

المشاريع البحثية للكلية

القسم	رقم المشروع	عنوان المشروع البحثي	اسم الباحث الرئيسي
الفيزياء	DSR 2021-03-0110	Graphene Field Effect Transistors: State-of-the-Art Devices for Future Electronics	د. مشعل مفلح الزيد
	DSR 2020-04-3703	Structure thermal and dielectric insights of PVC/PVP/ZnFe ₂ O ₄ polymer Nano composites	د. الحلو حبيب الشمري
	DSR 2021-03-0103	Processing and characterization of Polyvinyl chloride polymer nanocomposite films	د. زياد عوض الرويلي
	DSR 2020-04-503	Improvement of radiation shielding properties of oxide glass used in radiotherapy rooms window	أ.د. محمد أمين يوسف
	DSR 2020-04-512	Enhancing the efficiency of some Zintl phase thermoelectric nanomaterials for producing electricity from waste heat	د. خلف الله عمر قاسم
	DSR 2020-04-247	Fabrication and surface properties of sputter coated conducting thin films on polymer substrates for energy applications	د. علي عطاء محمد
	DSR-2020-02-2559	Investigate a dense transparent glass doped Nd ³⁺ ion for high power laser applications	د. احمد ابوالمعارف عبدالرحيم
	DSR2020-02-504	Radiation shielding properties of enhanced oxide glasses used as solar cell cover glasses	د. أحمد محمد مصطفى
	DSR2020-02-2576	Transport and solid state battery characteristic studies of lithium based super ion conducting glasses	د. أنور توزري
	DSR2020-04-2583	Fabrication and characterization of luminescent controlled-CdWO ₄ scintillator detector for medical imaging and radiation detection	د. هاني حسين نجم
	DSR2020-02-495	High electric field induced relaxor/ferroelectric phase transition of lead free ceramics for piezoelectric applications	د. محمد فتحى حسنين

	DSR2020-03-462	Tuning the physical properties of the Cobalt ferrites by Copper doping for water and wastewater treatment	د. وائل سعد محمد أحمد
	DSR2020-02-435	Synthesis and characterization of undoped and Cu-doped ZnO nanowires by vapor transport technique for solar cells applications	د. نومیری محمد عباس
	DSR2020-03-391	Synthesis And Physical Characterization Of Ni-Doped La2O3 For Photocatalytic Application Under Sunlight	د. شقرون عمر بلال
	DSR2020-02-442	Experimental Study On Solar Adsorption Ice-Making System Equipped With New Adsorption	د. مسعود محمد مصطفى
	DSR2020-01-483	Characterization and quality analysis of Al Jouf olive oil using a smart Arduino circuit	د. طارق احمد محمود المسلمي
	DSR 2021-03-0106	(001)and (11n)n=1,3 GaAs substrate orientations for growth of GaN layers by AP-MOVPE: Impact of GaN buffer layer thickness	د. جهاد بلقاسم العيفي
	DSR2020-01-413	Identification and discrimination between olive oil from Al Jouf and other Saudi's areas by optical spectroscopic techniques and chemometric analysis	د. أمل عبد الفتاح عمر
	DSR2020-02-464	Effect of Cu interlayer thickness on the properties of ITO/CU/ITO AND CdO/Cu/CdO multilayers thin films deposited by dc pulsed magnetron sputtering for optoelectronic applications	د. الزهراء علي عبد المولي
	DSR 2020-03-2580	Enhanced photocatalytic degradation against methylene blue dye of MoO3, NiMoO4, Co0.7Fe0.3(MoO4) and Fe2(MoO4)3 thin films under sunlight irradiation	د. أسمی رشید العرفاوي
	DSR2020-02-448	Influence of ZnO nano additives on the structural characteristics and dielectric	د. إسلام عبد التواب السيد

