

Number of research published in Scopus/Civil Department 2021

No	Researcher's name	Research Title	Name of the journal/conference	Year of Publication	Search within Scopus	Search link on the magazine's website
1	Ibrahim A. Al-Jumaily	Effect of nanoclay and burnt limestone powder on fresh and hardened properties of self-compacting concrete	Nanotechnology for Environmental Engineering	2021	√	https://link.springer.com/article/10.1007/s41204-021-00114-3
2	Ayad S Alrawi	Medical waste management during COVID-19 pandemic, a review study	IOP Conf. Series: Earth and Environmental Science	2021	√	https://iopscience.iop.org/article/10.1088/1755-1315/779/1/012130
3	Ayad S Alrawi	Assessment of Flood Frequency Using Maximum Flow Records for the Euphrates River, Iraq	IOP Conf. Series: Materials Science and Engineering	2021	√	https://iopscience.iop.org/article/10.1088/1757-899X/1076/1/012111
4	Ayad S Alrawi	Assessment of Selected Small Dams in the Western Desert of Iraq	Solid State Technology	2021	√	http://solidstatetechnology.us/index.php/JSST/article/view/10990
5	Khalid B. Najim	Effect of discarded steel fibers on impact resistance, flexural toughness and fracture energy of high-strength self-compacting concrete exposed to elevated temperatures	Fire Safety Journal	2021	√	https://www.sciencedirect.com/science/article/abs/pii/S037971122030789X
6	T S Mahmood	Sustainable Environmental Indicators and Their Impact on The Green Areas of Ramadi City	IOP Conference Series: Earth and Environmental Science	2021	√	https://iopscience.iop.org/article/10.1088/1755-1315/904/1/012015/meta
7	T S Mahmood	Changes in Land Use and Its Impact on the Hierarchy of Roads in Ramadi City	IOP Conference Series: Earth and Environmental Science	2021	√	https://iopscience.iop.org/article/10.1088/1755-1315/754/1/012015/meta
8	Khalid. R. Mahmood	Prediction of Shear Strength Parameters of Gypseous Soil using Artificial Neural Networks	Journal of Engineering	2021	√	https://www.joe.uobaghdad.edu.iq/index.php/main/article/view/1524
9	Khalid. R. Mahmood	Forecasting the Compressibility Parameters of Gypseous Soil using Artificial Neural Networks	IOP Conference Series: Earth and Environmental Science	2021	√	https://iopscience.iop.org/article/10.1088/1755-1315/961/1/012019/meta

10	Khalid. R. Mahmood	Performance Evaluation of Asphalt Binder Modified by Natural Rock Asphalt	Revue des Composites et des Matériaux Avancés	2021	✓	https://www.iieta.org/journals/rcma/paper/10.18280/rcma.310504
11	Sheelan Mahmoud Hama	Evaluations of strengths, impact and energy capacity of two-way concrete slabs incorporating waste plastic	Journal of King Saud University – Engineering Sciences	2021	✓	https://doi.org/10.1016/j.jksues.2020.09.007
12	Saadi Shartooh Sharqi	Evaluation of Several Machine Learning Models for Field Canal Improvement Project Cost Prediction	Hindawi Complexity	2021	✓	https://doi.org/10.1155/2021/8324272
13	Yousif A. Mansoor	Fuzzy logic progress to predict of mechanical properties for shotcrete concrete containing waste plastic	14th International Conference on Developments in eSystems Engineering (DeSE)	2021	✓	https://ieeexplore.ieee.org/abstract/document/9719498
14	Abdulkader I. Al – Hadithi	Experimental and statistical evaluation of rheological properties of self-compacting concrete containing fly ash and ground granulated blast furnace slag	Journal of King Saud University – Engineering Sciences	2021	✓	https://www.sciencedirect.com/science/article/pii/S1018363920303573
15	Abdulkader I. Al – Hadithi	CFRP for strengthening and repairing reinforced concrete: a review	Innovative Infrastructure Solutions	2021	✓	https://link.springer.com/article/10.1007/s41062-020-00417-5
16	Ameer A. Hilal	Prediction of strength of foamed concrete containing waste plastic as coarse and fine aggregates using Minitab software	14th International Conference on Developments in eSystems Engineering (DeSE),	2021	✓	https://ieeexplore.ieee.org/abstract/document/9719519
17	Ameer A. Hilal	Effect of Aggregate Roughness on Strength and Permeation Characteristics of Lightweight Aggregate Concrete	Journal of Engineering - Hindawi	2021	✓	https://www.hindawi.com/journals/je/2021/9505625/
18	Ameer A. Hilal	Foam concrete made with micro and nano silica sand: Pore structure and properties	Advances in concrete construction	2021	✓	http://www.techno-press.org/content/?page=article&journal=acc&volume=12&num=3&ordernum=4
19	Adil N. Abed	Highway route selection using GIS and analytical hierarchy process case study Ramadi Heet rural highway	Journal of Physics: Conference Series	2021	✓	https://iopscience.iop.org/article/10.1088/1742-6596/1973/1/012060/meta
20	Abdulkareem Ahmed Hazi	Improvement of a subgrade soil by using EarthZyme and cement kiln dust waste	Archives of Civil Engineering	2021	✓	https://yadda.icm.edu.pl/baztech/element/bwmeta1.element.baztech-eb135296-47f8-4e22-839d-aa2004a02dc5

21	Ahmed Rahomi Rajab	Biogas Production Modelling of Integrated Anaerobic-Aerobic Sequencing Batch Reactor Treating Poultry Slaughterhouse Wastewater	14th International Conference on Developments in eSystems Engineering (DeSE),	2021	√	https://ieeexplore.ieee.org/abstract/document/9719568
22	Jamal Abdulrazzaq Khalaf	Hybridized Deep Learning Model for Perfbond Rib Shear Strength Connector Prediction	Hindawi Complexity	2021	√	https://www.hindawi.com/journals/complexity/2021/6611885/
23	Shaho Mahmoud Hama	Optimum Content of Waste Fine Plastic Aggregate Using Mini181 Software for Best Performance of Reinforced Concrete	14th International Conference on Developments in eSystems Engineering (DeSE),	2021	√	https://ieeexplore.ieee.org/abstract/document/9719433/authors#authors
24	Hameed Aswad Mohammed	Hot spot analysis of the crash locations at the roundabouts through the application of GIS	Journal of Physics: Conference Series	2021	√	https://iopscience.iop.org/article/10.1088/1742-6596/1895/1/012032/meta
25	Hameed Aswad Mohammed	Assessment of distracted pedestrian crossing behavior at midblock crosswalks	IATSS Research	2021	√	https://www.sciencedirect.com/science/article/pii/S038611221000339
26	Ayad S Alrawi	Study of the Sustainable Water Resources Management at the Upper Euphrates Basin, Iraq	International Journal of Design & Nature and Ecodynamics	2021	√	https://doi.org/10.18280/ijdne.160210

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