



قائمة بالابحاث المنشورة
كلية الهندسه- جامعة 6 أكتوبر (٢٠٢٢-٢٠٢٣)

Electrical Department

No.	Research Title	Author Name	Department	Journal Name	Rank	Year of Publication
1	Multi-UAVs Deployment for Coverage maximization in dense urban environment considering co-channel interference	Ismail Mohammed Hafez	Electronics and communication	Computer Communications	Q1	2022
2	3D placement of a new tethered UAV to UAV relay system for coverage maximization	Ismail Mohammed Hafez	Electronics and communication	Electronics	Not assigned yet	2022
3	UGPL: A MATLAB application for UAV-to-Ground path loss calculations	Ismail Mohammed Hafez	Electronics and communication	Software Impacts	Q3	2022
4	A Vivaldi Antenna with Improved Bandwidth and Gain	Mohamed Mohamed Elhefnawy	Electronics and communication	International journal of electrical and computer engineering systems	Q4	2022
5	Low Complexity Linear Detectors for Massive MIMO with Several Antenna Array Configurations: A Comparative Study	Mohamed Mohamed Elhefnawy	Electronics and communication	International Journal of Electrical and Electronic Engineering & Telecommunications	Q4	2022
6	A Review on Precoding Techniques for mm-Wave Massive MIMO Wireless Systems	Mohamed Mohamed Elhefnawy	Electronics and communication	International Journal of Communication Networks and Information Security	Not assigned yet	2022

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				(IJCNIS)		
7	Proportional and Integral Variable Structure Controller (PI-VSC) for Grid Connected PWM Voltage Source Converter	Mohamed Abdel Ghany Mohamed	Electronics and communication	International Journal of Advanced Engineering and Business Science	Not assigned yet	2022
8	Fuzzy type two self-tuning technique of single neuron PID controller for brushless DC motor based on a COVID-19 optimization	Mohamed Abdel Ghany Mohamed	Electronics and communication	International Journal of Power Electronics and Drive Systems	Q3	2023
9	A New Self-Tuning Nonlinear PID Motion Control for One-Axis Servomechanism with Uncertainty Consideration	Mohamed Abdel Ghany Mohamed	Electronics and communication	International Journal of Power Electronics and Drive Systems	Q3	2023
10	Load frequency control for power system considering parameters variation using parallel distributed compensator based on Takagi-Sugino fuzzy	Mohamed Abdel Ghany Mohamed	Electronics and communication	Electric Power Systems Research	Q1	2023
11	Power quality enhancement of grid-islanded parallel microsources using new optimized cascaded level control scheme	Mohamed Abdel Ghany Mohamed	Electronics and communication	International Journal of Electrical Power & Energy Systems	Q1	2023
12	An Optimal Balanced Energy Harvesting Algorithm for Maximizing Two-Way Relaying D2D Communication Data Rate	Mahmoud salem	Electronics and communication	IEEE ACCESS	Q1	2022

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13	Employing Machine Learning and IoT for Earthquake Early Warning System in Smart Cities	Mahmoud salem	Electronics and communication	Energies	Q1	2023
14	Toward Secured IoT-Based Smart Systems Using Machine Learning	Mahmoud salem	Electronics and communication	IEEE Access	Q1	2023
15	A survey on essential challenges in relay-aided D2D communication for next-generation cellular networks	Mahmoud salem	Electronics and communication	Journal of Network and Computer Applications	Q1	2023
16	Detection Attention Deficit Hyperactivity Disorder by using Convolution Neural Network	Mona Shokair	Electronics and communication	International Journal of Telecommunications, IJT'	Not assigned yet	2023
17	Power quality enhancement of unbalanced Distributed-Resources based on triple-loop compensation	Amgad Salim	Electronics and communication	Ain Shams Engineering journal	Q1	2023

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Mechatronics Department

No.	Research Title	Author Name	Department	Journal Name	Rank	Year of Publication
1	Design and Manufacturing of X-Shape Quadcopter	Abdelrady Okasha Elnady	Mechatronics	International Journal of Engineering Research & Science (IJOER)	Not assigned yet	2022
2	Modeling and Control of X-Shape Quadcopter	Abdelrady Okasha Elnady	Mechatronics	IOSR Journal of Mechanical and Civil Engineering(2320-334X)	Not assigned yet	2022
3	Experimental and Numerical Study on the Hydrodynamic Performance of Suspended Curved Breakwaters	Mohamed Ali Ibrahim	Mechatronics	NAŠE MORE: znanstveni časopis za more i pomorstvo	Not assigned yet	2022
4	CFD Validation and Verification of Airflow Characteristics in Indoor Swimming Pool	Mohamed Ali Ibrahim	Mechatronics	Journal on Modern Research Methodologies	Not assigned yet	2023

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Structure Department

No.	Research Title	Author Name	Department	Journal Name	Rank	Year of Publication
1	Enhanced shear behaviour of reinforced concrete beams containing Nano-Titanium	Wael M Montaser	Structure	Engineering structures	Q1	2022
2	Structural behaviour of polystyrene foam lightweight concrete beams strengthened with FRP laminates	Wael M Montaser	Structure	International Journal of Concrete Structures and Materials	Q1	2022
3	Behaviour Of Stirrup Shape & Slab Thickness On Shear Resistance Of High-Strength Concrete T-Beams	Ahmed S. Mostafa	Structure	International Journal of Engineering and Innovative Technology	Not assigned yet	2022
4	Steel reinforced self-compacting concrete (SCC) cantilever beams: bond behaviour in poor condition zones	Wael M Montaser	Structure	International Journal of Concrete Structures and Materials	Q1	2023
5	Punching shear behavior of HSC & UHPC post tensioned flat slabs – An experimental study	Ahmed Afifi & Mohamed Ramadan	Structure	Results in Engineering	Q2	2023
6	Punching Capacity of UHPC Post Tensioned Flat Slabs with and	Ahmed Afifi & Mohamed Ramadan	Structure	Civil Engineering Journal	Not assigned yet	2023

