

Basim H Al-Humeidawi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

78
citations

1684188

5
h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

28
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of performance and design of GFRP dowels in jointed plain concrete pavement " part 1: experimental investigation. International Journal of Pavement Engineering, 2014, 15, 449-459.	4.4	15
2	Experimental investigation on the combined effect of dowel misalignment and cyclic wheel loading on dowel bar performance in JPCP. Engineering Structures, 2018, 174, 256-266.	5.3	11
3	Evaluation of performance and design of GFRP dowels in jointed plain concrete pavement " part 2: numerical simulation and design considerations. International Journal of Pavement Engineering, 2014, 15, 752-765.	4.4	10
4	Experimental Characterization of Rutting Performance of HMA Designed with Aggregate Gradations According to Superpave and Marshall Methods. World Journal of Engineering and Technology, 2016, 04, 477-487.	0.5	8
5	Numerical evaluation of the combined effect of dowel misalignment and wheel load on dowel bars performance in JPCP. Engineering Structures, 2022, 252, 113655.	5.3	8
6	Utilization of Waste Plastic and Recycle Concrete Aggregate in Production of Hot Mix Asphalt. Al-Qadisiyah Journal for Engineering Science, 2017, 7, 322-330.	0.2	5
7	Comparative evaluation for the effect of particles size of reclaimed asphalt pavement (RAP) on the properties of HMA. Journal of Physics: Conference Series, 2021, 1895, 012025.	0.4	4
8	Mechanical strength and hydraulic properties of modified porous concrete mixtures. Journal of Physics: Conference Series, 2021, 1895, 012027.	0.4	3
9	Evaluation of performance of hot mix asphalt contained various sizes of Reclaim asphalt pavement and polymer modified Bitumen. Materials Today: Proceedings, 2021, , .	1.8	3
10	Assessment of Dowel Bars Performance in Concrete Pavement Containing Crumb Rubber of Tires. Al-Qadisiyah Journal for Engineering Science, 0, , .	0.2	3
11	Assessment of the mechanical properties of concrete pavement containing crumb rubber of tires. IOP Conference Series: Materials Science and Engineering, 2020, 737, 012141.	0.6	2
12	Performance Evaluation of Conventional and High Modulus Asphalt Concrete with Novolac Polymer Modifier Using Aashtoware Software. International Journal of Engineering and Technology(UAE), 2018, 7, 386.	0.3	2
13	Characterizing the properties of sustainable semi-flexible pavement produced with polymer modified bitumen. Periodicals of Engineering and Natural Sciences, 2021, 9, 1064.	0.5	2
14	Quantifying sustainability for two types of pavement based on life cycle cost and environmental impact. IOP Conference Series: Materials Science and Engineering, 2021, 1067, 012068.	0.6	1
15	Investigation the effect of newly used polymer modified bitumen on the performance of hot mix asphalt containing reclaimed asphalt pavement. Scientific Review Engineering and Environmental Sciences, 2021, 30, 451-563.	0.5	1