		properties of flexible polymer films for energy storage applications	
	DSR 2021-03-0105	Improving of physical properties of MOS devices based on rare earth oxides	د. أحلام محمد شريف
	DSR 2021-03-0111	Magnetocaloric properties of $MnFeP_{1-x}As_x$ ($x=0.55$ and 0.53)	د. نادية صالح زايدي
الكيمياء	DSR2021-03- 0102	High- performance antifouling hybrid ultrafiltration membranes comprising sulfonated polyethersulfone and aminated grapheme for water purification	د. إبراهيم حوتان السهيمي
	DSR2020-03- 2535	Recycling of human wastes for production of applicable materials utilization in waste water treatment	د. ناصر فهد نهار العتيبي
	DSR2020-03- 2538	Synthesis of useful and sustainable materials from food wastes and evaluation their biological applications	د. عمرو محمد السيد نصار
	DSR2021-03- 0104	Nanostructured Composite Electrodes for Energy Efficient Water Desalination	د. حسن محمد احمد حسن
	DSR2021-03- 0107	Nanoparticle modified PVDF membrane to improve the hydrophilicity and the antifouling properties for water treatment applications	د. محمد يسري السيد
	DSR2021-03- 0114	Novel Metal complexes of Disubstituted Thiourea for dual applications in biomedical field and wastewater remediation	د. وائل عبد الجيد احمد عرفة
	DSR2021-03- 0112	Novel optical systems for Hazmat monitoring: inevitable quest to adhere environmental sustainability	د. عمرو عبد النبي إبراهيم عيسوي
	DSR2021-03- 0116	Green synthesis, Quantum- chemical Calculations, molecular docking, and Evaluation of some Novel Heterocyclic Compounds as Anticancer and Anti-inflammatory Agents	د. ياسر ابوبكر عبد المعز مصطفى
	DSR2021-03- 0118	Obtaining a new adsorbent based on a mixed organic- inorganic composite for remedy of the aqueous media from colored dye materials	د. محمود محمد كامل أبو بكر

	DSR2020-03-397	Fabrication of Polymeric Nano-Composite Materials and its Evaluation as Adsorbent Materials for wastewater treatment	د. محمد رمضان الاعصر
	DSR2021-03- 0117	Synthesis, characterizations, 2D&3D QSAR modeling and Molecular Docking studies on some Novel Heterocyclic compounds as Anticancer agents	د. مدثر فاروق حسين محمد
	DSR2020-03- 443	Fabrication of green synthesized core shell nano-hybrid based on ferromagnetic polymer nanomaterials loaded on nano-porous surface using olive extract for water remediation using experimental design	د. رحاب جلال خليل الشرقاوي
	DSR2021-03- 0101	Investigation of the chemical composition, antioxidant and biological activities of some Saudi aromatic plants	د. حلومه خميس بلال
	DSR2021-03- 0115	Nanofiber integrated nanoparticles as advanced technology for treatment of pathogens-contaminated water in Sakaka at Al-Jouf region	د. رانيا حسني طه احمد
	DSR2020-03- 2592	New complex as nanoparticles, synthesis, characterization, and its uses as catalyst in oxidation of water and some aliphatic alcohols for productions of energy and fuel cell	د. وسيلة درافة
	DSR2021-03- 0119	Advanced Nano-Materials with Tunable Properties for Solar Energy Harvesting	د. بسمه علي علي بلبول
الاجزاء	DSR2020-06-3664	Allergy related to parasites found in dust wastes from random sample of houses, work places and mosques at Al-Jouf region, KSA	د. بركات معيلي الرشيدى
	SR2020-04-2578	The role of wildlife in the transmission of parasitic zoonoses in Al-Jouf, KSA	د. فايز محمد شلصوم
	DSR2020-04-3643	Biological Activities of some Saudi Desert Plants	د. إبراهيم بيومي عبدالفرىض علي
	DSR2020-04-459	Antioxidant, hemostatic and comparative phytochemical studies on Rhazya stricta preparation	د. اسامة احمد مهلل

