



وہزارہتا خواندنا بلند و فہ کولینین زانستی
سہرؤکاتیا زانکویا زاخو
رہفہبہریا گشتیا سہنتہرین فہ کولینین زانستی

کار و چالاکیین رہفہبہریا گشتیا سہنتہرین فہ کولینین زانستی

بوہارا ۲۰۲۵

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پیشه کی

ل ده می دهرچوونا بریارا دامه زاندا ریفه بهریا گشتیا سته رین فیه کولینین زانستی سهر ب زانکویا زاخو فیه ژ لای زور به ریز مسرور بارزانی سهرقو حکومه تا ههریم کوردستانی، ئیکسهر کار بو په سهند کرنا په یکهری کارگیری یی ریفه بهریی هاته کرنا. پستی په سهند کرنا په یکهری ریفه بهریی ل ههر دوو وه زاره تین (خواندا بلند و فیه کولینین زانستی و دارایی و ئابووری) کوژ ههشت هویین (هوبا سته رین شروفه کرنین کیمیایی فیه کولینان، هوبا سته رین فیه کولینین فیزیکی، هوبا سته رین هه سترنا ژ دویرفه و جیبه جیکرنا زانیاریین جوگرافی، هوبا سته رین فیه کولینین ئەندازیاری، هوبا سته رین فیه کولینین بایولوژی، هوبا سته رین جه زهری یی فیه کولینان، هوبا لایا سیمانتیک و یب و هوبا سته رین زاخو بو فیه کولینین کوردی) سته ران لگه ل دوو لابوران (TCCG و Prime) پیکدهیت، ئیکسهر هویین سته ران کار و چالاکیین خول دویف شیانین ل بهرده ست ده ستپیکرنا. د نه ق نامیلکه ییدا کار و چالاکیین ریفه بهریا گشتیا سته رین فیه کولینین زانستی بو سالین ۲۰۲۴-۲۰۲۵ ی هاتینه دیارکرنا.

۱. فیه کولینین زانستی

فیه کولینین زانستی نه وین ژ لای فیه کولهرین هویین سته ران فیه ل گوشارین زانستی یین پله بهرز هاتینه به لافکرنا، کو ژماره یا نه وان دبیته ۵۳ فیه کولین، ل خواری هاتینه دیارکرنا.

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۲	Enhancement of Optical Properties and Stability in CsPbBr 3 UsingCQD and TOP Doping for Solar Cell Applications
۳	Evaluation of the effect of several moisturizing creams using the low frequency electrical susceptance approach
۴	Variations in frequency and amplitude of nonspecific electrodermal responses
۵	Impact of gender differences and body mass index on skin biophysical parameters of coronavirus patients
۶	Disturbances in electrodermal activity recordings due to different noises in the environment
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۸	Electrodermal Activity for Quantitative Assessment of Dental Anxiety
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٢. ووركشوپین زانستی

ووركشوپین زانستی ئه‌وین ژ لای هۆپین سه‌نته‌ران فه‌هاتینه به‌ره‌هه‌فكرن و پيشكيشكرن، كو ژماره‌يا ئه‌وان ديبته ١٥ ووركشوپ، ل خوارى هاتینه دياركرن.

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Building Capacities in Nanotechnology	٢
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GIS Mapping Training Workshop	٤
Towards an Intelligent Kurdish Web Workshop	٥
Molecular Biology Techniques: From DNA Extraction to Bioinformatics	٦
DNA analysis – from sequencing to GenBank Submission	٧
Artificial Intelligence in Research: Best Practices and Ethical Considerations	٨
Mastering International Journal Selection and Submission: A Step-by-Step Guide for Researchers	٩
How to submit sequence data to NCBI and construct phylogenetic trees.	١٠
A workshop on AI was held at Amadiyah Technical Institute.	١١
High-Performance Liquid Chromatography (HPLC) A workshop on	١٢
A workshop on Atomic absorption spectrometry (AAS)	١٣
The role of medical physicist in medicine	١٤
A training workshop scientific research for higher education students	١٥

۳. پرۆږه یښ قوتابیښ ماسته رښه

هؤږښ سهر ب رښه به ریا گشتیا سته رښه ښه کولینښ زانستی ښه هاریکار بووینه لگهل قوتابیښ خواندنا ماسته رښه. ل خواری پرۆږه یښ قوتابیښ خواندنا ماسته رښه ښه وښ کارښ خو ښه پراکتیکی ل هؤږښ سهر ب رښه به ریا گشتیا سته رښه ښه کولینښ زانستی ښه ښه جامددهن، کو ژماره یا ښه وان دبته ۲۴ پرۆږه، ل خواری هاتینه دیارکرن.

