



Template for Evidence(s) UI GreenMetric Questionnaire

University : Al-Mustaqlab University College
Country : Iraq
Web Address : <https://uomus.edu.iq/en/default.aspx>

[6] Education and Research (ED)

[6.7] Number of scholarly publications on sustainability published. (average annually for the past 3 years)

Description:

Number of sustainability published papers in 2020 = 39

Number of sustainability published papers in 2021 = 71

Number of sustainability published papers in 2022 = 248

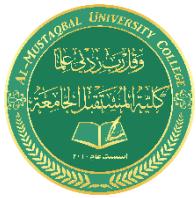
Average annually for the past 3 years = 119.3

Evidence:

Publications on Sustainability During 2020 - 2022					
Seq.	Title	Authors	Link	Related SDG	Year
1	The Association between Alfacalcidol (1-Alphahydroxyvitamin D3) and Oxidative Stress in Patients with Type II Diabetic Nephropathy	Ahmed Khalid Aldhalmi, Ali Jihad Hemid Al-Athari	https://www.sysrevpharm.org/abstract/the-association-between-alfacalcidol-1alphahydroxyvitamin-d3-and-oxidative-stress-in-patients-with-type-ii-diabetic-neph-66865.html	SDG3	2020
2	Activity of zinc oral dispersible tablet on marjory clinical type of recurrent aphthous stomatitis ulceration, a clinical trial human study	Ghadah Ali Al-Oudah, AmeerHamdi AL-Ameedee, Sinan Abdul-Sattar Shwailiya	https://www.journal.atmph-specialissues.org/abstract.php?article_id=8101	SDG3	2020



3	Knowledge of the mothers toward sanitation and hygiene in relation to childhood gastroenteritis in Babylon province	Sijal Fadhil Farhood Al Joborae, Fadhil Farhood Mekki Al Joborae, Sura Falah Abdul Hadi Al-Jubbawi, Ihab Raad Abbas Abid Ali	https://medicopublication.com/index.php/ijfmt/article/view/11805	SDG3	2020
4	Assessment of Serum Trace Elements Levels in Chronic Hemodialysis Patients	Wafaa H. Ajam	http://www.connectjournals.com/toc2.php?abstract=3244902H_5487A.pdf&&bookmark=CJ-033216&&issue_id=02&&yaer=2020	SDG3	2020
5	Evaluate the CA125 for Discriminate Between Epithelial Ovarian Cancer (EOC) and Endometriosis, Ovarian Cyst Depending on PSA Fucosylation by using Nano-Lectin Immunoassay	Aamer M. Ali, Omar F. Abdul-Rasheed and Hala Abdul Qadir	http://www.connectjournals.com/toc2.php?abstract=3265802H_6305A.pdf&&bookmark=CJ-033216&&issue_id=02&&yaer=2020	SDG3	2020
6	Major histocompatibility complex gene polymorphism in systemic lupus erythematosus patients	Zahraa Haleem Alqaim, Methak J. Al-Jboori, Mona N. Al-Terehi	http://medicopublication.com/index.php/ijfmt/article/view/11783	SDG3	2020
7	Effect of new synthesized compounds of 2-thiouracil sulfonamide derivatives against colon and liver carcinoma cells "in vitro study"	Saif M.Hassan, Ashwaq Najemaldeen Abbas AL-Jaf, Yasmeen Ali Hussien, Samir M.Awad, Maysaa Ali Abdulkhaleq Najah R.Hadi	http://www.ijpronline.com/ViewArticleDetail.aspx?ID=17454	SDG3	2020



8	Helicobacter pylori and recent ischemic stroke: Is there a relationship?	Ahmed Khalid Aldhalmi, Laith Aldabbagh, Ammar Jabbar Hamad, Sadiq J. AL-Muhana, Hayder K. Hassoun, Mohammed Dhamin Alareedh, Ahmed Almudafer, Jaber Hatif Jaber	http://www.ijpronline.com/ViewArticleDetail.aspx?ID=17956	SDG3	2020
9	Study role of interleukin 23 level, family histories and blood groups in psoriasis patients	Eman Wahab Kadhum, Basim Mohammed Hanon, Hasaneen Kudhair Abdull Abass	https://www.journal.atmph-specialissues.org/abstract.php?article_id=8357	SDG3	2020
10	Molecular detection of <i>Coxiella burnetii</i> and <i>Borrelia burgdorferi</i> in ticks infesting goats in North-Eastern states of India	Gautam Patra, Subhamoy Ghosh, Priyanka, M.A. Efimova, Ana Sahara, Ghaidaa Raheem Lateef Al-Awsi, Shamik Polley and Apurba Debbarma	https://www.tandfonline.com/doi/full/10.1080/01647954.2020.1805000	SDG3	2020
11	Epidemiological and immunological study of nasal polyposis among allergic patients in Babylon province: Cross-sectional study	Habeeb Shuaib Ahmed, Suaad Mohammed Rasheed, Rana Fadhil Obaid, Safaa Hussain Alturaih, and Rasha Fadhil Obaid	https://pubmed.ncbi.nlm.nih.gov/33341843/	SDG3	2020
12	Association between the level of Bradykinin and viral infection in patient suffering from respiratory infection, renal transplant, and renal failure	Laith A.I.K. Al-Kaif, Hayder A.A. Al-Asadi, Younis A.K. Al-Khafaji, Raheem T. Al Mamori, Hussein A. Mezher, Waleed M. Kazem, Mustafa W. Kazem, Hussein A. Majali, Ali H. Ali, Abbas Q. Obaid, Jasem M. Hussein, Bassam M. Atyaee, Rusul H. Edin	https://isindexing.com/isi/paper_details.php?id=29745	SDG3	2020



13	Natural filtration unit for removal of heavy metals from water	Fatemah S. Abdulraheem, Zainab S. Al-Khafaji, Khalid S. Hashim, Magomed Muradov, Patryk Kot and Ali Abdulhussein Shubbar	https://iopscience.iop.org/article/10.1088/1757-899X/888/1/012034	SDG3	2020
14	Intensive care admission rate due to Covid-2019	Mostafa Mohammadi, Mohammed Abdul Zahra Sasaa, Ali Fadihl Al-Emran, Majid Fakhir Alhamaidah, Ali B. Roomi, Hamza Sh. Abd-Alzahra, Maha Sahib A L. Kabbri, Sabah A L Hussaini, Nwar Al.Naqeeb,	http://www.ijpronline.com/ViewArticleDetail.aspx?ID=17787	SDG3	2020
15	The incidence of postoperative sore throat after local application of different lidocaine forms & methods; a narrative review	Majid Alhamaidah, Hussein Alkhfaji, Hussein Ali Hussein, Sami Raheem Hasan, Mohammed Abdul Zahra Sasaa, Ali Zaidan Alomaran, Amjed Qasim Mohammed, Ali B. Roomi	http://www.ijpronline.com/ViewArticleDetail.aspx?ID=17788	SDG3	2020
16	Primary women infertility and thyroid disorders	Madha Mohammed Saleh, Ola Abbas Khdhair, Amina Salman Ali	http://ijop.net/index.php/mlu/article/view/1144	SDG3	2020
17	Study some immunological parameters for <i>Salmonella typhi</i> patients in Hilla city	Marwa Fadhil Alsaffar, Zahraa Haleem, Mohammed Naser Hussain	https://jprsolutions.info/files/final-file-5e7ee9e2c9a953.25016510.pdf	SDG3	2020



