

# Akshay Gundla

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1309331/publications.pdf>

Version: 2024-02-01

9  
papers

120  
citations

1307594  
7  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular weight distribution of asphalt binders from Laser Desorption Mass Spectroscopy (LDMS) technique and its relationship to linear viscoelastic relaxation spectra. <i>Fuel</i> , 2020, 262, 116444.	6.4	13
2	Implementation of the AASHTO M 332 Specification: A Case Study. <i>Transportation Research Record</i> , 2020, 2674, 959-971.	1.9	3
3	Relationship between Asphalt Binder Parameters and Asphalt Mixture Rutting. <i>Transportation Research Record</i> , 2019, 2673, 431-446.	1.9	14
4	Effect of MSCR Percent Recovery on Performance of Polymer Modified Asphalt Mixtures. <i>Transportation Research Record</i> , 2019, 2673, 308-319.	1.9	15
5	Interpreting Stress Sensitivity in the Multiple Stress Creep and Recovery Test. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	2.9	39
6	Evaluation of <i>in situ</i> RAP binder interaction in asphalt mastics using micromechanical models. <i>International Journal of Pavement Engineering</i> , 2017, 18, 798-810.	4.4	18
7	Evaluation of the sensitivity of asphalt concrete modulus to binder oxidation with a multiple length scale study. <i>Construction and Building Materials</i> , 2017, 152, 954-963.	7.2	7
8	Investigation of Aging in Hydrated Lime and Portland Cement Modified Asphalt Concrete at Multiple Length Scales. <i>Journal of Materials in Civil Engineering</i> , 2016, 28, .	2.9	11
9	Use of Time-Temperature Superposition Principle to Create Pavement Performance Master Curves and Relate Pavement Condition Index and International Roughness Index. <i>Transportation Research Record</i> , 0, , 036119812110049.	1.9	0