DSR2020-04-2536	NA-Methylation-Based Biomarkers for Detection of Bladder Cancer in blood and Urine samples	د. ماجد محمد علي فوده
DSR2020-05-505	Effect of replacing fish meal by shrimp bi-product in fish diets on growth performance, feed utilization and economic value of fish culture	د. فتحي الشاعر محمد خليل
DSR2020-01-471	What about the combined action of Aloe vera and olive oil in promoting wound healing?	د. ضياء مسعود
DSR2020-01-507	Survey and Taxonomic Studies of Olive Trees Mites Pests and Application of Some Integrated Pest Managements in Aljouf, Saudi Arabia	د. محمد محمود السيد المغازي
DSR2020-01- 2553	An exclusive study of types of olive oil in Al-Jouf region by olive cultivar and The solutions envisaged to improve the quality of olive oil	د. بسام فارس العويش
DSR2020-01-510	Bioactivity of fresh and stored olive mill wastewater (OMW) and its derivatives against) phytopathogenic fungi	د. رجا محمد الجربوعي
DSR2021-03-0120	Ecological, morphological and genetic characterization studies on some Olive varieties in Al Jouf region and assess their anti-cancer potential	د. هيفاء عبد العزيز ساكت الهذلول
DSR2020-04-389	Evaluation of fertility and embryo implantation in rats after oral administration of Salvia officinalis (sage) extract	د. مرفت احمد بخيت
DSR2020-04-3682	Comparison of the treatment Efficiency between Olive leaf Extract and Bone Marrow Transplantation against Diabetic complications in pregnant rats and their fetuses	د. مشاعل الحميدي طلحاب العتيبي
DSR2020-04-436	Genetic and cytohistological studies to monitor the effect of Cymbopogon extract therapy in some vital organs of mice exposed to deltamethrin insecticide	د. مشاعل الحميدي طلحاب العتيبي
DSR2020-01-460	Study of biological activity of extra virgin olive oil isolated from Al jouf olive	د. تغريد سطم النصيري
DSR2020-01-477	Safe and new methods for controlling aerial fungal olive diseases cultivated in Al-Jouf region	د. شيما محمد نبيل

	DSR2020-03-484	Purification of water stations in Sakaka Al-Jouf area from protozoa and fungal species using green chemistry nano compounds	د. حنان طاهر حمزة محمد
الرياضيات	DSR2020-05-3679	Mixture of normal and half normal disstrubutions	د. بدر لافي قابان الرويلي
	SR-2020-06-3659	m-symmetric operators in several variables on complex Hilbert spaces	د. هادي عبيد محمد الشمري
	DSR2020-05-36	On (m, n, C)-Isosymmetric Commuting Tuple of Operators	د. سيد احمد احمد محمود
	DSR2020-05-387	Photovoltaic Sources Optimal Sites and Sizes Search in power Systems using Mono and multiobjective optimization Based on GA Technique	د. معاوية ولد سيدي
	DSR2021-03- 0108	Efficient implementation for optimal control problems of smart Queue management	د عمرو محمد رضوان
	DSR2021-03-0109	Statistical modeling for COVID 19 virus spread in kingdom Saudi Arabia and some different countries	د. فتحي حمدي رياض عبدالله
	DSR2021-03- 0113	On the capacity associated to m-positive closed currents	د. جواهر محمد احبيل
	DSR2021-03- 0121	Ulam-Hyers-Rassias Stability of differential equations with general conformable derivative	د. عبداللطيف عبد الرزاق بن مخلوف
	DSR2021-03- 0122	Stability analysis in the sense of Ulam for some fractional differential equations	د. السيد عبد الرؤف الهادي
	DSR2020-05-2547	Partial controllability for a class of time fractional systems	د. سيد أحمد ولد بينان
	DSR2020-05-450	Computation of Conditional Expectation based on the multidimensional J-process using Malliavin calculus related to pricing American options with localisation function	د. محمد منصف الخراط
	DSR2020-05-2547	Toral (m, C)-isometric Tuple of Commuting Operators On Complex Hilbert Space and Applications.	د. عبير عبد الله الدهيمان