18	Evaluate the fPSA for discriminate between prostate cancer patients (PCa) and Benign Prostatic Hyperplasia (BPH) depending on psa fucosylation by using nanolectin immunoassay	Aamer M. Ali, Omar F. Abdul-Rasheed, Ahmed Turki Obaid.	https://www.sysrevpharm.org/abstract/evaluate-the-fpsa-for-discriminate-between-prostate-cancer-patients-pca-and-benign-prostatic-hyperplasia-bph-depending-on-psa-fucosylation-by-using-nanolectin-immunoassay	SDG3	2020
19	Applications of high density concrete in preventing the impact of radiation on human health	Zainab S. Al-Khafaji and Mayadah W. Falah	https://www.jardcs.org/abstract.php?id=3573	SDG3	2020
20	Phylogenetic analysis of giardia lamblia using small subunit ribosomal rna (Ssrna) gene and triose phosphates isomerase (TPI) gene isolated from Iraqi patients	Abdulkareem Khattar Shaalan Alhatemi , Sundus Nsaif AlHuchaimi, Majida Malik Meteab Alshammari, Alia Essa Bashbosh, Rasha Fadhl Obaid	https://www.semanticscholar.org/paper/Phylogenetic-analysis-of-Giardia-lamblia-using-gene-Alhatemi-Alhuchaimi/ac7db2e09a012336973512a6f16b18e5515cf7a4	SDG3	2020
21	The association between mn-sod gene polymorphism and peripheral neuropathy in type2 diabetic patients of Babylon province-iraq	Asma'a H. Mohamed, Haider K. Zaidan, Ali H. Al-Saadi	http://medicopublication.com/index.php/ijfm/article/view/115	SDG3	2020
22	Unexpected adverse medical & surgical health conditions in neonates after elective cesarean sections within the context of the influence of local sociodemographic factors in Babylon	Sijal Fadhil Farhood Al-Joborae, Ihab Raad Abbas Abid Ali; Fadhil Farhood Mekki Al-Joborae	https://ijop.net/index.php/mlu/article/view/449	SDG3	2020



23	Molecular characterization and gene expression profiling of Trichophyton rubrum treated with a Marasmius palmivorus filtrate	Nadia N. H. Al-Masaoodi, Jawad K. Abood Al-Janabi, Ban Taha Mohammed	https://web.b.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authType=pe=crawler&jrnlnumber=09757619&AN=144741267&h=7r%2BUII5IEroHQEbDESCZuehIhezjDQPtxlUJ%2BWM%2BgPIkPcoBrvx%2FVkkB1kbV7d%2BpXXtw5T1tyAAA4H%2FY3j%2FK5A%3D%3D&crl=c&resultNs=AdminWebAuth&resultLocal=ErCrINotAuth&crlhashurl=login.aspx%3Fdirect%3Dtrue%26profile%3Dhost%26scope%3Dsite%26authtype%3Dcrawler%26jrnlnumber%3D09757619%26AN%3D144741267	SDG3	2020
24	Behavior of Salt transport and submarine groundwater discharge between an Estuary and the underlying coastal aquifer	Wissam Al-Taliby, Ashok Pandit, and Hadeel Dekhn	https://ascelibrary.org/doi/pdf/10.1061/9780784482964.007	SDG6, SDG13 & SDG15	2020
25	Ultrasonic-Electrocoagulation Method for Nitrate Removal from Water	Saeed Al-Marri, Saif Salah AlQuzweeni, Khalid S. Hashim, Rafid AlKhaddar, Patryk Kot, Rasha Salah AlKizwini, Salah L. Zubaidi, and Zainab S. Al-Khafaji	https://iopscience.iop.org/article/10.1088/1757-899X/888/1/012073	SDG6	2020
26	Mixed Convection in a Double Lid-Driven Cavity Filled with Hybrid Nanofluid by Using Finite Volume Method	I.R. Ali ,Ammar I. Alsabery, N.A. Bakar and Rozaini Roslan	https://www.mdpi.com/2073-8994/12/12/1977	SDG7	2020
27	Study on oil fouling in a double pipe heat exchanger with mitigation by a surfactant	Basim O. Hasan, Hasan Sh Majdi, and Mustafa M. Hathal	https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.21738	SDG7	2020



28	Fracture Properties Evaluation of Cellulose Nanocrystals Cement Paste	Seyed Ali Ghahari, Lateef N. Assi, Ali Alsalmán, and Kürşat E. Alyamaç	https://www.mdpi.com/1996-1944/13/11/2507	SDG7	2020
29	The Rooms Air Conditioning by Cooling the Conventional Water Tank Using Hot Summer Air and Solar Energy	Hasan Shakir Majdi, Faez Abid Muslim Abd Ali, Laith Jaafer Habeeb	https://www.ijeta.org/journals/ijht/paper/10.18280/ijht.380224	SDG7	2020
30	Effect of Electrode Material and Hydrodynamics on the Produced Current in Double Chamber Microbial Fuel Cells	Marwa S. Hamed, Hasan Sh. Majdi, and Basim O. Hasan	https://pubs.acs.org/doi/abs/10.1021/acso mega.9b04451	SDG7	2020
31	Recent advances in solar thermal assisted air conditioning systems	Kamaruzzaman Sopian, M Alkhair, A M Abed, B Elhub, A M Elbreki, and Ali H A Al-Waeli	https://dl.acm.org/doi/10.1145/3410352.3410835	SDG7	2020
32	Review: Using of Sustainable Materials to Develop the Buildings to be Green	Zahraa Ali Hammod	http://www.sersc.org/journals/index.php/IJAST/article/view/31555	SDG11	2020



33	Experimental data on compressive strength and ultrasonic pulse velocity properties of sustainable mortar made with high content of GGBFS and CKD combinations	Hasan Sh Majdi, Ali Abdulhussein Shubbar, Mohammed Salah Nasr, Zainab S. Al-Khafaji, Hassnen Jafer, Muhammad Abdulredha, Zainab AlMasoodi, Monower Sadique, and Khalid Hashim	https://www.sciencedirect.com/science/article/pii/S2352340920308556?via%3Dihub	SDG11	2020
34	Review of availability of source materials for geopolymers/sustainable concrete	Lateef N. Assi, Kealy Carter, Edward Deaver, and Paul Ziehl	https://www.sciencedirect.com/science/article/abs/pii/S0959652620315249?via%3Dihub	SDG11	2020
35	Reduction of Environmental Pollution and Improving the (Mechanical, Physical and Chemical Characteristics) of Contaminated Clay Soil by Using of Recycled Oil	Abdullah Jabar Hussain and Zainab S. Al-Khafaji	https://www.jardcs.org/abstract.php?id=3688	SDG12	2020
36	Tensile behavior of fiber reinforced cement mortar using wastes of electrical connections wires and galvanized binding wires	Maryam. H. Naser, Fatimah H. Naser, and Mohammed K. Dahir	https://www.sciencedirect.com/science/article/abs/pii/S0950061820322492?via%3Dihub	SDG12	2020
37	Early properties of concrete with alkali-activated fly ash as partial cement replacement	Lateef N. Assi, Ali Majdi, Yasir Alhamadani, and Paul Ziehl	https://www.icevirtuallibrary.com/doi/abs/10.1680/jcoma.19.00092	SDG12	2020



38	The fields of applying the recycled and used oils by the internal combustion engines for purposes of protecting the environment against pollutions	Abdullah Jabar Hussain, and Zainab S. Al-Khafaji	https://www.jardcs.org/abstract.php?id=3580	SDG12	2020
39	Properties of cement mortar incorporated high volume fraction of GGBFS and CKD from 1 day to 550 days	Ali Abdulhussein Shubbar, Hassnen Jafer, Muhammad Abdulredha, Zainab S.Al-Khafaji, Mohammed Salah Nasr, Zainab Al Masoodi, and Monower Sadique	https://www.sciencedirect.com/science/article/abs/pii/S2352710219323435?via%3Dhub	SDG13	2020
40	The Correlation between Selenium-Dependent Glutathione Peroxidase Activity and Oxidant/Antioxidant Balance in Sera of Diabetic Patients with Nephropathy	Abdulateef Altuhafi, Muhammed Altun, Mahmoud Hussein Hadwan	http://rbmb.net/article-1-606-en.html	SDG3	2021
41	Drug delivery of amoxicillin molecule as a suggested treatment for covid-19 implementing functionalized mesoporous SBA-15 with aminopropyl groups	Haneen F Alazzawi, Issam K Salih, and Talib M Albayati	https://pubmed.ncbi.nlm.nih.gov/33928831/	SDG3	2021
42	Impact of Arthrocentesis in Treatment of Temporomandibular Joint Problems	Imad K. Abbas al-Rifae, Zaid M. Akram, and Qaisar K. Oraibi	https://ijddt.com/volume11issue1/	SDG3	2021



