

X. Collaborations and Research Publications contributing to SDGs

Pharos University contributed to by research relevant to several SDGs. In total, in 2019, and according to SCOPUS data there are 93 indexed publications as shown in the table below. The following is a summary of these publications:

SDG OF CONCERN	NO. OF PUBLICATIONS
SDG 3. GOOD HEALTH AND WELLBEING	63
SDG 6. CLEAN WATER AND SANITATION	3
SDG7. AFFORDABLE ENERGY	4
SDG9. INDUSTRY INNOVATION AND INFRASTRUCTURE	20
SDG11. SUSTAINABLE CITIES	2
SDG12. RESPONSIBLE CONSUMPTION PRODUCTION	1

The co-authorship in the publications are due to collaborations with national, Regional and international universities and research institutions. The Table below shows these these intitutions and the number of Publications

Level of collaboration	Name of Institution	Relevant SDG	No. of publication
Local	Alexandria University	SDG3	41
		SDG6	1
		SDG9	8
		SDG11	1
		SDG15	1
	Cairo University	SDG3	4
	Ain shams University	SDG3	2
	Tanta University	SDG3	1
	Menofia University	SDG9	2
	Minia University	SDG9	1
	Damahur university	SDG3	1
	Azhar University	SDG9	1
	Aswan University	SDG3	1
	Arab Academy	SDG3	1
		SDG9	1
	Egyptian Japanese University	SDG3	9
		SDG7	1
	Higher Institute of Technology	SDG9	1
	Higher institute of fishery	SDG3	1
	Agriculture research center	SDG15	1
	Future University	SDG3	1
	Zewail City	SDG9	1
	City of Science and Technology	SDG3	2
		SDG9	1
	6 October University	SDG3	1
	Nile university	SDG3	1
Subtotal	19 National University and research centers		
Regional	American University of Beirut – Lebanon	SDG3	3
		SD6	1
		SDG9	2
		SDG15	1
	Banghazi University- Libya	SDG3	
	Prince Sattam Bin Abdul Aziz , KSA	SDG3	1

	King Abdul Aziz university – KSA	SDG3	1
	King Fahd University of Petroleum	SDG7	1
	Amman University- Jordan	SDG3	1
	Kuwait University	SDG3	
	Sanaa University – Yemen	SDG9	1
	United Arab Emirates university	SDG9	1
		SDG3	1
	Turkey University	SDG9	1
Subtotal	10 Regional Universities		
International	Fraunhofer institute for molecular biology- Germany	SDG3	1
	Munchen insituto de investigacion - Germany	SDG3	1
	University of Leipzig - Germany	SDG3	1
	University of Adelaide- Australia	SDG3	1
	Queensland university- Monach - Autralia	SDG3	1
	University of Innsbruck- Austria	SDG9	1
	Universidad de Navarra - Spain	SDG3	1
	University of Eastern Finland- Finland	SDG3	1
	University of Genoa- Italy	SDG3	1
	Queen Elizabeth Hospital , Dept. of clinical Oncology- Know;oon , Honlong- China	SDG3	1
	Hokkaido University- Japan	SDG3	1
	Elizabeth University- Malaysia	SDG3	1
	University of Teknologi Petonas- Malayia	SDG3	1
	University Putra - Malaysia	SDG9	1
	Old Dominion university- USA	SDG9	1
	University of Illinois - Chicago	SDG3	1
	South Dakota State university- USA	SDG3	1
	Calgary University - Canada	SDG3	1
Subtotal	18 International University		
Total	47 university and research institution		

