

بحوث قسم الفيزياء في مجلات سكوباس

2016-2020

٢٠١٦					
الملاحظات	رابط المجلة بسكوباس	المجلة	الرابط	عنوان البحث	ت
د فرقان مشارك اجانب	Scopus preview - Scopus - Journal of Materials Chemistry A	Journal of Materials Chemistry A	A low-cost mixed fullerene acceptor blend for printed electronics - Journal of Materials Chemistry A (RSC Publishing)	A low-cost mixed fullerene acceptor blend for printed electronics	1
د فرقان مشارك اجانب	Scopus preview - Scopus - Journal of Materials Chemistry A	Journal of Materials Chemistry A	Comparison of inorganic electron transport layers in fully roll-to- roll coated/printed organic photovoltaics in normal geometry - Journal of Materials Chemistry A (RSC Publishing)	Comparison of inorganic electron transport layers in fully roll-to-roll coated/printed organic photovoltaics in normal geometry	2
د فرقان مشارك مع اجانب	Scopus preview - Scopus - Solar Energy Materials and Solar Cells	Solar Energy Materials and Solar Cells	Fully roll-to-roll prepared organic solar cells in normal geometry with a sputter-coated aluminium top- electrode - ScienceDirect	Fully roll-to- roll prepared organic solar cells in normal geometry with a sputter- coated aluminium top-electrode	3
د مازن د ارشد د اريج د جلال د ستار مشارك اجنبي	Scopus preview - Scopus - Optik	Optik	Solvothermal preparation and characterization of ternary alloy CdSxSe1-x nanowires -	Solvothermal preparation and characterization of ternary alloy	4

Z Hassan			ScienceDirect	CdS _x Se _{1-x} nanowires	
مشترك د مازن د ارشد د اريج الاجنبي H. Abu Hassan	Scopus preview - Scopus - International Journal of Hydrogen Energy	International Journal of Hydrogen Energy	Structural, characterization and electrical properties of AgPbmSbTem+ 2 compounds synthesized through a solid-state microwave technique - ScienceDirect	Structural, characterization and electrical properties of AgPb _m SbTe _{m+2} compounds synthesized through a solid-state microwave technique	5
د ارشد مشترك مع Mohamed S Mahdi, K Ibrahim, Naser M Ahmed, Shrook A Azzez, Falah I Mustafa	Scopus preview - Scopus - RSC Advances	RSC advances	A highly sensitive flexible SnS thin film photodetector in the ultraviolet to near infrared prepared by chemical bath deposition - RSC Advances (RSC Publishing)	A highly sensitive flexible SnS thin film photodetector in the ultraviolet to near infrared prepared by chemical bath deposition	6
د هيثم د عماد	Scopus preview - Scopus - Applied Optics	Applied optics	Optical double-image encryption and authentication by sparse representation (osapublishing.org)	Optical double-image encryption and authentication by sparse representation	7
د هيثم	Scopus preview - Scopus - Optical and Quantum Electronics	Optical and Quantum Electronics	Z-scan studies and optical limiting in a new organic-polymer composite film SpringerLink	Z-scan studies and optical limiting in a new organic-polymer composite film	8
د حسام	Scopus preview -	Materials	ZnO	ZnO	9