43	Chemokine CXCL 14; a double-edged sword in cancer development	Arezoo Gowhari Shabgah, Zahraa Haleem Al-Qaim, Alexander Markov, Alexei Valerievich Yumashev, Fatemeh Ezzatifar, Majid Ahmadi, Seyed Mohammad Gheibihayat, Jamshid Gholizadeh Navashenaq	https://www.sciencedirect.com/science/article/pii/S1567576921003179?via%3Dihub	SDG3	2021
44	Effect of Chlordiazepoxide Oral Tablet on Oral Recurrent Bruxism, A Clinical Trial Human Study	Ghadah Ali AL-Oudah, Ameer Hamdi AL-Ameedee, Ali Ameer AL-Ameedee	https://www.sysrevpharm.org/abstract/effect-of-chlordiazepoxide-oral-tablet-on-oral-recurrent-bruxism-a-clinical-trial-human-study-67817.html	SDG3	2021
45	Driving behaviour identification based on OBD speed and GPS data analysis	Hussein Ali Ameen, Abd Kadir Mahamad, Sharifah Saon, Mohd Anuaruddin Ahmadon, Shingo Yamaguchi	https://astesj.com/v06/i01/p60/	SDG3& SDG11	2021
46	The Effect of an Educational Curriculum Based on Metacognitive Skills in Teaching Some Offensive Skills on the Specialized School of Basketball in Baghdad Governorate	Nadimabader mohammed, Mazin Hadi Kzar and Abeer Dakhil Hatem Al-Selmi	https://www.riped-online.com/abstract/the-effect-of-an-educational-curriculum-based-on-metacognitive-skills-in-teaching-some-offensive-skills-on-the-specialized-70075.html	SDG4	2021
47	Removal of 4-Nitrophenol from Aqueous Solution by Using Polyphenylsulfone-Based Blend Membranes: Characterization and Performance	Ali Amer Yahya, Khalid T Rashid, Maryam Y Ghadban, Noor Edin Mousa, Hasan Shaker Majdi, Issam K Salih, Qusay F Alsalhy	https://pubmed.ncbi.nlm.nih.gov/33673720/	SDG6	2021



48	Classification Maps for TDS Concentrations in the GIS Along Euphrates River, Iraq	Ali Chabuk, Zahraa Ali Hammood, Nадир Al-Ansari, Salwan Ali Abed, and Jan Laue	https://link.springer.com/article/10.1007/s11270-021-05236-7	SDG6	2021
49	Systematic Review on Medicinal Plants Used for the Treatment of Giardia Infection	Sultan Alnomasy, Ghaidaa Raheem Lateef Al-Awsi, Yosra Raziani, Aishah E. Albalawi, Abdullah D. Alanazi, Massumeh Niazi, and Hossein Mahmoudvand	https://www.sciencedirect.com/science/article/pii/S1319562X21004472?via%3Dhub	SDG6	2021
50	Dye Removal from Textile Wastewater using Solar-Powered Electrocoagulation Reactor	Sabrean Farhan Jawad, Nahlah Salman Saddam, Qasim J. Adaami, Mohanad M. Kareem, M Abdulredha, Hayfaa A. Mubarak, Patry Kot, Michaela Gkantou6, Ahmed AlKhayyat	https://www.proquest.com/docview/2513019784?pq-origsite=gscholar&fromopenview=true	SDG6	2021
51	Activated carbon derived from Azolla filiculoides fern: a high-adsorption-capacity adsorbent for residual ampicillin in pharmaceutical wastewater	Tariq J. Al-Musawi, Nezamaddin Mengelizadeh, Mahmoud Taghavi, Samaneh Mohebi & Davoud Balarak	https://link.springer.com/article/10.1007/2Fs13399-021-01962-4	SDG6 & SDG8	2021
52	Grid-independent pv-wind-diesel generator hybrid renewable energy system for a medium population: A case study	Zaidoon W. J. AL-Shammari , M. M. Azizan, and A. S. F. Rahman	https://jestec.taylors.edu.my/V16Issue1.htm	SDG7	2021



53	Impact of renewable energy sources integration with power grid systems through several methodology's	Omar A. AlKawak and Ali R. Ramul	https://ijnaa.semnan.ac.ir/article_5377.htm 1	SDG7	2021
54	Influence of the polymer molecular weights on the electrical properties of Poly(vinyl alcohol) – Poly(ethylene glycols)/Graphene oxide nanocomposites	Shurooq S.Al-AbbasRusul A.Ghazib Athmar K.Al-shammaria Nisreen R.AldulaimiaAli R.Abdulridhaa Sameer H.Al-Nesrawya Ehssan Al-Bermanya	https://www.sciencedirect.com/science/article/pii/S2214785320402822	SDG7	2021
55	The effect of temperature on electrical energy production in double chamber microbial fuel cell using different electrode materials	Marwa S.Hamed, Hasan S.Majdi, and Basim O.Hasan	https://www.sciencedirect.com/science/article/pii/S2214785320405358	SDG7	2021
56	Green Micro-grid Based on PV/WT Hybrid System for Remote and Rural Population in Iraq: A Case Study	Zaidoon W. J. Al-Shammari, Safaa Kother, Ihsan Ahmed Taha, H. Enawi Hayder, M. Almukhtar Hussam, Ali Hadi, M. M. Azizan, A. S. F. Rahman	https://link.springer.com/chapter/10.1007%2F978-981-16-0866-7_96	SDG7	2021
57	Feasibility of PV–Wind–Diesel Hybrid Renewable Energy Power System for off-Grid Rural Electrification in Iraq: A Case Study	Zaidoon W. J. AL-Shammari, M. M. Azizan, A. S. F. Rahman	https://jestec.taylors.edu.my/V16Issue3.htm	SDG7 & SDG11	2021



58	Cyber physical systems: A smart city perspective	Firoz Khan, R. Lakshmana Kumar, Seifedine Kadry, Yunyoung Nam, Maytham N. Meqdad	http://ijece.iaescore.com/index.php/IJECE/article/view/24591	SDG7, SDG11	2021
59	A Secure and Lightweight Three-Factor Remote User Authentication Protocol for Future IoT Applications	Bahaa Hussein Taher, Huiyu Liu, Firas Abedi, Hongwei Lu, Ali A. Yassin, and Alzahraa J. Mohammed	https://www.hindawi.com/journals/js/2021/8871204/	SDG7, SDG11 &SDG12	2021
60	Econometric Analysis of Oil Revenue Effect on Foreign Reserves of the Iraqi Economy 2003-2018	Haidar Ali Mohammed Al Dulaimi, Asam Mohamed aljebory, Husam Abas Ali, and Mustafa Habeeb obaid Al Imari,	https://www.abacademies.org/articles/econometric-analysis-of-oil-revenue-effect-on-foreign-reserves-of-the-iraqi-economy-20032018-11635.html	SDG8	2021
61	The role of Knowledge Machinery in Supporting Financial and Accounting Transparency in the Economic Unit	Atared saad jebur AL-Mashhadi and Muiead A. K. Al-Fadhel	https://archives.palarch.nl/index.php/jae/article/view/6330	SDG8 & SDG10	2021
62	Noise Level in Textile Industries: Case Study Al-Hillah Textile Factory- Company for Textile Industries, Al-Hillah-Babylon-Iraq	Ali Chabuk, Zahraa Ali Hammood, Salwan Ali Abed, Majid M.A. Kadhim, Khalid Hashim, Nadhir Al-Ansari and Jan Laue	https://iopscience.iop.org/article/10.1088/1755-1315/790/1/012048	SDG9	2021



