

Civil and Environmental Engineering Department

List of Journal Publication in the last two years

Academic Year 1438-1439 H, 2017-2018/ Academic Year 1439-1440 H, 2018-2019

Journals

No.	Author (s)	Article Title	Name of Journal	Year	Volume	Issue No	Page	ISI/ Scopus	Link of paper
1	Fares G., Alhozaimy A., Alawad O.A., A.L-Negheimish A.,	Properties of high-performance concrete incorporating high-volume ground scoria rocks as natural pozzolan	Magazine of Concrete Research	2017	69	14	703-715	ISI Impact Factor: 2.296	https://www.icevirtuallibrary.com/doi/abs/10.1680/jmacr.15.00420
2	Yousef H Okour, Sameh S. Ahmed	An effective method of wastewater treatment using titanium salt and a coagulant aid of chitosan	Water and Environment Journal,	2018	doi:10.1111/wej.12414, ISSN 1747-6585	1	1-9	ISI Impact Factor: 1.224	https://onlinelibrary.wiley.com/doi/full/10.1111/wej.12414
3	Sameh S. Ahmed	Assessment of Groundwater Quality Parameters Using Multivariate Statistics- A Case Study of Majmaah, KSA	International Journal of Environmental Monitoring and Analysis	2017	5	2	32-40	ISSN 2328-7667 (Online)	http://sciencepublishinggroup.com/j/ijema
4	M.Sheikholeslami, Rizwan-ulHaq., AhmadShafee., ZhixiongLi, Yassir G.Elaraki, I.Tlili,	Heat transfer simulation of heat storage unit with nanoparticles and fins through a heat exchanger	International Journal of Heat and Mass Transfer,	2019	135	1	470-478	ISI Impact Factor: 3.891	https://www.sciencedirect.com/science/article/pii/S0017931018361933
5	O. Elalaoui, E. Ghorbel, M. Ben Ouezdou,	Influence of flame retardant addition on the durability of epoxy based polymer concrete after exposition to elevated temperature	Construction and Building Materials	2018	192	-	233-239	ISI Impact Factor: 3.485	https://doi.org/10.1016/j.conbuildmat.2018.10.132

6	Owais, M., & Osman, M. K	Complete hierarchical multi-objective genetic algorithm for transit network design problem	Expert Systems with Applications	2018	114		143-154	ISI Impact Factor: 3.768	https://doi.org/10.1016/j.eswa.2018.07.033
7	Owais, M., Moussa, G. S., & Hussain, K. F	Sensor Location Model for O/D Estimation: Multi-Criteria Meta-Heuristics Approach	Operations Research Perspectives	2019	In Press			ISI Indexed	https://doi.org/10.1016/j.orp.2019.100100
8	M. Sheikholeslami; Hadi Keramati; Ahmad Shafee; Zhixiong Li; Omer A. Alawad; I. Tlili,	Nanofluid MHD forced convection heat transfer around the elliptic obstacle inside a permeable lid drive 3D enclosure considering lattice Boltzmann method	Physica A: Statistical Mechanics and its Applications,	2019	523	-	87-104	(ISI Impact Factor: 2.132).	https://www.sciencedirect.com/science/article/pii/S0378437119301670?via%3Dihub
9	Vakkar Ali and Ziaur Rehman	Space Air- Conditioning by Aqua Ammonia Absorption System using Exhaust Waste Heat of Diesel Generator Set	Journal of Engineering and Applied Sciences	2016	3	2	1-7	ISSN: 1658-6638	https://m.mu.edu.sa/en/colleges/journal-engineering-and-applied-sciences/vol-3-issue-2
10	Yahya Yaseen Al-Jahmany	Assessment of Quality of Soil Compaction in Construction Projects inside the Campus of Majmaah University, KSA.	International Journal of Science and Research (IJSR)	2019	8	2	1814-1816	Scopus	https://www.ijsr.net/show_abstract.php No.: ART20195657 y.yaseen@mu.edu.sa
11	Mohamed Kashefeddin and Sameh S. Ahmed	A mini update on fluoride adsorption from aqueous medium using clay materials	Desalination and Water Treatment	2019				ISI-Q3 Impact Factor 1.383 1944-3994	Under publication
12	Abd El-Rahman Megahid Ahmed, Omar A. Farghal,	Numerical Analysis of Statical Shear Behaviour of Reinforced Concrete	Journal of Scientific and						Under publication

	Ahmed Mohamed Sayed, Omar Ali Yassen	Haunched Beams Strengthened by Using Externally Bounded Steel Plates by ANSYS Program	Engineering Research						
13	Abd El-Rahman Megahid Ahmed, Omar A. Farghal, Ahmed Mohamed Sayed, Moataz Mmdoh Azzaz	Study on the Large- Scale RC Beams Shear Strengthened With FRP Sheets	Journal of Scientific and Engineering Research						Under publication
14	Ahmed M. Sayed, and Hesham M. Diab	Modeling of the Axial Load Capacity of RC Columns Strengthened with Steel Jacketing under Preloading Based on FE Simulation	Modelling and Simulation in Engineering						Under publication

Conferences

No.	Author (s)	Article Title	Name of Conference	Year	Number	Country	ISI/ Scopus	Link of paper
1	Sameh Ahmed and Yousef Okour	<i>Proposed Procedures to Mitigate the Environmental Impacts at Industrial Cities: A Case Study of Sudair City, KSA</i>	International Conference on Water, Energy and Environment (ICWEE 2019)	26-28 March, 2019	6	UAE		
2	Ahmed G Abokhalil and Sameh Ahmed	<i>Assessment of the Impact and Efficiency of Green Building Development in</i>		26-28 March, 2019	6	UAE		

		<i>Middle East</i>						
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Application for funded Projects

- 1- **Yousef Okour and Sameh Ahmed "** *Developing of EIA Model to Support Sustainable Development at Sudair Industrial and Business City, KSA*" Engineering and Applied Sciences Research Center, MU Project 56/37 – 2016/17
- 2- **Sameh Ahmed and Yousef Okour "** *Assessment of Water Quality Parameters from Different Resources using Advanced Statistics Methods – A case Study of Majmaah City- KSA*" Engineering and Applied Sciences Research Center, MU Project 106/38 – 2018/2019
- 3- **Sameh Ahmed et. al., (2018)** *Developing a sustainable waste management system in KSA incorporating Waste to Energy with novel carbon sequestration technology. RDO (Rejected)*
- 4- **Sameh Ahmed et. al., (2018)** *Valorisation of mix municipal solid waste by hydrothermal carbonization process as solid fuel. RDO (In the Second stage Process)*