



البحوث المنشورة الخاصة بكلية العلوم

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,(2)22pp.873-884	Journal of University of Babylon	Preparation of Schottky devices (Al-GaAs& Ni-GaAs) and study of some photoelectronic properties	براق كاظم	2
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,(1)14pp.85-92	Iraqi Journal of Biotechnology	Detection of E. coli and Rotavirus in Diarrhea among Children Under Five Years Old	اسراء عبد الجبار ابراهيم	4
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,(3)27pp.13-16	Al-Mustansiriyah Journal of Science	16S rRNA Gene Sequencing for Identification of Some Enterobacteriaceae Species Isolated from Tigris River	اسراء عبد الجبار ابراهيم	2
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,68pp.71-81	International Letters of Chemistry, Physics and Astronomy	The Effects of Additive TiO ₂ Nanoparticles on the Energy Gap of DCM Doped with PS Thin Films	جعفر فاضل عودة	20
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,(4)14pp.531-535	Pak. J. Biotechnol. Vol	Comparison of Biofilm Formation by Different Species of Klebsiella	اسراء عبد الجبار ابراهيم، اسماء سامي ابراهيم	3
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,(11)11pp.186-193	Australian Journal of Basic and Applied Sciences	Modeling of High Performance Reflection Coatings for Visible Region	صبحاح إبراهيم عباس	24
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,(9)14pp.324-333	Int'l Journal of Computing, Communications & Instrumentation Engg (IJCCIE).	Reconstruction of Ancient Two-Dimensional Objects	ندى عبدالله رشيد	34
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3	اسراء عبد الجبار ابراهيم	التحليل البكتيري للجلد والغلاصم لأنواع مختلفة من الاسماك	مجلة تكريت للعلوم الصرفة	,(5)23pp.1-6
4	اسماء سامي ابراهيم	Cytokine gene polymorphisms in Iraqi Arabs	Human Immunology	,(2)79pp.91-92
5	اسماء سامي ابراهيم	Study the sex determination system in Mystus pelusius fish by G – banding technique	The 5th international conference of genetic and environment , وقائع المؤتمر العلمي الدولي الخامس لجمعية صيانة المصادر الوراثية والبيئية العراقية	pp. 41 – 52
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7	براق يحيى كاظم	The effects of solvent treated PEDOT: PSS buffer layer in organic solar cells	Journal of Materials Science: Materials in Electronics	,(16)29 pp.13889-13896
8	براق يحيى كاظم	The effects of the PEDOT: PSS acidity on the performance and stability of P3HT: PCBM-based OSCs	Journal of Materials Science: Materials in Electronics	,(22)29 pp.19287-19295

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,256pp.853-860	Sensors and Actuators B: Chemical	Preparation of single walled carbon nanotube-pyrene 3D hybrid nanomaterial and its sensor response to ammonia	براق يحيى كاظم	10
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,(11)29pp.9418-9426	Journal of Materials Science: Materials in Electronics	Efficient P3HT: SWCNTs hybrids as hole transport layer in P3HT: PCBM organic solar cells	براق يحيى كاظم	12
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2	احمد صبري غازي	Prospects of Using the UFMC Technology in 5G / IMT-2020 Networks	Indonesian Journal of Electrical Engineering and Computer Science	,(2)15pp.2502-4752
3	اسراء عبد الجبار ابراهيم	Phylogenetic tree analysis based on the 16S sequence alignment for Klebsiella spp. isolated from different sources	Iraqi Journal of Science	,(12)60 pp.2618-2628
4	اسراء عبد الجبار ابراهيم	Effect of Grinding and Particle Size on Some Physical and Rheological Properties of Chitosan	Arab Universities Journal of Agricultural Sciences	,(2)27pp.1513-1527
5	براق يحيى كاظم	Composite materials of P3HT: PCBM with pyrene substituted zinc (II) phthalocyanines: Characterisation and application in organic solar cells	Solar Energy	,189pp.1-7
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(3)10	International Journal of Pharmaceutical Quality Assurance	Preparation and Characterization Teeth Filling of PMMA/ n-Tio 2 to Wear Resistance and Antibacterial	فاضل كريم فرحان، محمد عبيد كاظم	31
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1	أ.م.د.محمد عبد الباسط عبد الجبار	Synthesis of Sodium-Lead Apatite Structure Sodium

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1	م.م.شوق رأفت محمد علي+ أ.م.د.محمد مهدي جواد + أ.م.د.زينب ثامر شوييت+ د.سرمد عدنان عبد الرزاق	Evaluation of EOS gene expression and IL-6 Level Iraqi patients with psoriasis
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2	م.م. زينب محمود حامد + م.م. زينب سالم حسين	Antibiofilm formation activity of purified lectin from wheat seeds (<i>Triticum aestivum</i>) against candida albicans causing oral candidiasis
3	د. علاء كامل فليح + د. غياث عباس فاضل	Controlling the overlap of laser pulses
9	حسن علي هادي + سراب تاج الدين + أ.م.د. فاضل كريم فرحان + نادر الحبوبى	Effect of Porosity on Thermal Properties of Porous Silicon
10	أ.م.د محمد حسين الضرب + أ.م.د جعفر فاضل عودة + أ.م.د عمار عبد الله حمد + أحمد يونس + ندى حسين + ربي عبد الرسول + ريا عبد الأمير	ZnO and TiO ₂ /PVA nanocomposite additives effect on the adhesion properties and biological activity of epoxy and epoxy
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12	أ.م.د. فاضل كريم فرحان	Effect of Bone Protein addition to the system: Calcium Titanate
13	أ.م.د. فاضل كريم فرحان	Preparation and characterization of ZrTiO ₄ Nanocomposites as bio ceramic materials
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16	أ.م.د. فاضل كريم فرحان	Attenuating risks and difficulties in Welding pipe and offshore structures using the underwater welding process – A Review
17	أ.م.د. فاضل كريم فرحان	Wear and friction analysis of bio-ceramic cordierite system as orthopedic material

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21	أ.م.د. فاضل كريم فرحان	The biomedical investigation of bio ceramic cordierite as orthopedic material
23	أ.م.د. براق يحيى كاظم	Using SWCNTs for enhancing the performance of P3HT:PCBM-based organic solar cell
24	أ.م.د. محمد عبد الباسط عبد الجبار	The Identification and Synthesis of Barium-Substituted Lead Hydroxyapatite Structure (Pb _{10-x} Ba _x (PO ₄) ₆) by Ceramic Method