رښه	ناښ قوتابیښ	ناښ پرۆږه یښ
۱	ستیه هشیارعلی	Electrical and optical properties of graphene-based nanocomposite
۲	اښ رمضان	Florescent based optical detection using green synthesized CQDs
۳	فراس حمید احمد	Investigation of the electrical and optical properties of organic/inorganic hybrid devices for different electronic application
۴	شهاب محمد علی	Expanding the Kurdish Part-of-Speech Annotated Corpus Using Crowdsourcing and Semi-Supervised Learning
۵	سلیم ایوب	Biosystematic study of some taxa genus Trigonella in district region of Iraq
۶	چارښ محمد	Biosystematic study in some taxa of the genus Onybrchis L.(Fabaceae) in district Kurdistan region, Iraq
۷	کارښ جمعه	Biosystematic study in some taxa of the genus Medicago L.(Fabaceae) Min District Kurdistan region_iraq
۸	عمر اکرم	Genetic Polymorphism of Endothelin-1 Gene and Its Plasma Levels with Hypertension and Coronary Artery Disease in Duhok Province Population
۹	لولاښ اسماعیل	The privelence of parasites eggs and larvae in soil and stray dogs fecal samples with molecular identification of the most prevelant species in zakho city of Iraq
۱۰	ریاض صدیق	Determination of Haplogroups, Y-chromosome STR and SNPs Variation in Kurdish, Armenian, and Arab Population in Iraq-Kurdistan Region.
۱۱	فرهاد رمضان	Exploring the Epidemiological, Morphological, and Molecular Characterization of Scorpions in Duhok Province, Kurdistan Region, Iraq
۱۲	کوثر رمضان	Isolation and molecular identification of fungal contaminants in dried medicinal plants in herbal Shops in Duhok and Zakho cities
۱۳	زښب موسی	Prevalence Of Intestinal Parasites and Associated Factors Among Infants and Children with Their Effects on Some Blood Parameters in Duhok Province, Kurdistan Region /Iraq
۱۴	رونډک عمر	Assessment of the role of Oxidative Stress and Cytokine Profiles in Patients with Diabetic Thyroid Dysfunction
۱۵	نوژښ دارا	Conventional and molecular identification of Malassezia species associated with healthy and symptomatic human skins in Duhok province
۱۶	هیلان حسن	Prevalence of Diarrhea caused by Entamoeba species and pathogenic bacteria with the molecular identification of Klebsiella species in Children referred to Zakho city Hospitals, Kurdistan Region- Iraq
۱۷	هنا شوکت	Prevalence and molecular identification of Had Lice among primary school students and refugees campus in Zakho district, Duhok province, Kurdistan, Iraq
۱۸	شیلان سامی	An evaluation of antifungal treatment efficacy in Duhok government using conventional and molecular methods to identify fungus infections in burn wounds.
۱۹	دلښښ یونس	Clinical and Demographic Characteristics of Type 2 Diabetes Mellitus- Hypertension Patients in Zakho, Iraq: Insight into Their Symptoms, Medication, and Over-all Health Status

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۴. پروژهین قوتابیښ دکتورای

ههروهسا هوښ سهر ب رښه بهرینا گشتیا سته رښه ښه کولینې زانستی څه هاریکاربووینه لگهل قوتابیښ خواندنا دکتورای. ل خواری پروژهین قوتابیښ خواندنا دکتورای څه وښ کارښ خو ښ پراکتیکی ل هوښ سهر ب رښه بهرینا گشتیا سته رښه ښه کولینې زانستی څه نجامدده، کو ژمارهیا څه وښ دبیته ۱۰ پروژه، ل خواری هاتینه دیارکرن.

