

## العدد الكلي للبحوث المنشورة في سكوبس في القسم المدني لسنة ٢٠٢٠

ت	أسم الباحث	عنوان البحث	أسم المجلة / المؤتمر	سنة النشر	البحث ضمن سكوبس	رابط البحث في موقع المجلة الإلكتروني
1	اكرم شاكر محمود	An Innovative Method of Voided Reinforced Concrete One-Way Slabs Using Bundled Waste PET Bottled Tubes	Materials Science Forum	2020	√	<a href="https://www.scientific.net/MSF.1007.76">https://www.scientific.net/MSF.1007.76</a>
2	اكرم شاكر محمود يوسف عبدالواحد منصور	The effect of corroded stirrups on shear behavior of reinforced concrete beams	The Fourth Scientific Conference for Engineering and Postgraduate Research 16-17 December 2019, Baghdad, Iraq	2020	√	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/745/1/012127">https://iopscience.iop.org/article/10.1088/1757-899X/745/1/012127</a>
3	اكرم شاكر محمود شيلان محمود حمه	Mechanical Properties, Energy Impact Capacity and Bond Resistance of concrete incorporating waste glass powder	IOP Conf. Series: Materials Science and Engineering	2020	√	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/745/1/012111/meta">https://iopscience.iop.org/article/10.1088/1757-899X/745/1/012111/meta</a>
4	شيلان محمود حمه	Behavior of concrete incorporating waste plastic as fine aggregate subjected to compression, impact load and bond resistance	European Journal of Environmental and Civil Engineering	2020	√	<a href="https://doi.org/10.1080/19648189.2020.1798287">https://doi.org/10.1080/19648189.2020.1798287</a>
5	شيلان محمود حمه محمد حمود مهنا	Flexural behavior of one-way ferrocement slabs with fibrous cementitious matrices	Periodicals of Engineering and Natural Sciences	2020	√	<a href="http://pen.ius.edu.ba/index.php/pen/article/view/1548">http://pen.ius.edu.ba/index.php/pen/article/view/1548</a>
6	محمود خاشع محمود شيلان محمود حمه	Optimization of glass powder content in self-compacting concrete as partial replacement of cement	IOP Conference Series: Materials Science and Engineering	2020	√	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/928/2/022140/meta">https://iopscience.iop.org/article/10.1088/1757-899X/928/2/022140/meta</a>
7	ضيفاف ناطق حمدالله شيلان محمود حمه	Effect of Eggshell Waste Powder on Impact Resistance and Bond Characteristics of Reinforced Concrete	Key Engineering Materials	2020	√	<a href="https://www.scientific.net/KEM.870.21">https://www.scientific.net/KEM.870.21</a>
8	محمد حمود مهنا	The determination of ground granulated concrete compressive strength based machine-learning models.	Periodicals of Engineering and Natural Sciences	2020	√	<a href="http://pen.ius.edu.ba/index.php/pen/article/view/1344">http://pen.ius.edu.ba/index.php/pen/article/view/1344</a>

<a href="http://www.igenng.com/volume10-issue5.php">http://www.igenng.com/volume10-issue5.php</a>	v	2020	Journal of Green Engineering	Pomegranate peel as adsorbent material to remove zinc ions from aqueous medium.	محمد حمود مهنا	9
<a href="https://iopscience.iop.org/article/10.1088/1757-899X/870/1/012089/meta">https://iopscience.iop.org/article/10.1088/1757-899X/870/1/012089/meta</a>	v	2020	IOP Conf. Series: Materials Science and Engineering	Evaluation of Recycled Demolition Waste Aggregates for base and subbase use in Roads	اياد صليبي مصطفى	10
<a href="https://ieeexplore.ieee.org/document/9073478">https://ieeexplore.ieee.org/document/9073478</a>	v	2020	IEEE Xplore	A Novel Composite Polymer for Chemical Oxygen Demand and Total Suspended Solids Removal	احمد رحومي رجب	11
<a href="https://iopscience.iop.org/article/10.1088/1757-899X/737/1/012116/meta">https://iopscience.iop.org/article/10.1088/1757-899X/737/1/012116/meta</a>	v	2020	IOP Conference Series: Materials Science and Engineering	Multiple Regression and ANN (MLP) Model for Predicting Swelling index of Ramadi Cohesive Soil	احمد حازم عبدالكريم	12
<a href="https://iopscience.iop.org/article/10.1088/1757-899X/671/1/012132/meta">https://iopscience.iop.org/article/10.1088/1757-899X/671/1/012132/meta</a>	v	2020	IOP Conference Series: Materials Science and Engineering 671:012132	The Influence of Curing Methods on Marshall Stability and Flow	طلال حسين فاضل	13
<a href="https://ascelibrary.org/doi/10.1061/%28ASCE%29SU.1943-5428.0000309">https://ascelibrary.org/doi/10.1061/%28ASCE%29SU.1943-5428.0000309</a>	v	2020	Journal of Surveying Engineering, ASCE	Development and Evaluation of Temporary Traffic Control Devices for Unmanned Aerial System Operations	حميد اسود محمود	14
<a href="https://www.tandfonline.com/doi/abs/10.1080/15389588.2020.1741559?journalCode=gpci20">https://www.tandfonline.com/doi/abs/10.1080/15389588.2020.1741559?journalCode=gpci20</a>	v	2020	Traffic Injury Prevention	Drivers' Visual Attention During the Onset of the Circular Yellow Indication at High-Speed Signalized Intersection	حميد اسود محمود	15
<a href="https://link.springer.com/chapter/10.1007/978-3-030-61075-3_11">https://link.springer.com/chapter/10.1007/978-3-030-61075-3_11</a>	v	2020	Conference on Sustainable Urban Mobility, 106-115	Community Participation Towards Sustainability Enhancement of Transportation Sector for Baghdad City	حامد احمد عواد	16
<a href="https://link.springer.com/chapter/10.1007/978-3-030-48679-2_5">https://link.springer.com/chapter/10.1007/978-3-030-48679-2_5</a>	v	2020	Proceedings of the 9th International Conference on Maintenance and Rehabilitation of Pavements—Mairepav9	Evaluation of Warm Mix Asphalt Produced from Iraqi Materials	دريد مؤيد عبد طاهر محمود احمد	17