مشترك مع Sabah M Mohammad, Nageh K	Scopus - Materials Chemistry and Physics	Chemistr y and Physics	nanorods/polya niline heterojunctions for low-power flexible light sensors - ScienceDirect	nanorods/po lyaniline heterojunctio ns for low- power flexible light sensors	
د حسام مشترك مع SM Mohammad, NM Ahmed, M Bououdina	Scopus preview - Scopus - Journal of Ovonic Research	Journal of Ovonic Research	171 TalibR.pdf (chalcogen.ro)	Effect of growth time on structure, optical and photorespon se characteristic s of ZnO nanorods deposited onto various substrates	10
2017					
د مازن مشتركين خارجيين HF Al-Taay, D Parlevliet, P Jennings	Scopus preview - Scopus - Silicon	Silicon	Fabrication and Characterization of Solar Cells Based on Silicon Nanowire Homojunctions SpringerLink	Fabrication and Characterizati on of Solar Cells Based on Silicon Nanowire Homojunction s	1
د مازن د هيثم د مها	Scopus preview - Scopus - Journal Physics D: Applied Physics	Journal Physics D: Applied Physics	All-photonic switching based on selective input pump polarization states in Fe- doped PbS/PVA freestanding nanocomposite films - IOPscience	All- photonic switching based on selective input pump polarization states in Fe- doped PbS/PVA freestandin g nanocompo site films	2
د مازن	Scopus preview -	Physica E:	Fabrication and	Fabrication	3

د باسل د جلال المشتركين الاجانب هم HF Al-Taay, P Jennings	Scopus - Physica E: Low-Dimensional Systems and Nanostructures	Low-dimensional Systems and Nanostructures	characterization of nanowalls CdS/dye sensitized solar cells - ScienceDirect	and characterization of nanowalls CdS/dye sensitized solar cells	
د مازن المشتركين الخارجيين A. RAMIZY, H.F. AL-TAAY	Scopus preview - Scopus - Journal of Ovonic Research	Journal of Ovonic Research	135_MahdiMA.pdf (chalcogen.ro)	preparation and characterization of porous zn nanostructures grown onto silicon substrate	4
د مازن المشتركين الخارجيين Abbas M Selman و Z Hassan	Scopus preview - Scopus - Physica E: Low-Dimensional Systems and Nanostructures	Physica E: Low-dimensional Systems and Nanostructures	Fabrication of Cu₂O nanocrystalline thin films photosensor prepared by RF sputtering technique - ScienceDirect	Fabrication of Cu ₂ O nanocrystalline thin films photosensor prepared by RF sputtering technique	5
د ارشد مشترك مع Mohamed S Mahdi, K Ibrahim, Naser M Ahmed, Falah I Mustafa	Scopus preview - Scopus - Journal of Electronic Materials	Journal of Electronic Materials	Control of Phase, Structural and Optical Properties of Tin Sulfide Nanostructured Thin Films Grown via Chemical Bath Deposition SpringerLink	Control of phase, structural and optical properties of tin sulfide nanostructured thin films grown via chemical bath deposition	6
د ارشد مشترك مع Mohamed S Mahdi, K Ibrahim, aser M Ahmed, Falah I Mustafa, Shrook A Azzez	Scopus preview - Scopus - Materials Letters: X	Materials Letters	High performance near infrared photodetector based on cubic crystal structure SnS thin film on a glass substrate - ScienceDirect	High performance near infrared photodetector based on cubic crystal structure SnS thin film on a glass substrate	7
د ارشد مشترك مع	Scopus preview - Scopus -	Materials Research	Flexible low-cost infrared	Flexible low-cost	8

Mohamed S Mahdi, K Ibrahim, Naser M Ahmed, Shrook A Azzez, Falah I Mustafa, M Bououdina	Materials Research Express	Express	photodetector based on SnS thin film grown by chemical bath deposition - IOPscience	infrared photodetect or based on SnS thin film grown by chemical bath deposition	
د هيثم د مها د مازن	Scopus preview - Scopus - Journal Physics D: Applied Physics	Journal of Physics D: Applied Physics	All-photonic switching based on selective input pump polarization states in Fe-doped PbS/PVA freestanding nanocomposite films - IOPscience	All-photonic switching based on selective input pump polarization states in Fe-doped PbS/PVA freestanding nanocomposite films	9
د علاء شاوي د علي قاسم	Scopus preview - Scopus - Chalcogenide Letters	Chalcogenide Letters	457_AIKabbiS.pdf (chalcogen.ro)	EFFECT OF SUBSTRATE TEMPERATURE ON THE STRUCTURE AND OPTICAL PROPERTIES OF PVP:n-CdSe NANOCOMPOSITE THIN FILMS AND ITS SCHOTTKY DIODES PERFORMANCE	10
د رائد الاسدي مشارك مع Haoyu Li, Damien P Kelly, John J Healy, John T Sheridan	Scopus preview - Scopus - Polymers	Polymers	Polymers Free Full-Text A Review of Hologram Storage and Self-Written	A Review of Hologram Storage and Self-Written Waveguides Formation in	11