63	Comparison between Artificial Neural Network and Rigorous Mathematical Model in Simulation of Industrial Heavy Naphtha Reforming Process	Ali Al-Shathr, Zaidoon M. Shakor, Hasan Sh. Majdi, Adnan A. AbdulRazak, and Talib M. Albayati	https://www.mdpi.com/2073-4344/11/9/1034	SDG9	2021
64	Green synthesis of zinc nanoparticles using <i>Lavandula angustifolia</i> Vera. Extract by microwave method and its prophylactic effects on <i>Toxoplasma gondii</i> infection	MassumehSaadatmand, Ghaidaa Raheem LateefAl-Awsi, Abdullah Dalanazi, AsgharSepahvand, Mojtaba Shakibaie, Saeedeh Shojaee, Rasool Mohammadi, and Hossein Mahmoudvand	https://www.sciencedirect.com/science/article/pii/S1319562X21005817	SDG3 & SDG9	2021
65	Bayesian Regularized Neural Network Model Development for Predicting Daily Rainfall from Sea Level Pressure Data: Investigation on Solving Complex Hydrology Problem	Lu Ye, Saadya Fahad Jabbar, Musaddak M. Abdul Zahra, and Mou Leong Tan	https://www.hindawi.com/journals/complexity/2021/6631564/	SDG13	2021
66	Desalination of Agricultural Wastewater by Solar Adsorption System A Numerical Study	Jehan F AlRubaiea, Farkad A Latteiff, Jasim M Mahdi, Mohammed A Atiya, Hasan Sh Majdi	https://ejournal.undip.ac.id/index.php/ijred/article/view/38798	SDG6	2021
67	Comparative between different Natural Sources of Activated Carbon for the Removal Reactive Green Dye from Aqueous Solution	Aseel M. Aljeboree, Ennas Abdul Hussein, Asraa H. Aljbory, Sadiq J. Baqir, Ameera Hassan Hamed, Azal Shakir Waheed	https://www.neuroquantology.com/article.php?id=2678	SDG13	2021



68	Diagnosis of bacterial blood stream infections in coronavirus disease 2019 (COVID-19) using 16S rRNA sequencing method	Hassan Jabbar S., Hassan Fuad Ghazi, Zaidan Ali	https://biomedicineonline.org/index.php/home/article/view/802	SDG2, SDG3	2021
69	A Mini-Review of Enhancing Ultrafiltration Membranes (UF) for Wastewater Treatment: Performance and Stability	Eman Sh. Awad, Tamara M. Sabirova, Natalia A. Tretyakova, Qusay F. Alsalhy, Alberto Figoli and Issam K. Salih	https://www.mdpi.com/2305-7084/5/3/34	SDG6	2021
70	Towards Net Zero Carbon Economy: Improving the Sustainability of Existing Industrial Infrastructures in the UK	Ali Shubbar , Mohammed Nasr, Mayadah Fala, and Zainab Al-Khafaji	https://www.mdpi.com/1996-1073/14/18/5896	SDG7, SDG8, SDG9& SDG13	2021
71	The combined effect of CKD and silica fume on the mechanical and durability performance of cement mortar	Mayadah W. Falah, Alaa Adnan Hafedh, Safa A. Hussein, Zainab S. Al-Khafaji, Ali A. Shubbar, Mohammed Salah Nasr	https://www.scientific.net/KEM.895.59	SDG13	2021
72	Agro-based carbon for lead removal from Solutions	Salam M. Naser, Sarah A. Ali, Rasha S. Alkizwini, Mohammad Alshamali, Saif S. Alquzweeni, Mawada Abdellatif, Joseph Amoako-Attah and Ahmed AlKhayyat	https://iopscience.iop.org/article/10.1088/1757-899X/1058/1/012019/meta	SDG13	2021



73	Effect of Bio-Fertilization on the Growth and Some Fruit Qualitative characters of Three Strawberry <i>Fragaria Ananassa Duch</i> Varieties	Ali Hussein Demin Al-Khafaji	http://dx.doi.org/10.51470/PLANTARCHI VES.2021.v21.S1.228	SDG2 & SDG15	2021
74	Investigation of heat transfer enhancement in a triple tube latent heat storage system using circular fins with inline and staggered arrangement	Xinguo Sun, Hayder I. Mohammed, Mohammadreza Ebrahimnataj Tiji, Jasim M. Mahdi, Hasan Sh. Majdi, Zixiong Wang , Pouyan Talebizadehsardari and Wahiba Yaici	https://www.mdpi.com/2079-4991/11/10/2647	SDG7	2021
75	Activated carbon derived from <i>Azolla filiculoides</i> fern: a high-adsorption-capacity adsorbent for residual ampicillin in pharmaceutical wastewater	Tariq J. Al-Musawi, Nezamaddin Mengelizadeh, Mahmoud Taghavi, Samaneh Mohebi & Davoud Balarak	https://link.springer.com/article/10.1007/s13399-021-01962-4	SDG6, SDG13	2021
76	Enhancement of Energy Transfer Efficiency for Photovoltaic (PV) Systems by Cooling the Panel Surfaces	Hasan Shakir Majdi, Mahmoud A. Mashkour, Laith Jaafer Habeeb and Ahmad H. Sabry	http://journals.uran.ua/eejet/article/view/238700	SDG7	2021
77	Analysis of fault diagnosis of DC motors by power consumption pattern recognition	Hasan Shakir Majdi, Sameera Sadey Shijer, Abduljabbar Owaid Hanfesh, Laith Jaafer Habeeb and Ahmad H. Sabry	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3961642	SDG12	2021



78	Evaluation and improvement pedestrians characteristics for selection section of urban area	Abdulkareem Naji Abbood, and Safa A. Hussein	http://pen.ius.edu.ba/index.php/pen/article/view/2357	SDG11	2021
79	Effective removal of Sirius yellow K-CF dye by adsorption process onto chitosan-polyacrylamide composite loaded with ZnO nanoparticles	Narjes Sadat Mazari Moghaddam, Tariq J. Al-Musawi, Fatemeh Sadat Arghavan and Negin Nasheh	https://www.tandfonline.com/doi/full/10.1080/03067319.2021.1998470	SDG6	2021
80	Preparation of CuFe2O4/montmorillonite nanocomposite and explaining its performance in the sonophotocatalytic degradation process for ciprofloxacin	Tariq J. Al-Musawi, Nezamaddin Mengelizadeh Kuppusamy Sathishkumar, and Samaneh Mohebi Davoud	https://www.sciencedirect.com/science/article/abs/pii/S2215038221001722?via%3Dhub	SDG6	2021
81	Natural Convection In Sinusoidal–Corrugated Enclosure Utilizing Silver/Water Nanoluid With Different Shapes Of Concentric Inner Cylinders	Emad D. Aboud, Qusay Rasheed Al-Amir, Hameed K. Hamzah, Ammar Abdulkadhim, Mustafa M. Gabir, Salwan Obaid Waheed Khafaji, and Farooq H. Ali	http://thermalfluidscentral.org/journals/index.php/Heat_Mass_Transfer/article/view/1209	SDG6	2021
82	Engineered electrocoagulation reactor for the removal of E. coli from wastewaters	Eman A. Al-Imara, Rand L. Al-Jaryan, Sabrean F. Jawad, Mohanad M. Kareem and Hayfaa A. Mubarak	https://iopscience.iop.org/article/10.1088/1755-1315/877/1/012048/meta	SDG6	2021



83	Fluoride removal using electrocoagulation technique	Hind M. Ewadh, Mustafa J. Al Imari, Sabrean F. Jawad and Hayfaa A. Mubarak	https://iopscience.iop.org/article/10.1088/1755-1315/877/1/012047/meta	SDG6	2021
84	The utilization of lignocellular bio-mass as green building thermal insulation material	Muhammad Abdulredha, Sadiq J. Baqir and Sarah M. Ali	https://iopscience.iop.org/article/10.1088/1755-1315/877/1/012052	SDG11	2021
85	Thermal behavior of water base-fluid in the presence of graphene nanosheets and carbon nanotubes: A molecular dynamics simulation	Danhong Li Mustafa Z. Mahmoud Wanich Suksatan Maria Kuznetsova Azher M. Abed Maboud Hekmatifar Davood Toghraie and Roozbeh Sabetvand	https://www.sciencedirect.com/science/article/pii/S2214157X21008327?via%3Dhub	SDG6	2021
86	Degradation of Anti-Inflammatory Drugs in Synthetic Wastewater by Solar Photocatalysis	Marwan Al-Jemeli, Mahmoud Abbas Mahmoud, Hasan Sh. Majdi, Mohammad Fadhil Abid ,Hiba M. Abdullah and Adnan A. AbdulRazak	https://www.mdpi.com/2073-4344/11/11/1330	SDG6	2021
87	Elimination of phenol from refineries effluents using electrocoagulation method	M Abdulredha, Amal H. Khalil, Sarah A. Ali, Ibijoke Idowu and J. Amoako-Attah	https://iopscience.iop.org/article/10.1088/1755-1315/877/1/012053	SDG6	2021