<a href="https://link.springer.com/chapter/10.1007/978-3-030-48679-2_91">https://link.springer.com/chapter/10.1007/978-3-030-48679-2_91</a>	v	2020	Lecture Notes in Civil Engineering	Multiple Linear Regression Models for Predicting Surface Damage Due to Repeated Dynamic Loading on Submerged Asphalt Pavement	ماهر شاكر محمود	18
<a href="https://ieeexplore.ieee.org/document/9122932">https://ieeexplore.ieee.org/document/9122932</a>	v	2020	6th International Engineering Conference "Sustainable Technology and Development", IEC 2020	Multi-Types of Flexible Pavement Deterioration Prediction Models	ماهر شاكر محمود	19
<a href="https://doi.org/10.1080/10298436.2020.1742333">https://doi.org/10.1080/10298436.2020.1742333</a>	v	2020	International Journal of Pavement Engineering	A fuzzy inference system for predicting pavement surface damage due to combined action of traffic loading and water	ماهر شاكر محمود	20
<a href="https://doi.org/10.1680/jtran.19.00111">https://doi.org/10.1680/jtran.19.00111</a>	v	2020	Proceedings of the Institution of Civil Engineers-Transport	A unified artificial neural network model for asphalt pavement condition prediction	ماهر شاكر محمود	21
<a href="http://www.igenng.com/wp-content/uploads/2020/08/volume10-issue6-43.pdf">http://www.igenng.com/wp-content/uploads/2020/08/volume10-issue6-43.pdf</a>	v	2020	Journal of Green Engineering	Residual mechanical properties of high strength self-compacting concrete with reused steel fibers at high temperatures	خالد بتال نجم	22
<a href="https://doi.org/10.1007/978-3-030-48679-2_51">https://doi.org/10.1007/978-3-030-48679-2_51</a>	v	2020	Lecture Notes in Civil Engineering	The Effect of Fly Ash Based Geopolymer on the Strength of Problematic Subgrade Soil with High CaO Content	احمد حازم عبدالكريم طاهر محمود احمد	23
<a href="https://www.icevirtuallibrary.com/doi/abs/10.1680/jcoma.17.00066">https://www.icevirtuallibrary.com/doi/abs/10.1680/jcoma.17.00066</a>	v	2020	Construction Materials	Evaluating fatigue performance of hot-mix asphalt using degradation parameters	طاهر محمود احمد تامر يوسف احمد	24
<a href="https://www.sciencedirect.com/science/article/abs/pii/S0950061820320432">https://www.sciencedirect.com/science/article/abs/pii/S0950061820320432</a>	v	2020	Construction and Building Materials	Compressive behaviour of rubberized cement-stabilized aggregate mixtures	احمد هلال فرحان	25
<a href="https://www.tandfonline.com/doi/abs/10.1080/14680629.2019.1605924?journalCode=trmp20">https://www.tandfonline.com/doi/abs/10.1080/14680629.2019.1605924?journalCode=trmp20</a>	v	2020	Road Materials and Pavement Design	Behaviour of rubberised cement-bound aggregate mixtures containing different stabilisation levels under static and cyclic flexural loading	احمد هلال فرحان	26

<a href="https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20170746.htm">https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20170746.htm</a>	v	2020	Journal of Testing and Evaluation	Effect of rubber incorporation on the behavior of pavement cemented mixtures under cyclic flexural loading: A preliminary study	احمد هلال فرحان	27
<a href="https://www.mdpi.com/2306-5338/7/3/51">https://www.mdpi.com/2306-5338/7/3/51</a>	v	2020	Hydrology	A GIS-Based Multicriteria Analysis in Modeling Optimum Sites for Rainwater Harvesting	عمار ادهم علي	28



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