			Waveguides Formation in Photopolymer Media (mdpi.com)	Photopolymer Media	
د رائد الاسدي مشترك مع Inbarasan Muniraj, Changliang Guo, James P Ryle, John J Healy, Byung-Geun Lee, John T Sheridan	Scopus preview - Scopus - Optics Letters	Optics letters	Low photon count based digital holography for quadratic phase cryptography (osapublishing.org)	Low photon count based digital holography for quadratic phase cryptography	12
د رائد الاسدي مشترك مع Inbarasan Muniraj, Changliang Guo, Derek Cassidy, Liang Zhao, James P Ryle, John J Healy, John T Sheridan	Scopus preview - Scopus - Optical Engineering	Optical Engineering	Choice of optical system is critical for the security of double random phase encryption systems (spiedigitallibrary.org)	Choice of optical system is critical for the security of double random phase encryption systems	13
د رائد الاسدي مشترك مع Inbarasan Muniraj, Changliang Guo, Harsha Vardhan R Maraka, James P Ryle, John T Sheridan	Scopus preview - Scopus - Optics Communications	Optics Communications	Subpixel based defocused points removal in photon-limited volumetric dataset - ScienceDirect	Subpixel based defocused points removal in photon-limited volumetric dataset	14
2018					
د فرقان مشترك مع اجانب	Scopus preview - Scopus - Organic Electronics	Organic Electronics	Optimization, characterization and upscaling of aqueous solar	Optimization, characterization and upscaling of	1

			nanoparticle inks for organic photovoltaics using low-cost donor:acceptor blend - ScienceDirect	aqueous solar nanoparticle inks for organic photovoltaics using low-cost donor: acceptor blend	
د فرقان مشترك مع اجانب	Scopus preview - Scopus - Beilstein Journal of Nanotechnology	Beilstein journal of nanotechnology	BJNANO - Optimisation of purification techniques for the preparation of large-volume aqueous solar nanoparticle inks for organic photovoltaics (beilstein-journals.org)	Optimisation of purification techniques for the preparation of large-volume aqueous solar nanoparticle inks for organic photovoltaics	2
د فرقان مشترك مع اجانب	Scopus preview - Scopus - Macromolecular Chemistry and Physics	Macromolecular Chemistry and Physics	Exploration of the Direct Arylation Polymerization Method for the Practical Application of Conjugated Materials: Synthetic Scale- Up, Solar Cell Performance, and Cost Analyses - Pappenfus - 2018 - Macromolecular Chemistry and Physics - Wiley Online Library	Exploration of the Direct Arylation Polymerization Method for the Practical Application of Conjugated Materials: Synthetic Scale-Up, Solar Cell Performance, and Cost Analyses	3
د فرقان مشترك مع اجانب	Scopus preview - Scopus - Synlett	Synlett	Thieme E-Journals - Synlett / Abstract (thieme-connect.com)	Poly (2, 3-dihexylthieno [3, 4-b] pyrazine-alt-2, 3-dihexylquinoxaline): Processible, Low-Bandgap, Ambipolar-	4