ناښ پروژهین	ناښ قوتابیښ	ژ
Laser Beam Manipulating Parameters for ZnO Nanocrystal Growth	اواز عادل کریم	۱
Investigation of metal nanoparticles for electrocatalysis application	اری عکید	۲
Investigating of some parameters of atmospheric pressure plasma jet technology	اسراء احمد محمد	۳
Using Machine Learning Spatiotemporal Analysis of Forest Cover Change Algorithms in Duhok and Amedy Districts, Kurdistan Region of Iraq	هنداف نصرالدین حبیب	۴
Assessing, Modelling and Simulating Land Use Land Cover Dynamics in the Selected Districts in the Northeast of Erbil Province, Using GIS and Remote Sensing	عبدالقدیر ابراهیم احمد	۵
Climate Reconstruction Using Annual Diameter Increment of Stem Analysis and Carbon Sequestration of Natural Pinus brutia Ten. in Duhok Governorate	گلافیژ یاسین سلیم	۶
Integrative Machine Learning and Remote Sensing Approaches for Forest Conservation in Duhok, Kurdistan Region of Iraq: From Monitoring to Management.	ملت حسن عبدالله	۷
Enhancing Kurdish Natural Language Processing (KrdNLP) for Perso-Arabic Script: A Focus on Preprocessing and Tokenization	ځمان سعید	۸
Investigating molecular genetic diversity in key genes associated with type 2 diabetes mellitus(T2DM) using some genetic markers in Duhok province	نیرگز نضیف	۹
STR haplotype diversity, haplogroups distribution, and mtDNA sequence variation among some of the Iraqi Kurdistan population	نسرین جلال	۱۰

۵. کور و سمينار

سته تر څه زانستی رابووینه ب بهر هه فکرنا ژماره کا کور و سمينار ښتن جوړا جوړ ل سهر ئاستي زانکوي و ژ دهر فیه زانکوي ، کو ژماره یا نه وان دبته ۷ کور و سمينار، ل خوارى هاتينه ديارکرن.

ژ	ناښتن کور و سميناران
۱	The Science of Publishing, Platforms, Impact and Integrity
۲	Groundwater Resource Identification in Kurdistan Region of Iraq: Combining Geospatial Technology with Machine Learning
۳	Forest Cover Analysis: Examining Geoenvironmental Influences Through Random Forest Modeling
۴	Participation as Panelist at Ararat Institute Panel on AI and Employability
۵	Participation in TEDx event
۶	Giving a seminar in the Youth Directorate in Zakho on Youth and AI: Challenges and Opportunities
۷	Delivering a seminar at the KEF National Education Conference on: AI and Education

۶. پشکنيښتن مادهيان

سته تر څه زانستی پشکنيښتن جوړا جوړ ب ئامير ښتن پښک هفتي (HPLC, GCMS, AAS) بو څه کوله ران و قوتابيين خواندنا بلند و ده رگه هين نه منى ئانجام داي نه، کو ژماره یا نه وان تا ريکه هفتي ۲۰۲۵/۵/۲۵ څي دبته ۵۴۸ پشکنيښتن.

۷. متمان ه پيکرنا گوڅاريښتن زانستی

ل ديف فه رمانا وه زار هتا خواندنا بلند و څه کولینښتن زانستی، لږ نه يه ک ب سهر وکاتيا رښتیه بهر ښتن رښتیه بهر ښتنيا سته تر څه زانستی کولینښتن هاته پيکنيښتن، بو دويڅچوون و په سته ندکرنا نه وان گوڅاران يښتن کو قوتابيين خواندنا ماسته رښتن و دکتورايي ل زانکوي زاخو څه کولینښتن خو تيدا به لاف دکهن. مهرم ژ نه څي کارى نه وه، بهر ښتن قوتابي څه کولینښتن خو به لاف بکهن، نه څي لږ نه يه دويڅچوونه کي بو گوڅاران بکهن ، کا نه رښتن د دروستن يان نه، داکو قوتابي نه که فنه د چ ئار يشه ياندا. د ماوه يي بووريدا تا ۲۰۲۵/۵/۲۵ څي، ۱۵۳ قوتابيين خواندنا ماسته رښتن و دکتورايي مامه له يښتن خو پښکنيښتن، کو ژ ۷۸۵ گوڅاران پيکها تبوون. لږ نه يي دويڅچوون بو هه مي گوڅاران کر. نه و گوڅاريښتن لدويڅ ستانده رديښتن جي هاني و په سته ندکر ښتن لايي وه زار هتا خواندنا بلند و څه کولینښتن زانستی څه هاتينه په سته ندکر و نه وښتن نه ل ديف ستانده ردان نه هاتينه په سته ندکر.



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