88	Removal of COD from Petroleum Refinery Wastewater Using Electrocoagulation Method	Amal H. Khalil, Mohammed A. Naji and Salam M. Naser	https://iopscience.iop.org/article/10.1088/1755-1315/877/1/012046	SDG6	2021
89	Environmental Emission Analysis of Biodiesel with Al ₂ O ₃ Nanometal Additives as Fuel in a Diesel Engine	Mohammad Ibrahim Al Mishlah Alghamdi, Ilhami Colak, Musaddak Maher Abdul Zahra, and T. Bothichandar	https://www.hindawi.com/journals/jnm/2021/2544098/	SDG7, SDG13	2021
90	Design of Cooling System for an Automotive using Exhaust Gasses of Turbocharged Diesel Engine	Qusay Rasheed Al-Amir, Mohamed F. Al-Dawody and Azher muhsin Abd	https://link.springer.com/article/10.1007/s40032-021-00787-4	SDG7	2021
91	Investigating the performance of Iraqi EFL researchers in writing quantitative and qualitative researches	Rusul Assim Abood, and Assim Abood Zbar Alalwany	http://www.jlls.org/index.php/jlls/article/view/3474	SDG4	2021
92	Electrochemical remediation of wastewater contaminated by phenol	Muhammed A. Shallal, Saif S. Radhi, Ghusoon J. Shabaa, M. Abdulredha, Mohanad M. Kareem and Hayfaa A. Mubarak	https://iopscience.iop.org/article/10.1088/1755-1315/877/1/012051	SDG6	2021



93	Denitrification of water using a low-cost adsorbent	Wisam A. Jawad, Sadiq J. Baqir, Saif S. Alquzweeni, Abdalrahman Alajmi, Rasha S. Alkizwini, Patryk Kot and Ahmed H. AlKhayyat	https://iopscience.iop.org/article/10.1088/1757-899X/1058/1/012021	SDG6, SDG13	2021
94	The effect of the true multiple of offences in the penalty: (comparative study)	Sagad Thamer Kazem Al-Khafaji	https://rigeo.org/submit-a-manuscript/index.php/submission/article/view/2466	SDG16	2021
95	Macro Environment Effect On E-Learning Readiness In Middle East Countries: A Conceptual Model	S. K. J. Al-Wassiti, I. Mohamed, W. J. A. Al-Nidawi	https://jestec.taylors.edu.my/Special%20Issue%20I%20ACSAT%20202021.htm	SDG4	2021
96	Applying of No-fines concretes as a porous concrete in different construction application	Qosai Sahib Radi Marshdi, Safa A. Hussien, Basim M. Mareai, Zainab S. Al-Khafaji, and Ali. A. Shubbar	http://pen.ius.edu.ba/index.php/pen/article/view/2476	SDG9, SDG11	2021
97	A Newly Developed Empirical Predictive Model for the Dispersed Phase (DP) Holdup in Rotating Disc Contactors	Ayham M. I. Al-Rahawi ,Wallaa A. Noori , Amer A. Abdulrahman , Hasan Sh. Majdi, Issam K. Salih ,Qusay F. Alsalhy and Farouq S. Mjalli	https://www.mdpi.com/2305-7084/5/4/79	SDG12	2021



98	Geochemical And Mineralogical Assessment Of Secondary Gypsum In Al-Najaf, Iraq And Employment As Raw Material For Cement Industry	Mohanad R.A. Al-Owaidi, Mohammed L. Hussein, Ruwa Issa Muslim	https://gsm.org.my/content.php?id=54&pid=702001-101910	SDG9	2021
99	Production of Ultra-High-Performance Concrete with Low Energy Consumption and Carbon Footprint Using Supplementary Cementitious Materials Instead of Silica Fume: A Review	Mays A. Hamad, Mohammed Nasr, Ali Shubbar, Zainab Al-Khafaji, Zainab Al Masoodi ,Osamah Al-Hashimi, Patryk Kot, Rafid Alkhaddar and Khalid Hashim	https://www.mdpi.com/1996-1073/14/24/8291	SDG7, SDG13	2021
100	Synthesis of Ag decorated TiO ₂ nanoneedles for photocatalytic degradation of methylene blue dye	Noor J Ridha, Firas K Mohamad Alosfur, Hiba Basim Abbas Kadhim and Luma M Ahmed	https://iopscience.iop.org/article/10.1088/053-1591/ac4408	SDG6	2021
101	Toward a Cloud based Disease Diagnosis System Using Sequential Quadratic Programming Approach	Ali Hussein Shamman Al-Safi, Zaid Ibrahim Rasool Hani, Ahmed A Hadi, Musaddak M. Abdul Zahra and Wael Jabbar Abed Al-Nidawi	https://www.webology.org/abstract.php?id=734	SDG3	2021
102	Classification of EEG Signal by Using Optimized Quantum Neural Network	Dalael Saad Abdul-Zahra, Ali Talib Jawad, Hassan Muwafaq Ghani, Ali Najim Abdullah	http://section.iaesonline.com/index.php/IJEEI/article/view/3486	SDG7	2021



103	The Glutathione S-Transferasee (GSTT and GSTM) Genotyping and Alcohol Level in Drunks	Mona N. Al-Terehi, Usama S. Altimari, Abed J. Kadhim and Aamal M. Kadhum	https://www.myresearchjournals.com/index.php/IJPQA/article/view/8055	SDG3	2021
104	Study the effects of smoking on selected oral biomarkers levels in chronic periodontitis cases in Al-Hilla city	Hanan Selman Hessian, Zainab Muhi Hameed, and Doaa Adil Abood	https://www.sysrevpharm.org/abstract/study-the-effects-of-smoking-on-selected-oral-biomarkers-levels-in-chronic-periodontitis-cases-in-alhilla-city-65452.html	SDG3	2021
105	The Role of Foreign Direct Investment in Achieving Sustainable Development in Iraq: An Analytical Study for The Period of 2010-2018	Haider Kadhim Mahdi, Abdulmahdi Raheem Hamza, and Yousif Mousa Sabti	https://acspublisher.com/journals/index.php/sajsh/article/view/1241	SDG8	2021
106	Geo-Engineering Study of Selected Soils for Cement Industry in Al-Kifil District, Babylon, Central Iraq	Muhsen O. Kalaf, Mohammed L. Hussien and Bilal M.A. Issa	https://igj-iraq.org/igj/index.php/igj/article/view/689	SDG9	2021
107	Degradation of humic acid using a solar light-photocatalytic process with a FeNi ₃ /SiO ₂ /TiO ₂ magnetic nanocomposite as the catalyst	Akbari F , Khodadadi M , Al-Musawi TJ , Varouqa IF , and Naghizadeh A	http://bsid.bums.ac.ir/dspace/handle/bums/9899	SDG6	2021