				Acceptor Frameworks via Direct Arylation Polymerization	
د مازن د باسل المشترکین الاخرین Abbas M Selman, HF Al-Taay, P Jennings, Wen-Jen Lee	Scopus preview - Scopus - Superlattices and Microstructures	<u>Superlattices and Microstructures</u>	Fabrication of a high sensitivity and fast response self-powered photosensor based on a core-shell silicon nanowire homojunction - ScienceDirect	Fabrication of a high sensitivity and fast response self-powered photosensor based on a core-shell silicon nanowire homojunction	5
د مازن مشترکین خارجیین د اسماعیل خلف عباس HF Al-Taay, D Parlevliet, P Jennings	Scopus preview - Scopus - Silicon	Silicon	A Self-Powered Heterojunction Photodetector Based on a PbS Nanostructure Grown on Porous Silicon Substrate SpringerLink	A Self-Powered Heterojunction Photodetector Based on a PbS Nanostructure Grown on Porous Silicon Substrate	6
د مازن د هیثم د مها	Scopus preview - Scopus - Optik	Optik	High-performance all-optical limiting based on nonlinear refraction of metal-doped PbS/PVA freestanding nanocomposite films - ScienceDirect	High-performance all-optical limiting based on nonlinear refraction of metal-doped PbS/PVA freestanding nanocomposite films	7

<p>د ارشد مشترك مع Mohamed S Mahdi, K Ibrahim, Naser M Ahmed, Shrook A Azzez, Falah I Mustafa, M Bououdina</p>	<p>Scopus preview - Scopus - Materials Letters: X</p>	<p>Materials Letters</p>	<p>Influence of pH value on structural, optical and photoresponse properties of SnS films grown via chemical bath deposition - ScienceDirect</p>	<p>Influence of pH value on structural, optical and photoresponse properties of SnS films grown via chemical bath deposition</p>	<p>8</p>
<p>د ارشد مشترك مع Mohamed S Mahdi, K Ibrahim, Naser M Ahmed, Falah I Mustafa, Shrook A Azzez, M Bououdina</p>	<p>Scopus preview - Scopus - Journal of Alloys and Compounds</p>	<p>Journal of Alloys and Compounds</p>	<p>High performance and low-cost UV-Visible-NIR photodetector based on tin sulphide nanostructures - ScienceDirect</p>	<p>High performance and low-cost UV-Visible-NIR photodetector based on tin sulphide nanostructures</p>	<p>9</p>
<p>د حميد مشترك مع Iain A Wright, Andrei S Batsanov, Andrew P Monkman, Martin R Bryce</p>	<p>Scopus preview - Scopus - Physical Chemistry Chemical Physics</p>	<p>Physical Chemistry Chemical Physics</p>	<p>Conformationally-restricted bicarbazoles with phenylene bridges displaying deep-blue emission and high triplet energies: systematic structure-property relationships - Physical Chemistry Chemical Physics (RSC Publishing)</p>	<p>Conformationally-restricted bicarbazoles with phenylene bridges displaying deep-blue emission and high triplet energies: systematic structure-property relationships†</p>	<p>10</p>
<p>د كريمة مجيد</p>	<p>Scopus preview - Scopus - IOP Conference Series: Materials Science and Engineering</p>	<p>IOP Conf. Series: Materials Science and Engineering</p>	<p>Fabrication (PANI-CSA) /n-Si solar cell from nano conducting polymers PANI doped with CSA - IOPscience</p>	<p>Fabrication (PANI-CSA)/n-Si solar cell from nano conducting polymers PANI doped</p>	<p>11</p>

				with CSA	
د كريمة مجيد	Scopus preview - Scopus - Ukrainian Journal of Physics	Ukrainian Journal of Physics	Optical Properties of Conducting Polymer Poly(O-Toluidine)-DBSA Blended with Polyethylene Oxide Ukrainian Journal of Physics (bitp.kiev.ua)	Optical properties of conducting polymer poly (o-toluidine)-DBSA blended with polyethylene oxide	12
د رائد الاسدي مشترك مع Haoyu Li, Inbarasan Muniraj, Derek Cassidy, Nebras Al- Attar, John J. Healy, and John T. Sheridan	Scopus preview - Scopus - Journal of the Optical Society of America B: Optical Physics	Journal of the Optical Society of America B: Optical Physics	Controlling the trajectories of self-written waveguides in photopolymer (osapublishing.org)	Controlling the trajectories of self-written waveguides in photopolymer	13
د رائد الاسدي مشترك مع Derek Cassidy, Inbarasan Muniraj, James P Ryle, John J Healy, John T Sheridan	Scopus preview - Scopus - Applied Optics	Applied optics	Self-written waveguides in photopolymer (osapublishing.org)	Self-written waveguides in photopolymer	14
د رائد السدي مشترك مع Haoyu Li, Yue Qi, Changliang Guo, John T Sheridan	Scopus preview - Scopus - Applied Optics	Applied optics	Holographic characterization of diffraction grating modulation in photopolymers (osapublishing.org)	Holographic characterization of diffraction grating modulation in photopolymers	15