Publications in SDG 3

1	A Novel Morphological Analysis of DXA-DICOM Images by Artificial Neural Networks for Estimating Bone Mineral Density in Health and Disease
	Mohamed, E.I., Meshref, R.A., Abdel-Mageed, S.M., Moustafa, M.H., Badawi, M.I., Darwish, S.H.
	Collaboration with Alexandria University
2	Co-targeting of endothelin-A and vitamin D receptors: a novel strategy to ameliorate cisplatin-induced nephrotoxicity
	Abdel Moneim, L.M., Helmy, M.W., El-Abhar, H.S
	Collaboration with Cairo University
3	Effect of using zirconia and metallic bar attachment overdentures on the supporting structures of mandibular edentulous ridge area (Randomized control trial) (2019) Indian Journal of Public Health Research and Development, 10 (9), pp. 1150-1155. 20)
	Debis, M.Z., Badr, A.I., Agamy, E.M., Mohamed, G.F.
	Collaboration with Minia University
4	Opportunistic parasitoses among Egyptian hemodialysis patients in relation to CD4+ T-cell counts: A comparative study
	Shehata, A.I., Hassanein, F., Abdul-Ghani, R.
	Collaboration with Alexandria University, and Sanaa University
5	Role of TGF- β 1 and C-Kit Mutations in the Development of Hepatocellular Carcinoma in Hepatitis C Virus-Infected Patients: in vitro Study
	El-Houseini, M.E., Ismail, A., Abdelaal, A.A., El-Habashy, A.H., Abdallah, Z.F., Mohamed, M.Z., El-Hadidi, M., Cho, W.C.S., Ahmed, H., Al-Shafie, T.A.
	Collaboration with Kowloon Hong Kong China, Queen Elizabeth Hospital, GlycoMantra, Cairo University, Ain Shams University
6	Synthesis and biological evaluation of purine-pyrazole hybrids incorporating thiazole, thiazolidinone or rhodanine moiety as 15-LOX inhibitors endowed with anticancer and antioxidant potential
	Afifi, O.S., Shaaban, O.G., Abd El Razik, H.A., Shams El-Dine, S.E.-D.A., Ashour, F.A., El-Tombary,
	Collaboration with City of Scientific Research and Technological Applications, and Alexandria University
7	Synthesis and molecular docking study of some 3,4-dihydrothieno[2,3-d]pyrimidine derivatives as potential antimicrobial agents
	Shaaban, O.G., Issa, D.A.E., El-Tombary, A.A., Abd El Wahab, S.M., Abdel Wahab, A.E., Abdelwahab, I.A.
8	Professional boundaries.
	ElNaem, M.H., Hamdy, N.A.
	Collaboration with INTERNATIONAL ISLAMIC Institute of Malaysia
9	Shooting three inflammatory targets with a single bullet: Novel multi-targeting anti-inflammatory glitazones (2019) European Journal of Medicinal Chemistry, 167, pp. 562-582. Cited 5 times.
	Elzahhar, P.A., Alaaeddine, R., Ibrahim, T.M., Nassra, R., Ismail, A., Chua, B.S.K., Frkic, R.L., Bruning, J.B., Wallner, N., Knape, T., von Knethen, A., Labib, H., El-Yazbi, A.F., Belal, A.S.F.

	Collaboration with Alexandria university, American University of Beirut, Beirut, Lebanon, The University of Adelaide, Adelaide, South Australia, Fraunhofer Institute for Molecular Biology and , Faculty of Medicine, Goethe-University Applied Ecology
10	A combined treatment of curcumin, piperine, and taurine alters the circulating levels of IL-10 and miR-21 in hepatocellular carcinoma patients: A pilot study
	Hatab, H.M., Abdel Hamid, F.F., Soliman, A.F., Al-Shafie, T.A., Ismail, Y.M., El-Houseini, M.E.
	Collaboration with Ain Shams university , Cairo university
11	A new design for a chronological release profile of etodolac from coated bilayer tablets: In-vitro and in-vivo assessment.
	Georgy, K.R., Farid, R.M., Latif, R., Bendas, E.R.
	Collaboration with Future university, Cairo university
12	A novel investigation of statins myotoxic mechanism: effect of atorvastatin on respiratory muscles in hypoxic environment
	El-Ganainy, S.O., El-Mallah, A., Abdallah, D., Khattab, M.M., El-Khatib, A.S., Mohy El-Din, M.M.
	Collaboration with Alexandria University, Cairo University
13	A novel voltammetry offline coupled MALDI/TOF MS characterization of electrochemical reaction products and the voltammetric determination of febuxostat in human plasma
	El-Yazbi, F.A., Amin, O.A., Bakry, R., Khamis, E.F., El-Kimary, E.I., Younis, S.E.
	Collaboration with University of Innsbruck, Alexandria University
14	An Initial Demonstration of Polyester Monomer Coordination Properties: Synthesis and Biological Activity of Metal Complexes Derived from a New Nanosized Diol
	Elhousseiny, A.F., Hussien, H.M., Hassan, H.H.A.M.
	Collaboration with Alexandria University
15	Anionic versus cationic liposomes as oral nanocarriers for enhanced delivery of the hydrophilic drug
	Elnaggar, Y.S.R., Omran, S., Hazzah, H.A., Abdallah, O.Y
	Collaboration with Alexandria University
16	Assessment of Osteoimmunological Changes Following Orthognathic Surgery
	Soliman, S., Dehis, M., Ahmed, M., Kateeb, E.E.L.
	Pharos University
17	Astrocyte-Targeted Transporter-Utilizing Derivatives of Ferulic Acid Can Have Multifunctional Effects Ameliorating Inflammation and Oxidative Stress in the Brain
	Ahmed Montaser, ¹ Johanna Huttunen, ¹ Sherihan Abdelhamid Ibrahim, ² and Kristiina M. Huttunen
	Collaboration with Eastern Finland
18	Clarithromycin resistance and genetic pattern of helicobacter pylori in a group of patients with peptic ulcer disease in alexandria, Egypt
	Alhammad, M.A., El-Kady, H., Hamed, Y.
	Collaboration with Universiti Teknologi PETRONAS, Alexandria university , Benghazi University

