI: 10.1016/j.asr.2023.08.009; Available online 10 August 2023
17. Linton M.G., Antiochos S.K., Barnes G., Fan Y., Liu Y., Lynch B.J., Afanasyev A.N., Arge C. N.,Burkepile J., Cheung M.C.M., Dahlin J.T., DeRosa M.L., de Toma G., DeVore C. R., Fisher G.H., Henney C.J., Jones S.I., Karpen J.T., Kazachenko M.D., Leake J. E., Török T., Welsch B.T. Recent progress on understanding coronal mass ejection/flare onset by a NASA living with a star focused science team // Advances in Space Research. 2023. DOI:10.1016/j.asr.2023.06.045. Available online 11 July 2023
18. Mishin, V.V., Klibanova, Y.Y., Marchuk, R.A., Mikhalev, A.V., Penskikh, Y.V. Midlatitude bursts of PiB geomagnetic pulsations and night airglow during stormtime sawtooth events // Advances in Space Research. 2023. <https://doi.org/10.1016/j.asr.2023.06.032>. Available online 28 June 2023
19. Gavrilov, N.M., Popov, A.A., Dalin, P., Perminov V.I., Pertsev N.N., Medvedeva I.V., Ammosov P.P., Gavrilyeva, G.A., Koltovskoi, I.I. Multiyear variations of time-correlated mesoscale OH temperature perturbations near the mesopause at Maymaga, Tory and Zvenigorod // Advances in Space Research. 2023. <https://doi.org/10.1016/j.asr.2023.05.049>; Available online 1 June 2023