**Список публикаций в международных рецензируемых изданиях**

Фамилия претендентаКалытка Валерий Александрович

Идентификаторы автора Kalytka V.A.:

[Scopus Author ID: 15033113300](http://www.scopus.com/inward/authorDetails.url?authorID=15033113300&partnerID=MN8TOARS" \t "_blank) **(**<https://www.scopus.com/authid/detail.uri?authorId=15033113300>**)**

Web of Science Researcher ID: **AAR-8471-2020**

ORCID: [https://orcid.org/0000-0002-3232-1285](https://orcid.org/0000-0002-3232-1285" \t "_blank)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № п/п | Название публикации | Тип публикации (статья, обзор и т.д.) | Наименование журнала, год публикации (согласно базам данных), DOI | Импакт-фактор журнала, квартиль и область науки\* по данным Journal Citation Reports за год публикации | Индекс в базе данных Web of Science Core Collection | CiteScore журнала, процентиль и область науки\* по данным Scopus (Скопус) за год публикации | ФИО авторов (подчеркнуть ФИО претендента) | Роль претендента (соавтор, первый автор или автор для корреспонденции) |
| 1 | Quasi-Classical Models of Nonlinear Relaxation Polarization and Conductivity in Electric, Optoelectric, and Fiber Optic  Elements Based on Materials with Ionic–Molecular  Chemical Bonds | Статья (Article) | **Applied Sciences** Switzerland. Section: **Applied Physics**. **18 December 2024**, Vol. *14* Issue 24, No. 11830; 104 p. DOI: <https://doi.org/10.3390/app142411830> | 2,5 (2023)  Q2, PHYSICS, APPLIED  *in SCIE edition* |  | CiteScore – 5.3  (2023)  **Процентиль – 70**  Область науки – Physics and Astronomy | Valeriy Kalytka  Ali Mekhtiyev  Yelena Neshina  Aliya Alkina  Yelena Senina  Arkadiy Bilichenko Yelena Sidorina Akylbek Beissekov Galina Tatkeyeva Yermek Sarsikeyev | Первый  Автор |
| 2 | Theoretical Studies of Nonlinear Relaxation Electrophysical Phenomena in Dielectrics with Ionic–Molecular Chemical Bonds in a Wide Range of Fields and Temperatures | Статья (Article) | **Applied Sciences** Switzerland. Section: **Applied Physics**. ISSN 2076-3417. 28 June 2022. Vol. 12, Issue 13, No. 6555, 35 p.  <https://doi.org/10.3390/app12136555> | 2,7 (2022)  Q2, PHYSICS, APPLIED  *in SCIE edition* |  | CiteScore – 4.5 (2022)  **Процентиль – 69**  Область науки – Physics and Astronomy | Kalytka Valeriy  Bulatbayev F.  Neshina Y.  Bilichenko Y.  Bilichenko A.  Bashirov A.  Sidorina Y.  Naboko Y.  Malikov N.  Senina Y. | Первый  Автор |
| 3 | Influence of Quantum Effects on Dielectric Relaxation in Functional Electrical and Electric Energy Elements Based on Proton Semiconductors and Dielectrics | Статья (Article) | **Applied Sciences** Switzerland. Section: **Applied Physics**. ISSN 2076-3417. 28 July 2023. Vol. 13, Issue 15, No. 8755, 29 p. <https://doi.org/10.3390/app13158755> | 2,5 (2023)  Q2,  PHYSICS, APPLIED  *in SCIE edition* |  | CiteScore – 5.3 (2023)  **Процентиль – 70**  Область науки – Physics and Astronomy | Kalytka Valeriy  Neshina Y.  Baimukhanov Z.  Mekhtiyev A.  Dunayev P. Galtseva O.Senina Y. | Первый Автор |
| 4 | Physical and Mathematical Models of Quantum Dielectric Relaxation in Electrical and Optoelectric Elements Based on Hydrogen-Bonded Crystals | Статья (Article) | Crystals. Thе article belongs to the Special Issue [Theoretical Investigation on Non-covalent Interactions](https://www.mdpi.com/journal/crystals/special_issues/theoretical_interactions). 23 August 2023. Vol. 13, Issue 9, No. 1353, 51 p.  <https://doi.org/10.3390/cryst13091353> | 2,4 (2023)  Q2,  CRYSTALLOGRAPHY  *in SCIE edition* |  | CiteScore – 4.2  (2023)  **Процентиль – 60**  Область науки – Physics and Astronomy (Condensed Matter Physics) | Kalytka Valeriy  Y. Neshina  A.Alkina  R. Aimagambetova  G. Mukhambetov  A. Bashirov Dmitriy A. Bilichenko D. Zhumagulova | Первый Автор |
