**Бейсен Нұрзада Әбдібекқызының**

**Халықаралық журналдардағы мақалалар тізімі**

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| № п/п | Еңбектің атауы | Жариялау түрі | Журнал,  №, жылы, том, беттері, DOI (болса) | Журналдың импакт-факторы, Journal Citation Reports бойнша квартилі мен ғылым саласы | | Журналдың CiteScore, Scopus бойынша процентилі мен ғылым саласы | | Cеріктес авторлар |
| Жарияланған жылы | Құжаттарды тапсыру кезінде | Жарияланған жылы | Құжаттарды тапсыру кезінде |
|  | Geometrothermodynamics of 3D regular black holes | Article | Entropy 2024, *26*(6), 457; <https://doi.org/10.3390/e26060457>  ISSN:1099-4300 | 2024  2.7; Q2  Physics, Multidisciplinary | 2024  2.7; Q2  Physics, Multidisciplinary | 2024  4.7; Q1; 76%  Physics and Astronomy | 2024  4.7; Q1; 76%  Physics and Astronomy |  |
|  | Adiabatic theory in Kerr spacetimes | Article | General Relativity and Gravitation, May 2024, 56(67)  <https://doi.org/10.1007/s10714-024-03255-3>  <https://www.scopus.com/record/display.uri?eid=2-s2.0-85194575586&origin=resultslist>  <https://www.webofscience.com/wos/woscc/full-record/WOS:001232492500001> | 2024  2.8; Q2  Astronomy & Astrophysics | 2023  2.8; Q2  Astronomy & Astrophysics | 2024  4.6  73%, Q2  Physics and Astronomy | 2023  4.6  73%, Q2  Physics and Astronomy | Kuantay Boshkayev, Gulmira Nurbakyt, Hernando Quevedo, Gulnara Suliyeva, Abylaykhan Tlemissov, Zhanerke Tlemissova, Anar Dalelkhankyzy, Aliya Taukenova, Ainur Urazalina, Zdenek Stuchlík, Sholpan Gumarova |
|  | Bending of light by Magnetars within Generalized Born–Infeld Electrodynamics: Insights from the Gauss-Bonnet Theorem | Article | Symmetry 2024, vol. 16(1), 132;  [**https://doi.org/10.3390/sym16010132**](https://doi.org/10.3390/sym16010132)  <https://www.scopus.com/record/display.uri?eid=2-s2.0-85183343246&origin=resultslist>  ISSN: 20738994 | 2024  2,7; Q1  Multidisciplinary Sciences | 2023  2,7; Q1  Multidisciplinary Sciences | 2024  5.3  80%, Q1  Physics and Astronomy | 2023  5.4  80%, Q1  Physics and Astronomy | Tursynbek Yernazarov, Manas Khassanov, Saken  Toktarbay, Aliya Taukenova, Amankhan Talkhat. |
|  | Nonlinear electrodynamical lensing of electromagnetic waves on the dipole magnetic ¯eld of the magnetar | Article | International Journal of Modern Physics D (IJMPD).  Volume No. 32, Issue No. 16, Article No. 2350106, Year 2023.  DOI: 10.1142/S0218271823501067  <https://www.scopus.com/record/display.uri?eid=2-s2.0-85185919311&origin=resultslist>  ISSN 02182718 | 2023  2,2; Q3  Astronomy & Astrophysics | 2023  2,2; Q3  Astronomy & Astrophysics | 2023  3,8  58%, Q2  Astronomy & Astrophysics | 2023  3,8  58%, Q2  Astronomy & Astrophysics | Medeu Abishev, Saken Toktarbay, Tursynbek Yernazarov, Yerlan Aimuratov and Manas Khassanov |
|  | Stability properties of geometrothermodynamic cosmological models | Article | Entropy 2023, 25(10), 1391; <https://doi.org/10.3390/e25101391>  <https://www.scopus.com/record/display.uri?eid=2-s2.0-85175234749&origin=resultslist>  ISSN:1099-4300 | 2023  2,7; Q2  Physics, Multidisciplinary | 2023  2,7; Q2  Physics, Multidisciplinary | 2023  4.9; Q1; 75%  Physics and Astronomy | 2023  4.9  Q1; 75%  Physics and Astronomy | Medeu Abishev, Manas Khassanov, Temirbolat Aitassov, Sagira Mamatova, Saken Toktarbay |
|  | Gravitational refraction of compact objects with quadrupole | Article | Symmetry 2023, vol. 15(3), 614. <https://doi.org/10.3390/sym15030614> (Scopus CiteScore 4.8, impact factor 2,94 Процентиль 78, Q1  <https://doi.org/10.3390/sym15030614>  https://www.scopus.com/record/display.uri?eid=2-s2.0-85152692986&origin=resultslist  ISSN:2073-8994 Q1; 78% | 2023  2,7;Q2  Multidisciplinary Sciences | 2022  2,7; Q2  Multidisciplinary Sciences | 2023  5.4;  Q1; 80%  Physics and Astronomy | 2022  4.9;  Q1; 78%  Physics and Astronomy | Utepova, D.; Abishev, M.; Quevedo, H.; Khassanov, M.; Toktarbay, S. |
|  | Approximate perfect fluid solutions with quadrupole moment | Article | International Journal of Modern Physics D, 2021, Vol. 30, No. 13  DOI: 10.1142/S0218271821500966  <https://www.scopus.com/record/display.uri?eid=2-s2.0-85117184431&origin=resultslist>  ISSN 02182718 | 2021  2,2; Q3  Astronomy & Astrophysics | 2020  2,2; Q3  Astronomy & Astrophysics | 2021  4.3  65%, Q2  Astronomy & Astrophysics | 2020  4.3  65%, Q2  Astronomy & Astrophysics | Medeu Abishev, Farida Belissarova, Kuantay Boshkayev, Aizhan Mansurova, Aray Muratkhan, Hernando Quevedo, and Saken Toktarbay |
|  | Effects of non-linear electrodynamics of vacuum in the magnetic quadrupole field of a pulsar | Article | Monthly Notices of the Royal Astronomical Society, Volume 481, Issue 1, 2018, Pages 36–43  DOI  10.1093/mnras/sty2272  <https://www.scopus.com/record/display.uri?eid=2-s2.0-85054066972&origin=resultslist>  ISSN 00358711 | 2018  4,8; Q1  Astronomy & astrophysics | 2017  5,356; Q1  Astronomy & astrophysics | 2018  9,5;  Q1; 85%  Astronomy and Astrophysics | 2017  9,5;  Q1; 85%  Astronomy and Astrophysics | M Abishev, S Toktarbay, F B Belissarova, M K Khassanov, A S Kudussov, A Zh Abylayeva |
|  | Some astrophysical effects of nonlinear vacuum electrodynamics in the magnetosphere of a pulsar | Article | Astroparticle Physics, Volume 73, 15 January 2016, Pages 8–13  DOI  10.1016/j.astropartphys.2015.04.010  <https://www.scopus.com/record/display.uri?eid=2-s2.0-84938273556&origin=resultslist>  ISSN 09276505 | 2016  2,8; Q2  Astronomy & astrophysics | 2016  2,8; Q2  Astronomy & astrophysics | 2016  8,0;  Q1; 79%  Astronomy and Astrophysics | 2016  8,0;  Q1; 79%  Astronomy and Astrophysics | M Abishev, Ye. Aimuratov, Ye. Aldabergenov, Zhami B., M. Takibayeva |