108	Polymerase chain reaction technique for molecular detection of HPV16 infections among women with cervical cancer in Dhi-Qar Province	Abduladheem TurkiJalil, Ali Hussein Demin Al-Khafaji, AleksandrKarevskiy, Saja Hussain Dilfy, and Zaman K.Hanan	https://www.sciencedirect.com/science/article/pii/S2214785321037871?via%3Dihub	SDG3	2021
109	Sleep-Disordered Breathing in Children an Overview of Otolaryngological Risk Factors	Forat H Alsultany and Abdulhusein Mizhir Almaamuri	https://www.clinicalschizophrenia.net/abstract/sleepdisordered-breathing-in-children-an-overview-of-otolaryngological-risk-factors-80930.html	SDG3	2021
110	A study of some nutrient supplement impacts on the health of bodybuilding	Ameer M.Hadi, Lubna Abdulazeem, Mazin H.Kzar, and Essam ShawkyKhattab	https://doi.org/10.1016/j.matpr.2021.05.212	SDG 3	2021
111	Groundwater Hydrogeochemical and Quality Appraisal for Agriculture Irrigation in Greenbelt Area, Iraq	Awad, E.Sh. Imran, N.S. Albayati, M.M. Snegirev, V. Sabirova, T.M. Tretyakova, N.A. Alsalhy, Q.F. Al-furaiji, M.H. Salih, I.K.and Majdi, H.Sh.	https://www.mdpi.com/2076-3298/9/4/43	SDG 2	2022
112	Practice of intercropping and its impact on legume productivity in Egypt	Abbas, M.M. Hajray, A.O. Al-Azzawi, W.K. Alkhafaje, W.K. Alkadir, O.K.A. Al-Zubaidei, S.A. Ahjel, S. Alhakeem, A.A.N. Salami, H.T.A. Hamad, D.A. Falih, K.T. and Baaj, O.	https://cjes.guilan.ac.ir/article_5759.html	SDG 2	2022



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114	Evaluation of food processing with the management of food, water, and energy nexus in Baghdad, Iraq	Yasin, G. Brontowiyono, W. Opulencia, M.J.C. Sharma, S. Shalaby, M.N. Al-Thamir, M. Jalil, A.T. Jabbar, A.H. and Iswanto, A.H.	https://www.scielo.br/j/cta/a/8hJqNzM3hBPg8n6prch7kcm/abstract/?lang=en	SDG2	2022
115	Analysis of Agriculture and Food Supply Chain through Blockchain and IoT with Light Weight Cluster Head	Adow, A.H. Shrivastav, M.K. Mahdi, H.F. Zahra, M.M.A. Verma, D. Doohan, N.V. and Jalali, A.	https://www.hindawi.com/journals/cin/2022/1296993/	SDG2	2022
116	Effects of Internet of things (IoT) on performance of agricultural in China: A case study	Fu, H. Li, H. Ramayah, T. Fu, A. Jabbar, A.H. and Abed, A.M.	https://www.tandfonline.com/doi/abs/10.1080/15567036.2022.2100012	SDG2	2022
117	Sustainability assessment of food industry with the approach of water, energy and food nexus	Tseng, C.-J. Chetthamrongchai, P. Mahmudiono, T. Sharma, S.K. Al-Awsi, G.R.L. Abed, S.A. Mohammed, F. Opulencia, M.J.C. and Rudiansyah, M.	https://www.scielo.br/j/cta/a/QvD8DzxQBfy8p8pbfrpC4Wn/	SDG2	2022



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119	Prediction of COVID-19 manipulation by selective ACE inhibitory compounds of Potentilla reptant root: In silico study and ADMET profile	Xu, Y. Al-Mualim, M. Terefe, E.M. Shamsutdinova, M.I. Opulencia, M.J.C. Alsaikhan, F. Turki Jalil, A. Hammid, A.T. Enayati, A. Mirzaei, H. Khori, V. Jabbari, A. Salehi, A. Soltani, A. and Mohamed, A.	https://pubmed.ncbi.nlm.nih.gov/35502159/	SDG3	2022
120	Serum level estimation of some biomarkers in diabetic and non-diabetic COVID-19 infected patients	Khan, M.U.F. Ali, B.R. Mohammed, H.Q. Al-Shammary, H.M.T. Jalil, A.T. Hindi, N.K.K. Suksatan, W. Saeed, B.Q. Obaid, R.F. Saleh, M.M. and Kadhim, M.M.	https://pubmed.ncbi.nlm.nih.gov/35136705/	SDG3	2022
121	Exposure to ambient air pollution and osteoarthritis; an animal study	Fitriyah, A. Nikolenko, D.A. Abdelbasset, W.K. Maashi, M.S. Jalil, A.T. Yasin, G. Abdulkadhm, M.M. Samieva, G.U. Lafta, H.A. Abed, A.M. Amaral, L.S. and Mustafa, Y.F.	https://www.sciencedirect.com/science/article/abs/pii/S0045653522011912#!	SDG3	2022
122	Optical-based biosensor for detection of oncomarker CA 125, recent progress and current status	Valerievich Yumashev, A. Rudiansyah, M. Chupradit, S. Kadhim, M.M. Turki Jalil, A. Abdelbasset, W.K. Suksatan, W. Mireya Romero Parra, R. Fakri Mustafa, Y. Abdullaev, B. and Bidares, R.	https://www.sciencedirect.com/science/article/abs/pii/S0003269722002068	SDG3	2022



123	Challenges in the implementation of bioremediation processes in petroleum-contaminated soils: A review	Jabbar, N.M. Alardhi, S.M. Mohammed, A.K. Salih, I.K. and Albayati, T.M.	https://www.sciencedirect.com/science/article/abs/pii/S221515322200054X	SDG3	2022
124	Recent advances on applications of immunosensing systems based on nanomaterials for CA15-3 breast cancer biomarker detection	Oktaviyanti, I.K. Ali, D.S. Awadh, S.A. Opulencia, M.J.C. Yusupov, S. Dias, R. Alsaikhan, F. Mohammed, M.M. Sharma, H. Mustafa, Y.F. and Saleh, M.M.	https://pubmed.ncbi.nlm.nih.gov/35641643/	SDG3	2022
125	Folate-Targeted Curcumin-Loaded Niosomes for Site-Specific Delivery in Breast Cancer Treatment: In Silico and In Vitro Study	Honarvari, B. Karimifard, S. Akhtari, N. Mehrarya, M. Moghaddam, Z.S. Ansari, M.J. Jalil, A.T. Matencio, A. Trotta, F. Yeganeh, F.E. Farasati Far, B. Arki, M.K. Naimi-Jamal, M.R. Noorbazargan, H. Lalami, Z.A. and Chiani, M.	https://www.mdpi.com/1420-3049/27/14/4634	SDG3	2022
126	Evaluation of Antibacterial Activity of Calcium Phosphates Based Bone Cements for Biomedical Applications	Alshemary, A.Z. Sarsik, B. Salman, N.A. Şahin, S.M. Şahin, M.M. and Muhammed, Y.	https://avesis.hacettepe.edu.tr/yayin/04cbc375-48cd-4724-9624-4672b6317b20/evaluation-of-antibacterial-activity-of-calcium-phosphates-based-bone-cements-for-biomedical-applications	SDG3	2022
127	Individual genetic variability mainly of Proinflammatory cytokines, cytokine receptors, and toll-like receptors dictates pathophysiology of COVID-19 disease	Vakil, M.K. Mansoori, Y. Al-Awsi, G.R.L. Hosseiniipour, A. Ahsant, S. Ahmadi, S. Ekrahi, M. Montaseri, Z. Pezeshki, B. Mohaghegh, P. Sohrabpour, M. Bahmanyar, M. Daraei, A. Dadkhah Jouybari, T. Tavassoli, A. and Ghasemian, A.	https://onlinelibrary.wiley.com/doi/full/10.1002/jmv.27849	SDG3	2022



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129	Statistical assessment for performance of Al-Mussaib drinking water treatment plant at the year 2020	Nasir, M.J. Abdulhasan, M.J. Ridha, S.Z.A. Hashim, K.S. and Jasim, H.M.	https://iwaponline.com/wpt/article/17/3/808/87291/Statistical-assessment-for-performance-of-Al	SDG3	2022
130	An Effective Framework for Enhancing Performance of Internet of Things using Ant Colony Meta-Heuristic and Machine Learning Algorithms	Abed, A.S. Hassan, H.F. Aldulaimi, M.H. Zahra, M.M.A. and Jaleel, R.A.	https://ieeexplore.ieee.org/abstract/document/9823808	SDG3	2022
131	Identification and Classification of Prostate Cancer Identification and Classification Based on Improved Convolution Neural Network	Tyagi, S. Tyagi, N. Choudhury, A. Gupta, G. Zahra, M.M.A. and Rahin, S.A.	https://www.hindawi.com/journals/bmri/2022/9112587/	SDG3	2022
132	Drug delivery and anticancer activity of biosynthesised mesoporous Fe ₂ O ₃ nanoparticles	Abolhasani Zadeh, F. Abdalkareem Jasim, S. Atakhanova, N.E. Majdi, H.S. Abed Jawad, M. Khudair Hasan, M. Borhani, F. and Khatami, M.	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/nbt2.12080	SDG3	2022



