

# Mehrtash Soltani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11490205/publications.pdf>

Version: 2024-02-01

11  
papers

511  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

455  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of permanent deformation characteristics of unmodified and Polyethylene Terephthalate modified asphalt mixtures using dynamic creep test. <i>Materials &amp; Design</i> , 2014, 53, 317-324.	5.1	137
2	Experimental characterization of rutting performance of Polyethylene Terephthalate modified asphalt mixtures under static and dynamic loads. <i>Construction and Building Materials</i> , 2014, 65, 487-494.	7.2	103
3	Optimization of asphalt and modifier contents for polyethylene terephthalate modified asphalt mixtures using response surface methodology. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015, 74, 159-169.	5.0	67
4	Stiffness modulus of Polyethylene Terephthalate modified asphalt mixture: A statistical analysis of the laboratory testing results. <i>Materials &amp; Design</i> , 2015, 68, 88-96.	5.1	52
5	Analysis of fatigue properties of unmodified and polyethylene terephthalate modified asphalt mixtures using response surface methodology. <i>Engineering Failure Analysis</i> , 2015, 58, 238-248.	4.0	37
6	Estimation of the rutting performance of Polyethylene Terephthalate modified asphalt mixtures by adaptive neuro-fuzzy methodology. <i>Construction and Building Materials</i> , 2015, 96, 550-555.	7.2	30
7	The use of SVM-FFA in estimating fatigue life of polyethylene terephthalate modified asphalt mixtures. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 90, 526-533.	5.0	27
8	The safety performance of guardrail systems: review and analysis of crash tests data. <i>International Journal of Crashworthiness</i> , 2013, 18, 530-543.	1.9	19
9	Analysis of developed transition road safety barrier systems. <i>Accident Analysis and Prevention</i> , 2013, 59, 240-252.	5.7	12
10	Using Response Surface Methodology to Assess the Performance of the Pervious Concrete Pavement. <i>International Journal of Pavement Research and Technology</i> , 2023, 16, 576-591.	2.6	5
11	Crashworthiness of G4(2W) guardrail system: a finite element parametric study. <i>International Journal of Crashworthiness</i> , 2017, 22, 169-189.	1.9	3