		2019			
د فرقان مشترك مع اجانب	Scopus preview - Scopus - Journal of Materials Chemistry A	Journal of Materials Chemistry A	The role of surface energy control in organic photovoltaics based on solar paints - Journal of Materials Chemistry A (RSC Publishing)	The role of surface energy control in organic photovoltaics based on solar paints	1
د فرقان مشترك مع اجانب	Scopus preview - Scopus - Journal and Proceedings - Royal Society of New South Wales	Journal and Proceedings - Royal Society of New South Wales	On "being first:" reconsidering Australian higher education equity policy through a comprehensive analysis of the aspirations of prospective first-in-family students Journal and Proceedings of the Royal Society of New South Wales (informit.org)	On "being first:" reconsidering Australian higher education equity policy through a comprehensive analysis of the aspirations of prospective first-in-family students	2
د فرقان مشترك مع اجانب	Scopus preview - Scopus - ACS applied materials & interfaces	ACS applied materials & interfaces	Role of Stabilizing Surfactants on Capacitance, Charge, and Ion Transport in Organic Nanoparticle-Based Electronic Devices ACS Applied Materials & Interfaces	Role of Stabilizing Surfactants on Capacitance, Charge, and Ion Transport in Organic Nanoparticle-Based Electronic Devices	3
د مازن	Scopus preview - Scopus - Materials Technology	Materials Technology	Preparation of silver nanoparticles as antibacterial agents through DNA damage:	Preparation of silver nanoparticles as antibacterial agents through	4

			Materials Technology: Vol 34, No 14 (tandfonline.com)	DNA damage	
د ارشد مشترك مع Mohamed S Mahdi, Kamarulazizi Ibrahim, Naser Mahmoud Ahmed, Shrook A Azzez	Scopus preview - Scopus - Solid State Phenomena	Solid State Phenomena	Growth and Characterization of Tin Sulphide Nanostructured Thin Film by Chemical Bath Deposition for Near-Infrared Photodetector Application Scientific.Net	Growth and Characterization of Tin Sulphide Nanostructured Thin Film by Chemical Bath Deposition for Near-Infrared Photodetector Application	5
د ارشد د اريج مشترك مع H Abu Hassan	Scopus preview - Scopus - Measurement: Journal of the International Measurement Confederation	Measurement	Thin-film thermoelectric device of semimetals p-Sn_{0.9}Yb_{0.1}Te:Te and n-Sn_{0.9}Yb_{0.1}Te for power generation using thermal evaporation - ScienceDirect	Thin-film thermoelectric device of semimetals p-Sn _{0.9} Yb _{0.1} Te:Te and n-Sn _{0.9} Yb _{0.1} Te for power generation using thermal evaporation	6
د ارشد مشترك مع Mohamed S Mahdi, K Ibrahim, Naser M Ahmed, M Bououdina	Scopus preview - Scopus - Superlattices and Microstructures	Superlattices and Microstructures	Dependence of pH on phase stability, optical and photoelectrical properties of SnS thin films - ScienceDirect	Dependence of pH on phase stability, optical and photoelectrical properties of SnS thin films	7
د ارشد مشترك مع Mohamed S Mahdi, Naser M Ahmed, K Ibrahim, M Bououdina	Scopus preview - Scopus - Materials Science in Semiconductor Processing	Materials Science in Semiconductor Processing	Comprehensive photoresponse study on high performance and flexible π-SnS photodetector with near-	Comprehensive photoresponse study on high performance and flexible π -SnS photodetector with near-	8

