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 TASHKILOT MANZILI: Urganch shahar Xamid Olimjon ko‘chasi 14. 220100

DARAJASI	2005 – 2009 yy Urganch davlat universiteti (bakalavr) 2009 – 2011yy O‘zbekiston Milliy universiteti (magistr) 2020 y – PhD, 01.04.06 - Polimerlar fizikasi, Polimerlar kimyosi va fizikasi instituti
TAJRIBA	2011-2014 yy. - Urganch davlat universiteti fizika kafedrası stajyor o‘qituvchisi 2014- 2017 yy.- Urganch davlat universiteti fizika kafedrası o‘qituvchisi 2017- 2019 yy.- Urganch davlat universiteti fizika kafedrası tayanch doktoranti 2020- 2021 yy. - Urganch davlat universiteti fizika kafedrası katta o‘qituvchisi 2021 y. - h.v. - Urganch davlat universiteti fizika kafedrası dotsenti
MUTAXASSISLIGI	Fizika
O‘QITADIGAN FANLARI	Umumiy fizika, optika, atom yadrosi va elementar zarrachalar fizikasi, atom fizikasi, nazariy fizika.
TADQIQOT ISHI	Organik va gibrid quyosh elementlarida zaryad tashuvchilar dinamikasi modellashtirish va ularni boshqarish usullarini ishlab chiqish.
TADQIQOTLARI	1. O‘zbekiston Respublikasi innovatsion rivojlanish vazirligintg BF2-022 raqamli «Tarmoqlangan uglerod nanostrukturalarida kvant transporti» loyihāsida qatnashgan (2020 y tugagan). 2. Xalqaro O‘zbekiston-Germaniya “Динамика носителей заряда в тонкопленочных солнечных элементах на основе полимеров” mavzusidagi M/UZ-GER-06/2016 (UZB-007) raqamli ilmiy tadqiqot ishida qatnashgan (2020 y tugagan).
HOZIRGI TADQIQOTLARI	1. Babajanov D.B., Matyokubov H.Sh., Matrasulov D.U. Charged solitons in branched conducting polymers. // The Journal of Chemical Physics 149, 164908 (2018) (№3, Scopus CiteScore 5,2). 2. Babajanov D.B., Matyokubov H.Sh. Soliton mechanism of charge transport in branched conducting polymers and verification of conservation laws. // Mintaqada zamonaviy fan, ta’lim va tarbiyaning dolzarb muammolari, 2018 №4. 7-18 b. (01.00.00; №10). 3. J.R. Yusupov, Kh.Sh. Matyokubov, K.K. Sabirov. Particle transport in a network of quantum harmonic oscillators. // Nanosystems: physics, chemistry, mathematics, 2020, 11 (2), p. 145–152. (01.00.00; №5).

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7. A.E. Atamuratov, U.A. Aminov, Z.A. Atamuratova, M. Halillaev, A. Abdikarimov, H. Matyakubov. The lateral capacitance of nanometer MNOSFET with a single charge trapped in oxide layer or at SiO₂ - Si₃N₄ interface. *Nanosystems: physics, chemistry, mathematics*, 2015, 6 (6), p. 837–842
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9. U. Kutliev, M. Kurbanov, X. Matyakubov. Investigation of ion scattering from the double component single crystal surfaces with atomic steps. *Proceedings of the XXI International Conference Yaroslavl, Russia, August 22–26, 2013.*
10. U. Kutliev, X. Matyakubov, X. Abdikarimov. Energy and Angular Distributions Scattered Ne⁺ Ions from the Gap (100) Surface. *Journal of Multidisciplinary Engineering Science and Technology (JMEST)*, Vol. 2, Issue 6, June – 2015.
11. D. Babajanov, H. Matyokubov. Kicked particle transport in armchair graphene nanoribbons. *Actual problems of modern science, education and training in the region Actual problems of mathematics, physics and mechanics*, 2018 volume 1, p. 5-14.
12. Matrasulov D.U., Matyokubov H.Sh., Yusupov J. Wave dynamics in driven quantum networks. // «Яримўтказгичлар физикасининг ва қайта тикланувчи энергия манбаларини ривожлантиришнинг замонавий муаммолари» Республика илмий-амалий анжумани материаллари. Андижон, 2018 йил 20-21 апрель, 35-36 б.
13. Matyokubov H.Sh., Babajanov D.B. O‘tkazuvchan polimerlarda zaryad tashuvchilar dinamikasini modellashtirish. // «Яримўтказгичлар физикасининг ва қайта тикланувчи энергия манбаларини ривожлантиришнинг замонавий муаммолари» Республика илмий-амалий анжумани материаллари. Андижон, 2018 йил 20-21 апрель, 39-40 б.
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- 17.** Babajanov D.B., Matyokubov H.Sh., Matrasulov D.U. Modeling of charge dynamics in conducting polymers. // Материалы «IV Международной конференции по оптическим и фотоэлектрическим явлениям в полупроводниковых микро- и наноструктурах». Фергана – 2018, 25-26 мая, стр 297.
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- 19.** Babajanov D.B., Matyokubov H.Sh. Charge transport in branched conducting polymers: quantum graphs based approach. // «5th International Conference on physics of optical materials and devices». Book of abstracts, Igalo, Montenegro 27-31 august 2018.
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