19	Clarithromycin resistance and genetic pattern of helicobacter pylori in a group of patients with peptic ulcer disease in alexandria, Egypt
	Alhammad, M.A., El-Kady, H., Hamed, Y.
	Collaboration with American University of Beirut, Alexandria university
20	Comparison of remineralization by fluoride varnishes with and without casein phosphopeptide amorphous calcium phosphate in primary teeth
	64) Salman, N.R., ElTekeya, M., Bakry, N., Omar, S.S., El Tantawi, M.
	Collaboration with Alexandria University
21	Comparison of the effects of short-duration wrist joint splinting combined with physical therapy and physical therapy alone on the management of patients with lateral epicondylitis.
	Kachanathu, S.J., Alenazi, A.M., Hafez, A.R., Algarni, A.D., Alsubiheen, A.M.
	Collaboration with Prince Sattam bin Abdulaziz University ,King Saud university
22	Controlled release Ibu-cryobarriers for the prevention of post-operative adhesions: In-vitro/in-vivo comparative study
	Ezzat, H.M., Elnaggar, Y.S.R., Abdallah, O.Y.
	Collaboration with Alexandria university
23	Correlation study of functional performance between diabetic and non-diabetic patients with knee osteoarthritis
	Hamed, A.M., Aboeleinen, M.H., Abdelgawad, H.A., Aboelazm, S.N
	Collaboration with Misr International University
24	Current strategies for different paclitaxel-loaded Nano-delivery Systems towards therapeutic applications for ovarian carcinoma: A review article
	Khalifa, A.M., Elsheikh, M.A., Khalifa, A.M., Elnaggar, Y.S.R
	Collaboration with Alexandria University
25	Dental management of a child with ectrodactyly ectodermal dysplasia cleft lip/palate syndrome: A case report
	Elhamouly, Y., Dowidar, K.M.L.
	Collaboration with Alexandria University
26	Design, synthesis and biological evaluation of novel α -acyloxy carboxamides via Passerini reaction as caspase 3/7 activators
	Salah Ayoup, M., Wahby, Y., Abdel-Hamid, H., Ramadan, E.S., Teleb, M., Abu-Serie, M.M., Noby, A.
	Collaboraton with Alexandria University, City of Scientific Research and Technological Applications
27	Design, synthesis and pharmacological evaluation of some substituted dihydropyrimidines with L-/T-type calcium channel blocking activities
	Teleb, M., Rizk, O.H., Zhang, F.-X., Fronczek, F.R., Zamponi, G.W., Fahmy, H.
	Collaboration with Institute, University of Calgary, Alexandria University, South Dakota State University
28	Diosmin Nanocrystal–Loaded Wafers for Treatment of Diabetic Ulcer: In Vitro and In Vivo Evaluation
	Atia, N.M., Hazzah, H.A., Gaafar, P.M.E., Abdallah, O.Y.