**ӘЛ-ФАРАБИ АТЫНДАҒЫ ҚАЗАҚ ҰЛТТЫҚ УНИВЕРСИТЕТІ**

**Бейсен Нұрзада Әбдібекқызының**

**ғылыми еңбектерінің тізімі**

|  |  |  |  |
| --- | --- | --- | --- |
| № | Еңбектің атауы | Баспа аты, журнал  (№ жыл), авторлық куәлік № | Cеріктес авторлар |
|  | Propagation of X-ray and gamma ray emissions in strong magnetic and gravitational fields | Physical Sciences and Technology Vol. 2 (No. 2), 2015, pp 70-74.  ISSN 2409-6121  DOI: <https://doi.org/10.26577/2409-6121-2015-2-2-70-74>  <https://phst.kaznu.kz/index.php/journal/article/view/75> | M. Abishev, Zh. Brisheva, F. Belissarova |
|  | Согласование условий для внутреннего и внешнего пространства-времени астрофизических компактных объектов | Вестник КазНУ. Серия физическая. – 2019. - №4.(71). -С. 45-50.  DOI: <https://doi.org/10.26577/RCPh-2019-i4-6>  <https://bph.kaznu.kz/index.php/zhuzhu/article/view/1222> | Мансурова А.А. Эрнандо Кэведо Алимкулова М.О. и др. |
|  | Определения релятивистских мультипольных моментов в ньютоновской гравитации массивных объектов | Recent Contributions to Physics. №1 (72). 2020, pp 11-18  DOI: <https://doi.org/10.26577/RCPh.2020.v72.i1.02>  <https://bph.kaznu.kz/index.php/zhuzhu/article/view/1237> | M. Abishev, Q. Hernando, S. Toktarbay, A.A. Mansurova, M. Alimkulova, A. Muratkhan, N.М. Dzhapashov, B.C. Kusmanova |
|  | Matching conditions in general relativity | Recent Contributions to Physics Вестник ТарМПУ, №1 (41), 2020, 167-176 p. | Aizhan Mansurova, Hernando Quevedo |
|  | Mоdernizаtiоn оf eduсаtiоn аnd key соmpetenсes оf the teасher | Вестник ТарМПУ, №2 (42), 2020, 41-46 p. | Gumаrоvа Sh.B., Mаmаevа I.А., Ubаidulаyevа N.А. |
|  | Stationar spherical-symmetric configuration of dark matter | Physical Sciences and Technology, 2020. Vol. 7 (No. 1-2).Р. 63-66.  <https://doi.org/10.26577/phst.2020.v7.i1.10>  <https://www.scopus.com/record/display.uri?eid=2-s2.0-85175841022&origin=resultslist> | M. Abishev, B. Karsimanov, I. Uspanov, M.O. Alimkulova |
|  | Modified gravity as a common cause for cosmic acceleration and flat galaxy rotation curves | Bulletin of the Dulaty University. - 2021. -№1. - С.43-49.  ISSN 2307-1079 | А. Mansurova; M.O. Alimkulova; D.A. Demissenova |
|  | Application of GBT theorem for Gravitational deflection of light by Compact Objects | Recent Contributions to Physics. №1 (84). 2023. 15-21 p. <https://doi.org/10.26577/RCPh.2023.v84.i1.02>  <https://bph.kaznu.kz/index.php/zhuzhu/article/view/1655>  <https://www.webofscience.com/wos/woscc/full-record/WOS:000968987700002> | D. Utepova, A. Muratkhan, A. Orazymbet, M. Khassanov, S. Toktarbay |
|  | Exploring nonlinear vacuum electrodynamics beyond Maxwell’s Equations | International Journal of Mathematics and Physics, 2023, 14(1), pp. 61–70. <https://doi.org/10.26577/RCPh.2023.v84.i1.02>  <https://www.scopus.com/sourceid/21101077679?origin=resultslist> | Medeu Abishev, Saken Toktarbay, Tursynbek Yernazarov, Daniya Utepova, Madina Zhakipova |
