

سنة نشر البحث	عنوان البحث	اسم الباحثة	اسم المجموعة البحثية
2019	Spectral Properties of PMMA Films Doped by Perylene Dyestuffs for Photoselective Greenhouse Cladding Applications	أ.د. سماح البشير	فيزياء الطاقة المتجددة والبيئة
2019	Coumarin-doped PC/CdSSe/ZnS nanocomposite films: A reduced self-absorption effect for luminescent solar concentrators		
2018	Fullerene C60 doped polymeric nanocomposite coatings: moving solar spectra from ultraviolet to the deep red		
2018	Electronic conduction mechanism and optical spectroscopy of Indigo carmine as novel organic semiconductors		
2018	AC/DC electrical conduction and dielectric properties of PMMA/PVAc/C-60 down-shifting nanocomposite films		
2018	Enhanced fluorescence polarization of fluorescent polycarbonate/zirconia nanocomposites for second generation luminescent solar concentrators		
2017	Durability and Mechanical Performance of PMMA/Stone Sludge Nanocomposites for Acrylic Solid Surface Applications		
2017	Physical properties Nd ³⁺ doped (SiO ₂ -TiO ₂) monolithic glass for photoresistor applications		
2017	Optical dispersion parameters and stability of poly (9, 9'-di-n-octylfluorenyl-2,7-diyl)/ZnO nanohybrid films: towards organic photovoltaic applications		
2017	Designing of PVA/Rose Bengal long-pass optical window applications		
2017	Design of Rose Bengal/FTO optical thin film system as a novel nonlinear media for infrared blocking windows		

2017	Improving photostability and efficiency of polymeric luminescent solar concentrators by PMMA/MgO nanohybrid coatings	
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ORCID	https://orcid.org/0000-0002-4149-3687	