	Collaboration with Alexandria University, Arab Academy for Science, Technology and Maritime Transport
29	Dual VEGFR-2/PIM-1 kinase inhibition towards surmounting the resistance to antiangiogenic agents via hybrid pyridine and thienopyridine-based scaffolds: Design, synthesis and biological evaluation (2019) Bioorganic Chemistry, 92, art. no. 103189, .
	Rizk, O.H., Teleb, M., Abu-Serie, M.M., Shaaban, O.G.
	Collaboration with Alexandria University
30	Eco-Friendly Tadalafil Surfactant-Free Dry Emulsion Tablets (SFDETs) Stabilized by In Situ Self-Assembled Aggregates of Natural Oil and Native Cyclodextrins
	Badr-Eldin, S.M., Labib, G.S., Aburahma, M.H.
	Collaboration with Alexandria University, King Abdulaziz University
31	Effect of local administration of simvastatin on orthodontic tooth movement in rabbits
	AlSwafeeri, H., ElKenany, W., Mowafy, M., Karam, S.
	Collaboration with Alexandria University
32	Effect of using distal extension bar on the posterior ridge area in implant supported mandibular overdentures
	Abdel Hamid, S.M., Hamzawi, A.G., Agamy, E.M., Mohamed, G.F
	Collaboration with Minia University
33	Effect of visceral decongestion of true pelvis on primary dysmenorrhea
	Atef, A.M., Awad, M.A., Emara, H.M., Kamel, H.E.D.H.
	Collaboration with Alexandria University
34	Emergence of bla _{TEM} and bla _{SHV} among VIM-producing <i>Pseudomonas aeruginosa</i> clinical isolates in Alexandria, Egypt
	Gaballah, A., Elbaradei, A., Elsheredy, A., Kader, O.
	Collaboration with Alexandria University
35	Enhanced production of di-(2-ethylhexyl) phthalate (DEHP) by <i>Bacillus subtilis</i> AD35 using response surface methodology (RSM)
	Lotfy, W.A., Hassan, S.W.M., Abd El-Aal, A.A., Ghanem, K.M.
	Collaboration with Alexandria University, and National Institute of Oceanography and Fisheries
36	Evaluating the therapeutic potential of one-carbon donors in nonalcoholic fatty liver disease
	Bakir, M.B., Salama, M.A., Refaat, R., Ali, M.A., Khalifa, E.A., Kamel, M.A.
	Collaboration with Alexandria University
37	Formulation strategies for achieving high delivery efficiency of thymoquinone-containing <i>Nigella sativa</i> extract to the colon based on oral alginate microcapsules for treatment of inflammatory bowel disease
	Samak, Y.O., Santhanes, D., El-Massik, M.A., Coombes, A.G.A.
	Collaboration with Queensland university, Monash university, Queen Elizabeth university

38	Improved oral bioavailability of the anticancer drug catechin using chitosomes: Design, in-vitro appraisal and in-vivo studies
	Ezzat, H.M., Elnaggar, Y.S.R., Abdallah, O.Y.
	Collaboration with Alexandria university
39	Improving hepatic mitochondrial biogenesis as a postulated mechanism for the antidiabetic effect of spirulina platensis in comparison with metformin (2019) Applied Physiology,
	Oriquat, G.A., Ali, M.A., Mahmoud, S.A., Eid, R.M.H.M., Hassan, R., Kamel, M.A.
	Collaboration with Amman university, Alexandria university , Aswan university
40	Insights on the use of nanocarriers for acne alleviation (2019) Current Drug Delivery, 16 (1), pp. 18-25. Cited 11 times.
	Amer, S.S., Nasr, M., Mamdouh, W., Sammour, O.
	Collaboration with Alexandria University
41	Lecithin Microemulsion Lipogels Versus Conventional Gels for Skin Targeting of Terconazole: In Vitro, Ex Vivo, and In Vivo Investigation
	Talaat, S.M., Elnaggar, Y.S.R., Abdalla, O.Y.
	Collaboration with Alexandria University
42	Liquid Chromatography-Mass Spectrometry for muconic, mandelic, hippuric and methylhippuric acids analysis in human urine as metabolites for fuel exposure
	Belal, S.F., Shaalan, R.A., Ragab, M.A.A., El-Attar, E.A., Agami, M.
	Collaboration with Alexandria University
43	Maxillary sinus floor elevation using hydroxyapatite nano particles vs tenting technique with simultaneous implant placement: A randomized clinical trial
	Khaled, H., Atef, M., Hakam, M.
	Collaboration with Cairo University
44	Mechanistic role of cAMP and hepatocyte growth factor signaling in thioacetamide-induced nephrotoxicity: Unraveling the role of platelet rich plasma
	Keshk, W.A., Zahran, S.M.
	Collaboration with Tanta University
45	Mesoporous silica nanoparticles, a safe option for silymarin delivery: preparation, characterization, and in vivo evaluation
	Nasr, S.S., Nasra, M.M.A., Hazzah, H.A., Abdallah, O.Y.
	Collaboration with Alexandria University
46	Micro- and nanotechnology approaches to improve Parkinson's disease therapy
	Torres-Ortega, P.V., Saludas, L., Hanafy, A.S., Garbayo, E., Blanco-Prieto, M.J.
	Collaboration with Universidad de Navarra, Instituto de Investigación Sanitaria de Navarra
47	Reviewing two decades of nanomedicine implementations in targeted treatment and diagnosis of pancreatic cancer: An emphasis on state of art
	El-Zahaby, S.A., Elnaggar, Y.S.R., Abdallah, O.Y.

