Приложение 2

К Правилам присвоения

Ученых званий

(ассоциированный профессор

(доцент), профессор)

Список

публикаций в международных рецензируемых изданиях

Аймуханова Айтбека Калиевича

Идентификаторы автора:

Scopus Author ID: 35321945000

Web of Science Researcher ID: U-6141-2018

ORCID: https://orcid.org/0000-0002-4384-5164

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| №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 (Жорнал Цитэйшэн Репортс) за год публикации | Индекс в базе данных Web of Science Core Collection (веб оф Сайенс кор Коллекшн) | CiteScore (СайтСкор) журнала, процентиль область науки по данным Scopus (Скопус) за год публикации | ФИО авторов (подчеркнуть ФИО претендента) | Роль претендента (соавтор, первый автор или автор для корреспонденции) |
| 1 | The role of alcoholic solvents in PEDOT:PSS modification as hole transport layers for polymer solar cells | Статья | Optical Materials. – 2022. – Vol. 131. – P. 112708.DOI: 10.1016/j.optmat.2022.112708 | **SJR 2022 – 0.611;****SNIP 2022 – 0.924****2022** **IF 3.9,**Квартиль**Materials Science, Multidisciplinary - Q2****Optics – Q2** |  | **Cite Score 2022 – 5.6;****Materials Science***Electronic, Optical and Magnetic Materials –* **71****Physics and Astronomy***Atomic and Molecular Physics, and Optics -* **72** | X.S. Rozhkova,A.K. Aimukhanov,B.R. Ilyassov,A.K. Zeinidenov | Соавтор |
| 2 | The role of surface defects in the charge transport in organic solar cells based on oxidized indium thin films | Статья | Surfaces and Interfaces. – 2022. – Vol.31. –P. 102026.DOI: 10.1016/j.surfin.2022.102026 | **SJR 2022 – 0.856****SNIP 2022 – 1.205****2022****IF 6.2**Квартиль**Materials Science, Coatings & Films – Q1****Physics, Applied – Q1****Physics, Condensed Matter – Q1** |  | **Cite Score 2022 – 7.0****Materials Science***Surfaces, Coatings and Films -* **79** | G.I. Omarbekova,B.R. Ilyassov,A.K. Аimukhanov,D.T. Valiev,A.K. Zeinidenov,V.V. Kudryashov | Соавтор |
| 3 | Competitive charge transport processes in inverted polymer solar cells based on ZnO thin films | Статья | Applied Physics A. – 2022. – Vol.128. – P. 407. DOI: 10.1007/s00339-022-05560-7 | **SJR 2022 – 0.449****SNIP 2022 – 0.748****2022****IF 2.7**Квартиль**Physics, Applied – Q2,** **Materials Science, Multidisciplinary – Q3** |  | **Cite Score 2022 – 4.6****Materials Science** *General Materials Science -* **56** | T.E. Seisembekova,A.K. Aimukhanov,A.K. Zeinidenov,B.R. Ilyassov | Соавтор |
| 4 | The effect of MoO3 interlayer on electro-physical characteristics of the perovskite solar cells | Статья | Synthetic Metals. - 2021. - Vol. 281. – P. 116903.DOI: 10.1016/j.synthmet.2021.116903 | **SJR 2022 – 0.668****SNIP 2022 –** **0.721****2022****IF 4.4**Квартиль**Materials Science, Multidisciplinary – Q2****Physics, Condensed Matter – Q2****Polymer Science – Q2****SJR 2021 – 0.613****SNIP 2021 – 0.74****2021****IF 4.0**Квартиль**Materials Science, Multidisciplinary – Q2****Physics, Condensed Matter – Q2****Polymer Science – Q2****Materials Science – Q2** |  | **Cite Score 2022 – 7.1****Materials Science***Metals and Alloys* **– 85****Physics and Astronomy***Condensed Matter Physics* **– 84****Materials Science***Electronic, Optical and Magnetic Materials* **– 79****Cite Score 2021 – 5.5****Materials Science** *Metals and Alloys –* **84****Physics and Astronomy***Condensed Matter Physics* – **75****Materials Science***Electronic, Optical and Magnetic Materials* – **74** | A. Zeinidenov,T.Mukametkali,B. Ilyassov,A. Aimukhanov,D. Valiev | Соавтор |
| 5 | Influence of the size effect on the generation and transport of chargecarriers of phthalocyanines | Статья | Optical Materials. - 2021. - Vol. 116. - P. 111099. DOI:10.1016/j.optmat.2021.111099 | **SJR 2022 – 0.611;****SNIP 2022 – 0.924****2022** **IF 3.9,**Квартиль**Materials Science, Multidisciplinary - Q2****Optics – Q2****SJR 2021 – 0.583****SNIP 2021 – 0.91****2021****IF 3.754**Квартиль**Materials Science, Multidisciplinary - Q3****Optics – Q2** |  | **Cite Score 2022 – 5.6;****Materials Science***Electronic, Optical and Magnetic Materials –* **71****Physics and Astronomy***Atomic and Molecular Physics, and Optics -* **72****Cite Score 2021 – 5.2;****Materials Science** *Electronic, Optical and Magnetic Materials* **– 71****Physics and Astronomy***Atomic and Molecular Physics, and Optics* **- 70** | A.Aimukhanov,A.Zeinidenov,A. Zavgorodniy | Первый автор и автор для корреспонденции |