| 5 | Developing an Intelligent Fiber-Optic System for Monitoring Reinforced Concrete Foundation Structure Damage | Статья (Article) | Applied Science. Section Civil Engineering. ISSN 2076-3417. 2 November 2023. Vol.13, Issue 21, No.11987, 23 p. <https://doi.org/10.3390/app132111987> | 2,5 (2023)  Q2, PHYSICS, APPLIED  *in SCIE edition* |  | CiteScore – 5.3  (2023)  **Процентиль – 70**  Область науки – Physics and Astronomy | Ali Mekhtiyev  Yelena Neshina  Aliya Alkina  Vyacheslav Yugay Kalytka ValeriyYermek Sarsikeyev |  |
| 6 | Synthesis of Orthorhombic Tin Dioxide Nanowires in Track Templates | Статья (Article) | Materials. Section Advanced Nanomaterials and Nanotechnology. 7 March 2024. Vol. 17, Issue 6, No. 1226, 14 p. <https://doi.org/10.3390/ma17061226> | 3,1 (2023)  Q2  PHYSICS, CONDENSED MATTER |  | CiteScore – 5.8  (2023)  **Процентиль – 73**  Область науки – Physics and Astronomy (Condensed Matter Physics) | Zein Baimukhanov  Alma Dauletbekova  Diana Junisbekova  Kalytka Valeriy  Abdirash Akilbekov  Aiman Akylbekova  Guldar Baubekova  Gulnara Aralbayeva  Assyl-Dastan Bazarbek  Abay Usseinov et al. |  |
| 7 | Fiber-Optic System for Monitoring Pit Collapse Prevention | Статья (Article) | Applied Science. Section [Optics and Lasers](https://www.mdpi.com/journal/applsci/sections/optics).29 May 2024. Vol.14, Issue 11, No.4678,18p. **<https://doi.org/10.3390/app14114678>** | 2,5 (2023)  Q2, PHYSICS, APPLIED  *in SCIE edition* |  | CiteScore – 5.3  (2023)  **Процентиль – 70**  Область науки – Physics and  Astronomy | Neshina Y.  Mekhtiyev A.  Kalytka Valeriy  Kaliaskarov N.  Galtseva O.  Kazambayev I. |  |
| 8 | Fiber-Optic Long-Base Deformometer for a Systemfor Monitoring Rocks on the Sides of Quarries | Статья (Article) | *Technical Physics Letters.* 2022, Vol. 48, No. 15, pp. 30–32.  <https://doi.org/10.1134/S1063785022070057>  <https://link.springer.com/article/10.1134/S1063785022070057> | 0,6 (2022)  Q4, PHYSICS, APPLIED  *in SCIE edition* | 0,12 (2023) | CiteScore – 1.7  (2022)  **Percentile (Процентиль)**  **– 36** | A. D. Mekhtiyev  A. V. Yurchenko  Kalytka Valeriy  Y. G. Neshina  A. D. Alkina  P. Sh. Madi |  |
| 9 | Non-linear polarizing effects in dielectrics with hydrogen bonds | Статья (Article) | Russian Physics Journal. - Vol. 61, No.4, August, 2018. – pp. 757- 769. DOI: 10.1007/s11182-018-1457-8. | 0,625 (2018)  Q4,  PHYSICS, MULTIDISCIPLINARY  *in SCIE edition* | 0,12 (2023) | CiteScore – 1.0  (2018)  **Percentile (Процентиль) – 27** Область науки – General Physics and Astronomy | Kalytka Valeriy  Korovkin M.V.  Mekhtiev A.D.  Yurchenko A. V. | Первый Автор |
| 10 | Non-linear electro-physical phenomena in ion dielectrics with a complicated crystal structure | Статья (Article) | Russian Physics Journal. Издательство: Springer New-York Consultants Bureau. - Vol. 63, No.2, June, 2020. – pp. 282- 289. DOI: 10.1007/s11182-020-02033-3 | 0,664 (2020)  Q4,  PHYSICS, MULTIDISCIPLINARY  *in SCIE edition* | 0,12 (2023) | CiteScore – 1.4  (2020)  **Percentile (Процентиль) – 34** Область науки – Physics and Astronomy | Kalytka Valeriy  Bashirov A.V.  Mekhtiev A.D.  Yurchenko A. V. | Первый Автор |
| 11 | The impact of the nonlinear effects on thermally stimulated depolarization currents in ion dielectrics | Статья (Article) | Periodicals of Engineering and Natural Sciences, Vol. 9, No. 3, July 2021, pp.195-217.ISSN 2303-4521. DOI:  <http://pen.ius.edu.ba/index.php/pen/article/view/2111/869> |  |  | CiteScore – 1.7  **Процентиль – 35** Область науки – Electrical and Electronic Engineering | Valeriy A. Kalytka  Aleksander V. Bashirov  Galina G. Tatkeyeva  Yelena A. Sidorina  Bektas S. Ospanov  Tatyana L. Ten | Первый Автор |

**Соискатель Калытка В.А.**

**Ученый секретарь Жижите А.А.**