	Collaboration with Alexandria University
50	Robust Chromatographic Methods for the Analysis of Two Quaternary Mixtures Containing Paracetamol, Codeine, Guaifenesin and Pseudoephedrine or Phenylephrine in their Dosage Forms (2019) Journal of Chromatographic Science, 57 (9), pp. 828-837.
	El-Kimary, E.I., Khamis, E.F., Belal, S.F., Abdel Moneim, M.M
	Collaboration with Alexandria University
51	Simple mix-and-read assays for the determination of baclofen in pharmaceutical formulation
	El-Yazbi, A.F., Guirguis, K.M., Bedair, M.M., Belal, T.S.
	Collaboration with Alexandria University
52	Simultaneous determination of methocarbamol and aspirin in presence of their pharmacopeial-related substances in combined tablets using novel HPLC-DAD method
	El-Yazbi, F.A., Amin, O.A., El-Kimary, E.I., Khamis, E.F., Younis, S.E.
	Collaboration with Alexandria University
53	Structurally Diverse Histone Deacetylase Photoreactive Probes: Design, Synthesis, and Photolabeling Studies in Live Cells and Tissue
54	Aboukhatwa, S.M., Hanigan, T.W., Taha, T.Y., Neerasa, J., Ranjan, R., El-Bastawissy, E.E., Elkersh, M.A., El-Moselhy, T.F., Frasor, J., Mahmud, N., McLachlan, A., Petukhov, P.A.
	Collaboration with University of Illinois at Chicago , Tanta University, Alexandria University
55	Successful treatment of acute experimental toxoplasmosis by spiramycin-loaded chitosan
	Hagras, N.A.-E., Allam, A.F., Farag, H.F., Osman, M.M., Shalaby, T.I., Fawzy Hussein Mogahed, N.M., Tolba, M.M., Shehab, A.Y
	Collaboration with Alexandria University
56	Synthesis of hexagonal nanozinc by arc discharge for antibacterial water treatment, (2019) Surface Innovations, 8 (3), pp. 165-171. Cited 1 time, DOI: 10.1680/jsuin.19.00050
	Khalil, A.M., El-Khatib, A.M., El-Khatib, M.
	Collaboration with Alexandria University
57	Synthesis of some new C2 substituted dihydropyrimidines and their electrophysiological evaluation as L-/T-type calcium channel blockers
	Teleb, M., Rizk, O.H., Zhang, F.-X., Fronczek, F.R., Zamponi, G.W., Fahmy, H.
	Collaboration with South Dakota State University, University of Calgary, University of Calgary, Alexandria University
58	Synthesis, antibacterial evaluation, and DNA gyrase inhibition profile of some new quinoline hybrids
	Rizk, O.H., Bekhit, M.G., Hazzaa, A.A.B., El-Khawass, E.-S.M., Abdelwahab, I.A.
	Collaboration with Alexandria University
59	Telmisartan and captopril ameliorate pregabalin-induced heart failure in rats (2019) Toxicology, 428, art. no. 152310, . Cited 1 time.
	Awwad, Z.M., El-Ganainy, S.O., ElMallah, A.I., Khattab, M.M., El-Khatib, A.S
	Collaboration with Alexandria University and Cairo University