|  | Analysis of dark matter profiles in the halos of spiral galaxies | Physical Sciences and Technology. Vol. 10 (No. 3-4), 2023: 4-16 p.  <https://doi.org/10.26577/phst.2023.v10.i2.01>  <https://www.scopus.com/record/display.uri?eid=2-s2.0-85183441817&origin=resultslist> | Ye. Kurmanov, K. Boshkayev, T. Konysbayev, M. Muccino, A. Urazalina, G. Ikhsan, N. Saiyp, G. Rabigulova, M. Karlinova |
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|  | An overview of light ray deflection calculation by magnetars in nonlinear electrodynamics | Вестник Карагандинского университета. Серия Физика. 29 том. №2(114). 2024. Стр. 65-71.  <https://doi.org/10.31489/2024ph2/65-71>  <https://physics-vestnik.ksu.kz/index.php/physics-vestnik/article/view/689> | M. Abishev, S. Toktarbay,  T. Yernazarov, M. Khassanov, D. Utepova, M. Alimkulova, A. Abduali |
|  | Comparing the efficiency of GPU and CPU in gravitational lensing simulation | International Journal of Mathematics and Physics, 2024, 15(1), pp. 49–56.  <https://doi.org/10.26577/ijmph.2024v15i1a6>  <https://ijmph.kaznu.kz/index.php/kaznu/article/view/819/328> | D.S. Utepova, V.N. Kossov, S. Toktarbay,  M.K. Khassanov, T. Yernazarov, A.K. Imanbayeva |
|  | The internal structure and general relativistic calculations of compact objects | «Вестник КазНПУ им. Абая, серия «Физико-математические науки» ТОМ 85 № 1 (2024), 63-71 p.  DOI: [*10.51889/2959-5894.2024.85.1.006*](https://doi.org/10.51889/2959-5894.2024.85.1.006)  <https://bulletin-phmath.kaznpu.kz/index.php/ped/article/view/1918/946> | A. Muratkhan, T. Kapar, K. Amanbayeva, T. Yernazarov |
|  | Movement of a tandem magnetic nanoparticle in an alternating magnetic field | Вестник НЯЦ РК. 2 (98), 2024; 99-103.  ISSN 1729-7516  <https://doi.org/10.52676/1729-7885-2024-2-99-103>  <https://www.nnc.kz/media/bulletin/files/tVeKBb0aZQ.pdf> | G.B. Serikakhmetova, M.E. Abishev |
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|  | Теориялық механика | Учебник / Н.Ә. Бейсен. – Алматы: Қазақ университеті, 2023. – 18,5 б.т.  ISBN 978-601-04-6387-5 |  |
|  | Lecture Course on Theoretical Mechanics | Учебник на английском языке под грифом УМО РУМС и МНВО РК / N. Beissen, H. Quevedo. – Алматы: Қазақ университеті, 2024. – 9,75 б.т.  ISBN 978-601-04-6520-6 | H. Quevedo |
|  | Жалпы салыстырмалылық теориясындағы гравиомагниттік өрістің қасиеттері | Монография / Н.Ә. Бейсен. – Алматы: Қазақ университеті, 2024. – 9 б.т. |  |
|  | Curvature eigenvalues of the q-metric | Доклады НАН РК Volume 2. Number 350 (2024), 17-30  ISSN 2224-5227  DOI: <https://doi.org/10.32014/2024.2518-1483.274>  <https://journals.nauka-nanrk.kz/reports-science/article/view/6494> | N. Beissen, Quevedo H., S. Toktarbay, M. Zhakipova , M. Alimkulova |