| 6 | Effects of phthalocyanine nanostructure on photovoltaic performance of its polymer composite thin films | Статья | Materials Chemistry and Physics. - 2021. - Vol. 267. - P. 124680. DOI:10.1016/j.matchemphys.2021.124680 | **SJR 2022 – 0.750****SNIP 2022 – 1.039****2022** **IF 4.6**Квартиль**Materials Science, Multidisciplinary – Q2****SJR 2021 – 0.749****SNIP 2021 – 0.984****2021****IF 4.778**Квартиль**Materials Science, Multidisciplinary – Q2** |  | **Cite Score 2022 – 7.7****Physics and Astronomy***Condensed Matter Physics* **– 86****Materials Science***General Materials Science* **- 79****Cite Score 2021 – 7.0;****Physics and Astronomy***Condensed Matter Physics* **- 85****Materials Science***General Materials Science –* **79** | A.K. Zeinidenov,A.K. Aimukhanov,D.S. Kambar,B.R. Ilyassov,A.V. Zavgorodniy | Соавтор |
| 7 | The influence of structural and charge transport properties of PEDOT:PSS layers on the photovoltaic properties of polymer solar cells | Статья | Polymers for Advanced Technologies. - 2021. - № 32(2). - P. 479-504.DOI: 10.1002/pat.5102 | **SJR 2022 – 0.585****SNIP 2022 – 0.806****2022****IF 3.4**Квартиль**Polymer Science – Q2****SJR 2021 – 0.589****SNIP 2021 – 0.799****2021****IF 3.348**Квартиль**Polymer Science – Q2** |  | **Cite Score 2022 – 5.8****Materials Science***Polymers and Plastics –* **72****Cite Score 2021 – 5.5****Materials Science***Polymers and Plastics –* **76** | A.K. Aimukhanov,X.S. Rozhkova,B.R. Ilyassov,A.K. Zeinidenov,N. Nuraje | Первый автор |
| 8 | Influence of system dimension on the generation and charge carrier transfer in copper phthalocyanine nanostructures | Статья | Journal of Photonics for Energy. - 2020. - №1(10). – P. 015501DOI: 10.1117/1.JPE.10.015501 | **SJR 2022 – 0.445****SNIP 2022 –** **0.571****2022****IF 1.7**Квартиль**Materials Science, Multidisciplinary – Q4****Physics, Applied – Q3****SJR 2020 – 0.564****SNIP 2020 – 0.466****2020****IF 1.836**Квартиль**Materials Science, Multidisciplinary – Q4****Physics, Applied – Q3** |  | **Cite Score 2022 – 4.3****Physics and Astronomy***Atomic and Molecular Physics, and Optics* **- 60****Cite Score 2020 – 3.7;****Physics and Astronomy***Atomic and Molecular Physics, and Optics* **- 61** | A. Aimukhanov,A.Zeinidenov,A. Zavgorodniy | Первый автор |
| 9 | Influence of plasmon resonance in silver nanoparticles on the properties of stimu-lated emission of 1,3,5,7,8-pentamethyl-2,6-diethylpyrromethene-difluoroborate molecules in film of porous aluminum oxide | Статья | Optics and laser technology. - 2019. - Vol. 115. - Р. 246-250.DOI: 10.1016/j.optlastec.2019.02.040 | **SJR 2022 – 0.874****SNIP 2022 –** **1.577****2022****IF 5.0**Квартиль**Optics – Q1****Physics, Applied – Q1****SJR 2019 – 0.792****SNIP 2019 – 1.537****2019****IF 3.233**Квартиль**Optics – Q1****Physics, Applied – Q2** |  | **Cite Score 2022 – 8.3****Physics and Astronomy***Atomic and Molecular Physics, and Optics –* **83****Materials Science***Electronic, Optical and Magnetic Materials -* **83****Cite Score 2019 – 5.3****Physics and Astronomy***Atomic and Molecular Physics, and Optics –* **78****Materials Science***Electronic, Optical and Magnetic Materials -* **78** | N. Kh. Ibrayev,A.K. Aimukhanov | Автор для корреспонден-ции |
| 10 | Influence of gold nanoparticles on the properties of stimulated emission of 6-amino-1h-phenalen-1-one in the pores of anodized aluminum oxide | Статья | Journal of Luminescence. - 2018. – Vol. 204. - Р. 216-220.DOI: 10.1016/j.jlumin.2018.08.030 | **SJR 2022 – 0.597****SNIP 2022 –** **0.960****2022****IF 3.6**Квартиль**Optics – Q2****SJR 2018 – 0.645****SNIP 2018 – 1.065****2018****IF 2.961**Квартиль**Optics – Q2** |  | **Cite Score 2022 –** **7.0****Physics and Astronomy***Condensed Matter Physics -* **83****Cite Score 2018 – 4.8****Physics and Astronomy***Condensed Matter Physics -* **78** | A.K. Aimukhanov, N. Kh. Ibrayev | Первый автор |

Декан физико-технического факультета Зейниденов А.К.