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	Without Shear Reinforcement: An Experimental Study					
7	Evaluation of EGM96 and EGM08 based on GPS/Levelling Heights in Egypt	Nasr Saba	Structure	South African Journal of Geomatics	Not assigned yet	2023
8	Studying the ephemeris effect on position accuracy based on criteria applied to baseline lengths by new MATLAB program (NMP)	Nasr Saba	Structure	Journal of Astronomy and Space Science	Not assigned yet	2023
9	Identifying The Factors That Increase the Cost of Hse in Sustainable Projects Compared to Traditional Projects in Egypt	Esaa Ali	Structure	Sohbra Engineering journal	Not assigned yet	2023

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Architecture Department

No.	Research Title	Author Name	Department	Journal Name	Rank	Year of Publication
1	SMART PRISONS AND THE ABILITY TO ACHIEVE GOALS AND STANDARDS OF THE FACILITY IN TERMS OF RAISING ITS HUMANITARIAN AND SECURITY EFFICIENCY	Henar Aboelmagd	Architecture	Journal of Positive School Psychology	Not assigned yet	2022
2	SUSTAINABILITY IN COMMERCIAL BUILDINGS TO ACHIEVE A HEALTHY ENVIRONMENT FOR HUMANS. CASE STUDY TAIKOO HUI MALL	Henar Aboelmagd	Architecture	Journal of Positive School Psychology	Not assigned yet	2022
3	Towards Developing Sustainable Design Standards for Open Spaces	Amany Saker Mohamed	Architecture	International Journal of Architectural Engineering and Urban Research	Not assigned yet	2023
4	Assessment of the environmental impact and social interactions of new Megacities in Arab world in the era	Sahar S.A. Gado	Architecture	International Journal of Architectural Engineering and Urban	Not assigned yet	2023

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	of disasters			Research		
5	Smart Prisons And The Ability To Achieve Goals And Standards Of The Facility In Terms Of Raising Its Humanitarian And Security Efficiency	Islam A. Alshafey	Architecture	Journal of Positive School	Not assigned yet	2022
6	Sustainability In Commercial Buildings To Achieve A Healthy Environment For Humans. Case Study Taikoo Hui Mall	Mohamed hosny sabet	Architecture	Journal of Positive School Psychology	Not assigned yet	2022
7	Urban Regeneration as an approach of sustainable development of heritage and retaining tradition – FUWA, a Nile Port City as a case study	Manar Ahmed	Architecture	International Journal of Architectural Engineering and Urban Research	Not assigned yet	2023
8	Harmonizing Human Needs and sustainability in Islamic Architecture; Case Study of Zienab Khatoun House	Amany Saker Mohamed	Architecture	Sohage Journal	Not assigned yet	2023
9	Towards Sustainable Future: Exploring the Integration of Architecture Education Innovation	Amany Saker Mohamed	Architecture	International Journal of Engineering Scienc and Applications	Not assigned yet	2023

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and Sustainability – SVU - International Journal of Engineering Scienc and Applications					
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السنة	الدورية	القسم	إسم المؤلف	أسم البحث	م
٢٠٢٣		عمارة	عبد الله العريان	" رؤية استراتيجية لتنمية مجتمعات المدن المصرية التاريخية"، المؤتمر العلمي لكلية هندسة، جامعة ٦ أكتوبر "نحو مجتمعات مستدامة"،	١
٢٠٢٢	المجلة الإلكترونية الشاملة متعددة التخصصات	عمارة	هينار أبو المجد	فكر صفورية الطاقة كأحد اتجاهات ترشيد استهلاك الطاقة في المبنى	٢

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Basic Sciences Department

No.	Research Title	Author Name	Department	Journal Name	Rank	Year of Publication
1	Langmuir waves trapping in a (1+ 2) dimensional plasma system. Spectral and modulation stability analysis	Eman Said Fahmy & Mohamed Tantawy	Basic Sciences	Chinese Journal of Physics	Q2	2022
2	Heat traveling waves in rigid thermal conductors with phase lag and stability analysis	Mohamed Tantawy	Basic Sciences	Acta Mechanica	Q2	2022
3	Similariton regularized waves solutions of the (1+ 2)-dimensional non-autonomous BBME in shallow water and stability	Mohamed Tantawy	Basic Sciences	Journal of Ocean Engineering and Science	Q1	2022
4	Complex physical phenomena of a generalized (3+ 1)-dimensional Yu-Toda-Sasa-Fukuyama equation in a two-layer heterogeneous liquid	Mohamed Tantawy	Basic Sciences	The European Physical Journal Plus	Q2	2022
5	Similarity solutions of a generalized inhomogeneous-nonautonomous (2+ 1)-dimensional Konopelchenko–Dubrovsky equation. Stability analysis	Mohamed Tantawy	Basic Sciences	Alexandria Engineering Journal	Q1	2022
6	A new technique for solving Burgers-Kadomtsev-Petviashvili equation with an external source. Suppression of wave breaking and shock wave	Mohamed Tantawy	Basic Sciences	Alexandria Engineering Journal	Q1	2023

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