			infrared response - ScienceDirect	infrared respons	
د جلال د هيتم	Scopus preview - Scopus - Iraqi Journal of Science	Iraqi Journal of Science	Fabrication and Enhancement UV Photodiode Based on Mg-Doped ZnO Nanorods Films Iraqi Journal of Science (uobaghdad.edu.iq)	Fabrication and Enhancement UV Photodiode Based on Mg-Doped ZnO Nanorods Films	9
د هيتم د سعيد	Scopus preview - Scopus - AIP Conference Proceedings	AIP Conference Proceedings	Natural dyes extracted from plants and their application to all-photonic devices: AIP Conference Proceedings: Vol 2190, No 1 (scitation.org)	Natural dyes extracted from plants and their application to all-photonic devices	10
د هيتم د عماد	Scopus preview - Scopus - Optics and Laser Technology	Optics & Laser Technology	Sparse phase information for secure optical double-image encryption and authentication - ScienceDirect	Sparse phase information for secure optical double-image encryption and authentication	11
د هيتم د سعيد	Scopus preview - Scopus - Journal of Physics: Conference Series	Journal of Physics: Conference Series	Studying of Nonlinear Optical Properties of Binary Bi2S3 and Bi2Te3/PMMA Nanocomposite Films by Z-Scan Technique - IOPscience	Studying of Nonlinear Optical Properties of Binary Bi2S3 and Bi2Te3/PMMA Nanocomposite Films by Z-Scan Technique	12

<p>د علي حسين رشك مشترك مع Nada M Abbass, Jiri Bila, Mohd R Johan, Ivan Kityk</p>	<p>Scopus preview - Scopus - Journal of Physical Chemistry C</p>	<p>The Journal of Physical Chemistry C</p>	<p>Noncentrosymm etric Sulfide Oxide MZnSO (M = Ca or Sr) with Strongly Polar Structure as Novel Nonlinear Crystals The Journal of Physical Chemistry C (acs.org)</p>	<p>Noncentrosym metric Sulfide Oxide MZnSO (M = Ca or Sr) with Strongly Polar Structure as Novel Nonlinear Crystals</p>	<p>13</p>
<p>د علي حسين رشك مشترك مع Michaela Sperátová, Jaroslav Jedyrka, Oldřich Pytela, Iwan V Kityk, Filip Bureš, Milan Klikar</p>	<p>Scopus preview - Scopus - Tetrahedron</p>	<p>Tetrahedron</p>	<p>Novel dibenzothiophen e chromophores with peripheral barbituric acceptors - ScienceDirect</p>	<p>Novel dibenzothioph ene chromophores with peripheral barbituric acceptors</p>	<p>14</p>
<p>د علي حسين رشك مشترك مع K Bougherara, DP Rai,</p>	<p>Scopus preview - Scopus - Chinese Journal of Physics</p>	<p>Chinese Journal of Physics</p>	<p>First principles prediction of the elastic, electronic and optical properties of Sn₃X₄ (X = P, As, Sb, Bi) compounds: Potential photovoltaic absorbers - ScienceDirect</p>	<p>First principles prediction of the elastic, electronic and optical properties of Sn₃X₄ (X = P, As, Sb, Bi) compounds: Potential photovoltaic absorbers</p>	<p>15</p>
<p>د علي حسين رشك مشترك مع L Boumia, F Dahmane, B Doumi, DP Rai, Shakeel A Khandy, H</p>	<p>Scopus preview - Scopus - Chinese Journal of Physics</p>	<p>Chinese Journal of Physics</p>	<p>Structural, electronic and magnetic properties of new full Heusler alloys Rh₂CrZ (Z = Al, Ga, In): First-principles calculations -</p>	<p>Structural, electronic and magnetic properties of new full Heusler alloys Rh₂CrZ (Z = Al, Ga, In): First-</p>	<p>16</p>

