البحوث المنشورة في كلاريفيت ومستوعبات سكوباس لقسم هندسة تقنيات التكييف والتبريد منذ تأسيس القسم					
Index	Journal	Year	Title	Authors	no
Clarivate	Nano Hybrids and Composites	2018	Fabrication of Hybrid QDOLEDs from Core/Shell/Shell QDs and Conductive Organic Polymers	م.م. كرار عبد احمد	1
SCOPUS	Journal of Physics: Conference Series	2018	Effect of Crushing Speed Rate on Crashworthiness Parameters and Energy Absorption Capability of Composite Materials	أ.م.د. حاكم سماوي الجبوري	2
SCOPUS	ARPN Journal of Engineering and Applied Sciences	2019	Study of Photovoltaic Properties of Porous Silicon	م.م. كرار عبد احمد	3
SCOPUS	International Journal of Mechanical and Production Engineering Research and Development	2019	Non-linear elastic-plastic behaviour of aluminium sheet metal using finite element analysis	أ.م.د. حاكم سماوي الجبوري	4
SCOPUS	Journal of Mechanical Engineering Research and Developments	2020	Finite Element Analysis of Human Body Thorax Subjected to the Ballistic Impact of Projectile	أ.م.د. حاكم سماوي الجبوري	5
SCOPUS	Journal of Mechanical Engineering Research and Developments	2020	Three Dimensional Study of Baffles Effect on Heat Transfer in Shell and Tube Heat Exchanger	م.م. احمد عليوي سمر مد	6
SCOPUS	Journal of Mechanical Engineering Research and Developments	2020	Experimental and theoretical comparison between metallic and mirror reflectors with different receiver tank	م.م. ايهاب عمر + م.م. كر ار عبد احمد	7
SCOPUS	Koroze a Ochrana Materialu	2020	Chemical resistance of N/SB rubber blends for surfaces corrosion protection of	أ.م.د. حاكم سماوي الجبوري	8

			metallic tanks in petrochemical industries		
Clarivate	International Journal of Corrosion and Scale Inhibition	2021	Effect of the structure, immersion time and temperature on the corrosion inhibition of 4-pyrrol-1-yl-n-(2,5-dimethyl-pyrrol-1-yl)benzoylamine in 1.0 m hcl solution	أ.م.د. حاكم سماوي الجبوري	9
Clarivate	International Journal of Corrosion and Scale Inhibition	2021	Experimental and theoretical investigations on the inhibition efficiency of n-(2,4-dihydroxytolueneylidene)-4-methylpyridin-2-amine for the corrosion of mild steel in hydrochloric acid	م.م. سكينة عبد الفتاح	10
Clarivate	Journal of Applied and Computational Mechanics	2021	Two-Dimensional Numerical Study of the Transient Flow Conditions in Complete Shock Tunnel	م.د. علي محمد حسين + أ.م.د. حاكم سماوي	11
SCOPUS	Mathematical Modelling of Engineering Problems	2021	Experimental Investigation of Heat Transfer of Nanofluid in Elliptical and Circular Tubes	م.م. عمار محمد علي + م.د. علي محمد حسين	12
Clarivate	Crystals	2021	Research summary on the processing, mechanical and tribological properties of aluminium matrix composites as effected by fly ash reinforcement	أ.م.د. حاكم سماوي الجبوري	13
Clarivate	Journal of Engineering Science and Technology	2021	Groundwater quality assessment for irrigation purpose using water quality index in Green Belt project in Karbala city- Iraq	أ.م.د. حاكم سماوي الجبوري	14
Clarivate	Energy Reports	2022	The design of a hybrid parabolic solar dish–steam power plant: An experimental study	م.م. علي باسم محمد	15

SCOPUS	Renewable Energy Focus	2022	The energy and exergy analysis of a combined parabolic solar dish – steam power plant	م.م. علي باسم محمد	16
SCOPUS	Journal of Energy Storage	2022	Review of solidification of phase change materials dispersed with nanoparticles in different containers	م.م. سامر اسود کوکز	17