

# Sebnem Sargin Karahancer

## List of Publications by Year in descending order

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26  
papers

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citations

1039406

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940134

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docs citations

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times ranked

393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation Of Physical-Rheological Properties of Nano Titanium Dioxide Modified Asphalt Binder and Rutting Resistance of Modified Mixture. International Journal of Pavement Research and Technology, 2023, 16, 285-303.	1.3	8
2	Evaluating mechanical properties of bitumen and hot mix asphalt modified with nano ferric oxide. Construction and Building Materials, 2020, 234, 117381.	3.2	17
3	Bitumen expanding using bio-oil product of rose pulp's pyrolysis process. Construction and Building Materials, 2020, 249, 118721.	3.2	0
4	Effect of aluminum oxide nano particle on modified bitumen and hot mix asphalt. Petroleum Science and Technology, 2020, 38, 773-784.	0.7	10
5	Expanded Glass Usability in Hot-Mix Asphalt as Fine Aggregate. Lecture Notes in Civil Engineering, 2020, , 831-838.	0.3	0
6	Utility of Aramid, Polyolefin and Polypropylene Combination in Hot Mix Asphalt as a Fiber Material. Lecture Notes in Civil Engineering, 2020, , 915-922.	0.3	1
7	Investigation the Usability of Garnet as Filler Material in Hot Mix Asphalt. Lecture Notes in Civil Engineering, 2020, , 907-913.	0.3	0
8	Investigating the performance of cuprous oxide nano particle modified asphalt binder and hot mix asphalt. Construction and Building Materials, 2019, 212, 698-706.	3.2	8
9	Mechanical Behavior of Bitumen and Hot-Mix Asphalt Modified with Zinc Oxide Nanoparticle. Journal of Materials in Civil Engineering, 2019, 31, .	1.3	17
10	Increasing the visibility of roads using phosphorous paint. Road Materials and Pavement Design, 2019, 20, 199-210.	2.0	0
11	SISALIN BÄ°TÄœMLÄœ SICAK KARIÄžİM Ä°ÄžERÄ°SÄ°NDE LÄ°F OLARAK KULLANILABÄ°LÄ°RLÄ°ÄžÄ°NÄ°N ARAÄžTIRILMASI. MÄ¼hendislik Ve TasarÄ±m Dergisi, 2019, 7, 906-912.	0.1	1
12	Performance analysis of nano modified bitumen and hot mix asphalt. Construction and Building Materials, 2018, 173, 228-237.	3.2	46
13	Usability of Hemp Fiber in Dense Graded Hot Mix Asphalt Mixture. , 2018, , .		0
14	The investigation of Polyamide fiber as an additive in HMA. , 2018, , .		0
15	Waste frying oil modified bitumen usage for sustainable hot mix asphalt pavement. Archives of Civil and Mechanical Engineering, 2017, 17, 863-870.	1.9	38
16	Examination of hot mix asphalt and binder performance modified with nano silica. Construction and Building Materials, 2017, 156, 976-984.	3.2	63
17	Optimization of Traffic Signal Timing at Oversaturated Intersections Using Elimination Pairing System. Procedia Engineering, 2017, 187, 295-300.	1.2	17
18	Modelling Marshall Stability of fiber reinforced asphalt mixtures with ANFIS. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	Examination of the Effect of Superhydrophobic Coated Pavement under Wet Conditions. Procedia Engineering, 2017, 187, 532-537.	1.2	8
20	Estimation of Specific Gravity with Penetration and Penetration Index Parameters by Artificial Neural Network. Periodicals of Engineering and Natural Sciences, 2017, 5, .	0.3	0
21	Utilization of Arundo donax in Hot Mix Asphalt as a fiber. Construction and Building Materials, 2016, 125, 981-986.	3.2	8
22	Marshall stability estimating using artificial neural network with polyparaphenylene terephtalamide fibre rate. , 2016, , .		3
23	Utility of polyparaphenylene terephtalamide fiber in hot mix asphalt as a fiber. Construction and Building Materials, 2016, 107, 87-94.	3.2	15
24	Plasma Empowered Limestone Composite Structures for Asphalt Performance Applications. , 2015, , .		0
25	Performance evaluation of nano-modified asphalt concrete. Construction and Building Materials, 2014, 71, 283-288.	3.2	26
26	Evaluation of rice husk ash as filler in hot mix asphalt concrete. Construction and Building Materials, 2013, 48, 390-397.	3.2	104