Khachai, H Meradji			ScienceDirect	principles calculations	
د رائد الاسدي مشترك مع Min Wan, Inbarasan Muniraj, Ni Chen, John J Healy, James P Ryle, John T Sheridan	Scopus preview - Scopus - Applied Optics	Applied optics	Orthographic projection images-based photon-counted integral Fourier holography (osapublishing.org)	Orthographic projection images-based photon-counted integral Fourier holography	17
د رائد الاسدي مشترك مع Haoyu Li, Yue Qi, Derek Cassidy, Inbarasan Muniraj, Nebras Al- Attar, and John T. Sheridan	Scopus preview - Scopus - Journal of the Optical Society of America A, Optics and image science	Journal of the Optical Society of America A	Improving the uniformity of holographic recording using multi-layer photopolymer: Part II. Experimental results (osapublishing.org)	Improving the uniformity of holographic recording using multi-layer photopolymer: Part II. Experimental results	18
Haoyu Li, Yue Qi, Derek Cassidy, Inbarasan Muniraj, Nebras Al- Attar, and John T. Sheridan	Scopus preview - Scopus - Journal of the Optical Society of America A, Optics and image science	Journal of the Optical Society of America A	Improving the uniformity of holographic recording using multilayer photopolymer. Part I. Theoretical analysis (osapublishing.org)	Improving the uniformity of holographic recording using multilayer photopolymer. Part I. Theoretical analysis	19
		2020			
د فرقان مشترك مع اجانب	Scopus preview - Scopus - Sustainable Energy and Fuels	Sustainable Energy & Fuels	A nuanced approach for assessing OPV materials for large scale applications -	A nuanced approach for assessing OPV materials for large scale applications	1

			Sustainable Energy & Fuels (RSC Publishing)		
د مازن مع باحثين من جامعة البصرة	Scopus preview - Scopus - Scientific Journal of King Faisal University	Scientific Journal of King Faisal University	https://faculty.uobasrah.edu.iq/uploads/publications/1591646130.pdf	In vitro Assessment of ZnO Nanoparticles on Phoenix dactylifera L. Micropropagation	2
د مازن مشترك مع H.F Al-Taay	Scopus preview - Scopus - Iranian Journal of Materials Science and Engineering	Iranian Journal of Materials Science and Engineering	Fabrication of SiNWs/PEDOT:PSS Heterojunction Solar Cells - Iranian Journal of Materials Science and Engineering (iust.ac.ir)	Fabrication of SiNWs/PEDOT:PSS Heterojunction Solar Cells	3
د ارشد د حسام مشترك مع Mohamed S Mahdi, Husam S Al-Arab, K Ibrahim, Naser M Ahmed, M Bououdina	Scopus preview - Scopus - Materials Letters: X	Materials Letters	A high-performance near-infrared photodetector based on π-SnS phase - ScienceDirect	A high-performance near-infrared photodetector based on π -SnS phase	4
د ارشد مشترك مع Mohamed S Mahdi, Kamal H Latif, Ashwaq A Jabor, K Ibrahim, Naser M Ahmed, Falah I Mustafa, M Bououdina	Scopus preview - Scopus - Journal of Electronic Materials	Journal of Electronic Materials	Tin Sulfide Flower-Like Structure as High-Performance Near-Infrared Photodetector SpringerLink	Tin Sulfide Flower-Like Structure as High-Performance Near-Infrared Photodetector	5
د ارشد د حسام	Scopus preview - Scopus - Materials Letters: X	Materials Letters	Low cost flexible ultraviolet photodetector based on ZnO	Low cost flexible ultraviolet photodetector based on ZnO	6