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134	Find new channel for overcoming chemoresistance in cancers: Role of stem cells-derived exosomal microRNAs	Hussein, G.M. Mohammed, S.M. Faris, M. Mohammed, A. Kadhim, M.J. Awadh, S.A. Ajam, W.H. and Jalil, A.T.	https://www.sciencedirect.com/science/article/abs/pii/S0141813022016968	SDG3	2022
135	Galangin mitigates DOX-induced cognitive impairment in rats: Implication of NOX-1/Nrf-2/HMGB1/TLR4 and TNF- α /MAPKs/RIPK/MLKL/BDNF	Abd El-Aal, S.A. Abd Elrahman, M. Reda, A.M. Afify, H. Ragab, G.M. El-Gazar, A.A. and Ibrahim, S.S.A.	https://www.sciencedirect.com/science/article/abs/pii/S0161813X22001206	SDG3	2022
136	An approach to pedestrian walking behaviour classification in wireless communication and network failure contexts	Kareem, Z.H. Zaidan, A.A. Ahmed, M.A. Zaidan, B.B. Albahri, O.S. Alamoodi, A.H. Malik, R.Q. Albahri, A.S. Ameen, H.A. Garfan, S. Mohammed, A. Zaidan, R.A. and Ramli, K.N.	https://link.springer.com/article/10.1007/s40747-021-00542-3	SDG3	2022
137	Modeling Motorcyclists' Aggressive Driving Behavior Using Computational and Statistical Analysis of Real-Time Driving Data to Improve Road Safety and Reduce Accidents	Abdulwahid, S.N. Mahmoud, M.A. Ibrahim, N. Zaidan, B.B. and Ameen, H.A.	https://www.mdpi.com/1660-4601/19/13/7704	SDG3	2022



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144	Role of Acute Myeloid Leukemia (AML)-Derived exosomes in tumor progression and survival	Amin, A.H. Sharifi, L.M.A. Kakhharov, A.J. Opulencia, M.J.C. Alsaikhan, F. Bokov, D.O. Majdi, H.S. Jawad, M.A. Hammid, A.T. Shalaby, M.N. Mustafa, Y.F. and Siahmansouri, H.	https://pubmed.ncbi.nlm.nih.gov/35486974/	SDG3	2022
145	The Management of Myocardial Injury Related to SARS-CoV-2 Pneumonia	Akkaif, M.A. Bitar, A.N. Al-Kaif, L.A.I.K. Daud, N.A.A. Sha'aban, A. Noor, D.A.M. Abd Aziz, F. Cesaro, A. SK Abdul Kader, M.A. Abdul Wahab, M.J. Khaw, C.S. and Ibrahim, B.	https://www.mdpi.com/2308-3425/9/9/307	SDG3	2022
146	An Effective Heart Disease Detection and Severity Level Classification Model Using Machine Learning and Hyperparameter Optimization Methods	Abdellatif, A. Abdellatef, H. Kanesan, J. Chow, C.-O. Chuah, J.H. and Gheni, H.M.	https://ieeexplore.ieee.org/document/9831786	SDG3	2022
147	Smartphone-Based Techniques Using Carbon Dot Nanomaterials for Food Safety Analysis	Solanki, R. Patra, I. Kumar, T.C.H.A. Kumar, N.B. Kandeel, M. Sivaraman, R. Turki Jalil, A. Yasin, G. Sharma, S. and Abdulameer Marhoon, H.	https://www.tandfonline.com/doi/abs/10.1080/10408347.2022.2099733	SDG3	2022



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156	PSEBVC: Provably Secure ECC and Biometric Based Authentication Framework Using Smartphone for Vehicular Cloud Environment	Kumar, V. Mohammed Ali Al-Tameemi, A. Kumari, A. Ahmad, M. Falah, M.W. and Abd El-Latif, A.A.	https://ieeexplore.ieee.org/document/9847132	SDG3	2022
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164	A Machine Learning-Based Semantic Pattern Matching Model for Remote Sensing Data Registration	Jaber, M.M. Ali, M.H. Abd, S.K. Jassim, M.M. Alkhayyat, A. Alreda, B.A. Alkuwaylida, A.R. and Alyousif, S.	https://link.springer.com/article/10.1007/s12524-022-01604-w	SDG3	2022
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170	A novel method for Indoor Air Quality Control of Smart Homes using a Machine learning model	Majdi, A. Alrubaie, A.J. Al-Wardy, A.H. Baili, J. and Panchal, H.	https://www.sciencedirect.com/science/article/abs/pii/S0965997822001569	SDG3	2022
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174	The impact of genetic variations in sofosbuvir metabolizing enzymes and innate immunity mediators on treatment outcome in HCV-infected patients	Ibrahim, M.K. AbdElrahman, M. Bader El Din, N.G. Tawfik, S. Abd-Elsalam, S. Omran, D. Barakat, A.Z. Farouk, S. Elbatae, H. and El Awady, M.K.	https://www.sciencedirect.com/science/article/abs/pii/S0882401021005854	SDG3	2022
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180	Association of Tumor Necrosis Factor- α and Myeloperoxidase enzyme with Severe Asthma: A comparative study	Aldhalmi, A.K. Al-Athari, A.J.H. and Al-Hindy, H.A.-A.M.	https://pubmed.ncbi.nlm.nih.gov/36164624/	SDG3	2022
181	Synthesis of Bioactive Yttrium-Metal–Organic Framework as Efficient Nanocatalyst in Synthesis of Novel Pyrazolopyranopyrimidine Derivatives and Evaluation of Anticancer Activity	Saleh, R.O. Achmad, H. Daminov, B.T. Kzar, H.H. Mahdi, A.B. Hammid, A.T. Abid, M.K. Opulencia, M.J.C. Mustafa, Y.F. and Sharma, H.	https://www.frontiersin.org/articles/10.3389/fchem.2022.928047/full	SDG3	2022
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183	Effect of Training Sessions on Awareness, Disease Management, and Quality of Life in Patients with Type 2 Diabetes	Suardi Wekke, I. Heri Iswanto, A. Majeed, M.S. Awadh, S.A. Samal, A. Talib, H.A. Islam, Z. Fakri Mustafa, Y. Kzar, H.H. and Beheshtizadeh, N.	http://ijwph.ir/article-1-1142-en.html	SDG3	2022
184	Mitofusin-2 in cancer: Friend or foe?	Ramaiah, P. Patra, I. Abbas, A. Fadhil, A.A. Abohassan, M. Al-qaim, Z.H. Hameed, N.M. Al-Gazally, M.E. Kemil Almotlaq, S.S. Mustafa, Y.F. and Shiravand, Y.	https://pubmed.ncbi.nlm.nih.gov/36176224/	SDG3	2022
185	The diagnostic utility of microRNA 222-3p, microRNA 21-5p, and microRNA 122-5p for HCV-related hepatocellular carcinoma and its relation to direct-acting antiviral therapy	Khairy, A. Ibrahim, M.K. AbdElrahman, M. Fouad, R. Zayed, N. Ayman, Y. Abdellatef, Z. and Yosry, A.	https://www.sciencedirect.com/science/article/abs/pii/S1687197922000284	SDG3	2022
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189	Tetracycline resistant genes in Escherichia coli isolated from enteric disease in companion birds	Gholami-Ahangaran, M. Haj-Salehi, M. Karimi-Dehkordi, M. Ansari, M.J. Mahdi, O.A. and Jawad, M.A.	https://pubmed.ncbi.nlm.nih.gov/35919845/	SDG3	2022
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191	Assessing The Quality And Efficiency Of Education In Rural Schools Through The Models Of Integration And The Cooperation Of Educational Institutions: A Case Study Of Russia And Indonesia	Turwelis Komariah, A. Rykova, I. Shestakov, D. Hasan, M. Kurniady, D.A. Grebennikova, V. Shcherbatykh, L. Kosov, M. and Dudnik, O.	https://www.mdpi.com/2071-1050/14/14/8442	SDG4	2022
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193	Efficient sonophotocatalytic degradation of acid blue 113 dye using a hybrid nanocomposite of CoFe ₂ O ₄ nanoparticles loaded on multi-walled carbon nanotubes	Al-Musawi, T.J. McKay, G. Rajiv, P. Mengelizadeh, N. and Balarak, D.	https://www.sciencedirect.com/science/article/abs/pii/S1010603021004858	SDG6	2022
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195	Modification of Poly(vinylidene fluoride-co-hexafluoropropylene) Membranes with DES-Functionalized Carbon Nanospheres for Removal of Methyl Orange by Membrane Distillation	Aljumaily, M.M. Ali, N.S. Mahdi, A.E. Alayan, H.M. Alomar, M. Hameed, M.M. Ismael, B. Alsalhy, Q.F. Alsaadi, M.A. Majdi, H.Sh. and Mohammed, Z.B.	https://www.mdpi.com/2073-4441/14/9/1396?type=check_update&version=2	SDG6	2022
196	Synthesis of activated carbon from Lemna minor plant and magnetized with iron (III) oxide magnetic nanoparticles and its application in removal of Ciprofloxacin	Yilmaz, M. Al-Musawi, T.J. Saloot, M. Khatibi, A.D. Baniasadi, M. and Balarak, D.	https://link.springer.com/article/10.1007/s13399-021-02279-y	SDG6	2022
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199	Reviewing of Using Nanomaterials for Wastewater Treatment	Alalwan, H.A. Alminshid, A.H. Mohammed, M.M. Mohammed, M.F. and Shadhar, M.H.	https://jpoll.ut.ac.ir/article_87458.html	SDG6	2022
200	Facile sonochemical preparation of La ₂ Cu ₂ O ₅ nanostructures, characterization, the evaluation of performance, mechanism, and kinetics of photocatalytic reactions for the removal of toxic pollutants	Milad Tabatabaeinejad, S. Ghanbari, M. Mohsen Najm, Z. Abdul-Fattah, M.N. Hameed, N.M. and Salavati-Niasari, M.	https://www.sciencedirect.com/science/article/abs/pii/S016773222012569	SDG6	2022
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204	Novel Water-Soluble Poly(terephthalic-co-glycerol-g-fumaric acid) Copolymer Nanoparticles Harnessed as Pore Formers for Polyethersulfone Membrane Modification: Permeability–Selectivity Tradeoff Manipulation	Rashid, K.T. Alayan, H.M. Mahdi, A.E. Al-Baiati, M.N. Majdi, H.Sh. Salih, I.K. Ali, J.M. and Alsalhy, Q.F.	https://www.mdpi.com/2073-4441/14/9/1507	SDG6	2022
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206	Modeling and optimization of process parametric interaction during high-rate anaerobic digestion of recycled paper mill wastewater using the response surface methodology	Zwain, H.M. Barghash, H. Vakili, M. Majdi, H.Sh. and Dahlan, I.	https://iwaponline.com/jwrd/article/12/1/78/86274/Modeling-and-optimization-of-process-parametric	SDG6	2022
207	Methods of Chemical Synthesis in the Synthesis of Nanomaterial and Nanoparticles by the Chemical Deposition Method: A Review	Hachem, K. Ansari, M.J. Saleh, R.O. Kzar, H.H. Al-Gazally, M.E. Altimari, U.S. Hussein, S.A. Mohammed, H.T. Hammid, A.T. and Kianfar, E.	https://wjgnet.com/1007-9327/CitedArticlesInF6?id=10.1016%2Fj.jmrt.2021.03.048	SDG6	2022