60	The possible antidiabetic effects of vitamin D receptors agonist in rat model of type 2 diabetes
	Abdel-Rehim, W.M., El-Tahan, R.A., El-Tarawy, M.A., Shehata, R.R., Kamel, M.A.
	Collaboration with Alexandria University
61	The role of $\alpha 7nAChR$ in controlling the anti-inflammatory/anti-arthritis action of galantamine
	Gowayed, M.A., Rothe, K., Rossol, M., Attia, A.S., Wagner, U., Baerwald, C., El-Abhar, H.S., Refaat, R.
	Collaboration with University of Leipzig, Germany, Cairo University
62	Torres-Ortega, P.V., Martínez-Valbuena, I., Martí-Andrés, G., Hanafy, A.S., Luquin, M.R.,
	90) Torres-Ortega, P.V., Martínez-Valbuena, I., Martí-Andrés, G., Hanafy, A.S., Luquin, M.R.,
	Collaboration with Universidad de Navarra, universität München, Instituto de Investigación Sanitaria de Navarra, Universidad de Navarra
63	Volatile organic compounds of biofluids for detecting lung cancer by an electronic nose based on artificial neural network
	Mohamed, E.I., Mohamed, M.A., Abdel-Mageed, S.M., Abdel-Mohdy, T.S., Badawi, M.I., Darwish, S.H.
	Alexandria university, October 6 university

Publications in SDG 6:

1	Removal of Zinc from Aqueous Solution Using Activated Oil Shale
	Ehssan Nassef, Yehia Eltaweel
	Alexandria university
2	Synthesized silver carbon nanotubes and zinc oxide nanoparticles and their ability to remove methylene blue dye (2019) Journal of Nano Research, 56, pp. 1-16. Cited 3 times.
	El-Khatib, A.M., Yousef, N.S., Ghatass, Z.F., Badawi, M.S., Mohamed, M.M., Elkhatab, M.
	Beirut university, Alexandria university
3	Removal of Zinc from Aqueous Solution Using Activated Oil Shale
	Ehssan Nassef, Yehia Eltaweel
	Alexandria university

Publications in SDG 7:

1	A New Self-Synchronized Strategy for Grid-Connected Three Phase Voltage Source Inverters
	Aboushal, M.A., Moustafa, M.M.Z., El-Gammal, M.A
	Alexandria University
2	Hybrid energy-efficient protocol in delay tolerant networks for IoT systems
	Elsaadany, A., Aboulhassan, M.
	Pharos University in Alexandria

3	Performance Analysis and Power Optimization for Spectrum-Sharing Mixed RF/FSO Relay Networks with Energy Harvesting
	El-Malek, A.H.A., Aboulhassan, M.A., Salhab, A.M., Zummo, S.A.
	Japan University of Science and Technology, King Fahd University of Petroleum & Minerals, Dhahran
4	The ability of forecasting flapping frequency of flexible filament by artificial neural network
	Fayed, M., Elhadary, M., Ait Abderrahmane, H., Zakher, B.N.
	American University of the Middle East, Khalifa University of Science and Technology,

Publications in SDG 9:

1	Heat transfer enhancement in a radial turbulent sink flow cooling system
	Sorour, M.M., Fayed, M., El-Din, N.A.
	Alexandria University
2	A Coherent Performance for Noncoherent Wireless Systems Using AdaBoost Technique
	Gamal, H., Ismail, N.E., Rizk, M.R.M., Khedr, M.E., Aly, M.H.
	Arab Academy for Science Technology, Alexnadria university
3	A novel nanocomposite of Liquidambar styraciflua fruit biochar-crosslinked-nanosilica for uranyl removal from water
	Mahmoud, M.E., Khalifa, M.A., El Wakeel, Y.M., Header, M.S., El-Sharkawy, R.M., Kumar, S.,
	Old Dominion University, Alexandria University
4	A System Dynamics Model of Apparel Supply Chain Under Mass Customization
	Issa, M., Elgholmy, S., Sheta, A., Fors, M.N.
	Alexandria university
5	ArMTFr: a new permutation-based image encryption scheme
	Elkamchouchi, H., Salama, W.M., Abouelseoud, Y.
	Alexandria University
6	Biodegradation of Petroleum Oil Effluents and Production of Biosurfactants: Effect of Initial Oil Concentration
	Mostafa, N.A., Tayeb, A.M., Mohamed, O.A., Farouq, R.
	Minia university
7	Design and testing of high-density polyethylene nanocomposites filled with lead oxide micro- and nano-particles: Mechanical, thermal, and morphological properties
	Mahmoud, M.E., El-Khatib, A.M., El-Sharkawy, R.M., Rashad, A.R., Badawi, M.S., Gepreel, M.A.
	Beirut Arab University, Egypt-Japan University of Science and Technology
8	Does engineering of nanoshapes have antibacterial synergy with magnetic signal exposure?
	El-Kaliuoby, M.I., El-Khatib, A.M., Khalil, A.M.

	Alexandria University
9	Effect of square pulsed magnetic field exposure on growth kinetics of <i>Dickeya solani</i>
	Balabel, N.M., El-Kaliuoby, M.I., Khalil, A.M.
	Alexandria University, Agriculture Research Center
10	Fabrication and characterization of phosphotungstic acid - Copper oxide nanoparticles - Plastic waste nanocomposites for enhanced radiation-shielding
	Mahmoud, M.E., M.El-Sharkawy, R., Allam, E.A., Elsaman, R., El-Taher, A
	Al-Azhar University, Alexandria University
11	Graphene Magneto-Electric Antenna on Curved Structures for Millimeter Wave Communications
	Ghazi, A.M., Hamada, H., Malhat, H.A., Zainud-Deen, S.H
	Higher Technological Institute, Menoufia University, Badr University
12	High gain graphene-based magneto-electric antenna for 5G communications
	Zainud-Deen, S.H., Malhat, H.A., Ghazi, A.M.
	Badr University in Cairo, Menoufia University
13	Humans and bots web session identification using k-means clustering
	Medhat, M., Hassan, Y.F., Elsayed, A.
	Alexandria university
14	Kinetic study of the esterification of unsaturated free fatty acids
	Hawash, S.A., Ebrahiem, E.E., Farag, H.A.
	Alexandria University, Minia University
15	Lupine extract: A promising eco-friendly corrosion inhibitor
	Zarraa, R.M., Mahgoub, F.M., Hefnawy, A.
	Alexandria university
16	On the Location of a Constrained k- Tree Facility in a Tree Network with Unreliable Edges
	Aboutahoun, A.W., Fares, E.
	Zewail City of Science and Technology
17	Study of some gamma ray attenuation parameters for new shielding materials composed of NANO ZnO blended with high density polyethylene
	Alsayed, Z., Badawi, M.S., Awad, R., Thabet, A.A., El-Khatib, A.M.
	Beirut Arab University & Alexandria Univeisty
18	Surface Defects Classification of Hot-Rolled Steel Strips Using Multi-directional Shearlet Features
	Ashour, M.W., Khalid, F., Abdul Halin, A., Abdullah, L.N., Darwish, S.H.
	University Putra Malaysia
19	The Effect of Vortex Generators on Aerodynamics for Sedan Cars
	Bassem Nashaat Zakher, Mostafa El-Hadary, Andrew Nabil Aziz
	City of Scientific Research and Technological Application , Alexandria university

20	The Modified Fractional Power Series Method for Solving Fractional Non-isothermal Reaction–Diffusion Model Equations in a Spherical Catalyst
	Syam, M.I., Anwar, M.-N.Y., Yildirim, A., Syam, M.M.
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1	Framework for Interaction between Databases and Microservice Architecture
	Kholy, M.E., Fatatry, A.E.
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2	IMPACT OF BUILDING REGULATIONS ON THE URBAN FABRIC OF THE CITY: CASE STUDY OF ALEXANDRIA, EGYPT
	NADIA SAMIR, RAMADAN ABD EL MAKSoud, IBRAHIM MAAROF
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1	Chemical profiling, biostatic and biocidal dynamics of <i>Origanum vulgare</i> L. essential oil (2019) AMB Express, 9 (1), art. no. 41, . Cited 6 times.
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