			nanorods prepared using chemical bath deposition - ScienceDirect	nanorods prepared using chemical bath deposition	
د جلال	Scopus preview - Scopus - Iraqi Journal of Science	Iraqi Journal of Science	Green Synthesis of Reduced Graphene Oxide Using Ascorbic Acid Iraqi Journal of Science (uobaghdad.edu.iq)	Green Synthesis of Reduced Graphene Oxide Using Ascorbic Acid	7
د هيثم د سعيد	Scopus preview - Scopus - Materials Technology	Materials Technology	High-performance all-optical switching based on nonlinear response in semiconductor Bi₂S₃-xSe_x/PMMA nanocomposite films: Materials Technology: Vol 35, No 8 (tandfonline.com)	High-performance all-optical switching based on nonlinear response in semiconductor Bi ₂ S ₃ -xSe _x /PMMA nanocomposite films	8
د هيثم د مها د عماد مشارك مع احمد الموسوي جامعة سومر	Scopus preview - Scopus - Nonlinear Optics Quantum Optics	Nonlinear Optics Quantum Optics	EBSCOhost 143516624 Application of Z-Scan Technique for the Study of Nonlinear Optical Properties of BCP/MEHPPV.	Application of Z-Scan Technique for the Study of Nonlinear Optical Properties of BCP/MEHPPV.	9
د هيثم د سعيد	Scopus preview - Scopus - Chinese Optics Letters	Chinese Optics Letters	Nonlinear optical switching and all-figures of merit in Bi₂S₃-xSe_x/PMMA nanocomposite films investigated by	Nonlinear optical switching and all-figures of merit in Bi ₂ S ₃ -xSe _x /PMMA nanocomposite films investigated	10

			Z scan under visible CW laser (osapublishing.org)	by Z scan under visible CW laser	
د حميد د باسل مشترك مع Peter Quayled and Stephen G Yeatesd	Scopus preview - Scopus - Polymer International	Polymer International	Polylactide- perylene derivative for blue biodegradable organic light-emitting diodes - Al-Attar - 2021 - Polymer International - Wiley Online Library	Polylactide- perylene derivative for blue biodegradable organic light-emitting diodes	11
د علي حسين رشك مشترك مع Renu Singla, Sarvesh Kumar, Timothy A Hackett, Manish K Kashyap	Scopus preview - Scopus - Journal of Alloys and Compounds	Journal of Alloys and Compounds	Genesis of magnetism in graphene/MoS₂ van der Waals heterostructures via interface engineering using Cr-adsorption - ScienceDirect	Genesis of magnetism in graphene/MoS ₂ van der Waals heterostructures via interface engineering using Cr-adsorption	12
د علي حسين رشك مشترك مع Shamim Khan, A Laref, G Murtaza, J Bila	Scopus preview - Scopus - Optical Materials	Optical Materials	Pressure induced physical variations in the lead free fluoropervoskites XYF₃ (X=K, Rb, Ag; Y=Zn, Sr, Mg): Optical materials - ScienceDirect	Pressure induced physical variations in the lead free fluoropervoskites XYF ₃ (X=K, Rb, Ag; Y=Zn, Sr, Mg): Optical materials	13
د علي حسين رشك مشترك مع Priti Rani, Manish K Kashyap,	Scopus preview - Scopus - Journal of Alloys and Compounds	Journal of Alloys and Compounds	Magnetism and magnetocrystalline anisotropy of tetragonally distorted L10-FeNi: N alloy -	Magnetism and magnetocrystalline anisotropy of tetragonally	14

Renu Singla, Jyoti Thaku			ScienceDirect	distorted L1 ₀ - FeNi: N alloy	
د علي حسين رشك مشترك مع A Gani, O Cheref, M Ghezali, M Rabah, Y Djaballah, H Righi, ..	Scopus preview - Scopus - Chinese Journal of Physics	Chinese Journal of Physics	Mechanical stability and optoelectronic behavior of BeXP2 (X=Si and Ge) chalcopyrite - ScienceDirect	Mechanical stability and optoelectronic behavior of BeXP2 (X=Si and Ge) chalcopyrite	15
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