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210	Fabrication of CuCo ₂ S ₄ yolk-shell spheres embedded with S-scheme V ₂ O ₅ -deposited on wrinkled g-C ₃ N ₄ for effective promotion of levofloxacin photodegradation	Yang, X. Hesami, M.D. Nazemipool, E. Bahadoran, A. Al-Bahrani, M. and Azizi, B.	https://www.sciencedirect.com/science/article/abs/pii/S138358662201560X	SDG6	2022
211	Polymeric nanocomposite membranes for gas separation: Performance, applications, restrictions and future perspectives	Zhao, C. Hussain, W. Chlib Alkaaby, H.H. Al-Khafaji, R.M. Alghazali, T. Izzat, S.E. Shams, M.A. Abood, E.S. Yu, A.E. and Ehab, M.	https://www.sciencedirect.com/science/article/abs/pii/S2214157X22005640	SDG6	2022
212	Utilizing Activated Carbon Developed from Banana Peels as Permeable Reactive Barrier in Copper Removal from Polluted Groundwater	Al Haider, S.A. Al Fatlawi, S. and Nasir, M.J.	http://www.jeeng.net/Issue-1-2022,10556	SDG6	2022



213	Molecular separation and computational simulation of contaminant removal from wastewater using zirconium UiO-66-(CO ₂ H) ₂ metal-organic framework	Lu, Y. Rakshagan, V. Shoukat, S. Mahmoud, M.Z. Pustokhina, I. Salah Al-Shati, A. Ibrahim Namazi, N. Alshehri, S. AboRas, K.M. and Abourehab, M.A.S.	https://www.sciencedirect.com/science/article/abs/pii/S0167732222017172	SDG6	2022
214	ZnO/Co ₃ O ₄ Nanocomposites: Novel Preparation, Characterization, and Their Performance toward Removal of Antibiotics from Wastewater	Mohammed, H.T. Alasedi, K.K. Ruyid, R. Hussein, S.A. Jarallah, A.L. Dahesh, S.M.A. Sultan, M.Q. Salman, Z.N. Bashar, B.S. Aldulaimi, A.K.O. and Obaid, M.A.	https://jns.kashanu.ac.ir/	SDG6	2022
215	Comparison study between pyrolysis products of oil refinery sludge and sludge from municipal wastewater treatment plants	Almukhtar, R. Hammoodi, S.I. and Omar, R.	https://aip.scitation.org/doi/abs/10.1063/5.0092021	SDG6	2022
216	An approach to removing COD and BOD based on polycarbonate mixed matrix membranes that contain hydrous manganese oxide and silver nanoparticles: A novel application of artificial neural network based simulation in Matlab	Zahmatkesh, S. Rezakhani, Y. Arabi, A. Hasan, M. Ahmad, Z. Wang, C. Sillanpää, M. Al-Bahrani, M. and Ghodrati, I.	https://pubmed.ncbi.nlm.nih.gov/36096310/	SDG6	2022
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347	Techno-economic and environmental evaluation of PV/diesel/battery hybrid energy system using improved dispatch strategy	Aziz, A.S. Tajuddin, M.F.N. Zidane, T.E.K. Su, C.-L. Alrubaie, A.J.K. and Alwazzan, M.J.	https://www.sciencedirect.com/science/article/abs/pii/S2352484722008678	SDG13	2022



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349	Dietary <i>Dracocephalum kotschy</i> essential oil improved growth, haematology, immunity and resistance to <i>Aeromonas hydrophila</i> in rainbow trout (<i>Oncorhynchus mykiss</i>)	Hafsan, H. Bokov, D. Abdelbasset, W.K. Kadhim, M. Suksatan, W. Majdi, H.S. Widjaja, G. Jalil, A.T. Qasim, M.T. and Balvardi, M.	https://onlinelibrary.wiley.com/doi/abs/10.1111/are.15829	SDG14	2022
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352	Geochemical and heavy minerals investigation to identity provenance of dunes and valley sediments, at Al-Muthanna, southern Iraq	Hussein, M.L. Al-Owaidi, M.R.A. Al-Khafaji, A.J. and Abduulah, M.D.	https://link.springer.com/article/10.1007/s40808-022-01473-9	SDG14	2022



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