

# Shadi Saadeh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6522146/publications.pdf>

Version: 2024-02-01

16  
papers

355  
citations

1163117

8  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

321  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computations of particle surface characteristics using optical and X-ray CT images. Computational Materials Science, 2005, 34, 406-424.	3.0	116
2	Extended finite-element modelling of asphalt mixtures fracture properties using the semi-circular bending test. Road Materials and Pavement Design, 2014, 15, 153-166.	4.0	54
3	Characterization of Asphalt Mix Response under Repeated Loading Using Anisotropic Nonlinear Viscoelastic-Viscoplastic Model. Journal of Materials in Civil Engineering, 2007, 19, 912-924.	2.9	49
4	Investigation of fracture properties of California asphalt mixtures using semicircular bending and beam fatigue tests. Road Materials and Pavement Design, 2013, 14, 252-265.	4.0	28
5	Application of fully permeable pavements as a sustainable approach for mitigation of stormwater runoff. International Journal of Transportation Science and Technology, 2019, 8, 338-350.	3.6	25
6	Enhancing Biomass Value Chain by Utilizing Biochar as A Free Radical Scavenger to Delay Ultraviolet Aging of Bituminous Composites Used in Outdoor Construction. Resources, Conservation and Recycling, 2021, 168, 105302.	10.8	25
7	Fatigue Performance Prediction of Asphalt Pavement Based on Semicircular Bending Test at Intermediate Temperature. Journal of Materials in Civil Engineering, 2018, 30, .	2.9	20
8	Mechanistic Properties of Hot-Mix Asphalt Mixtures Containing Hydrated Lime. Transportation Research Record, 2008, 2051, 49-63.	1.9	12
9	On the relationship of microstructure properties of asphalt mixtures to their constitutive behaviour. International Journal of Materials and Structural Integrity, 2010, 4, 186.	0.1	7
10	Numerical Evaluation of Semicircular Bending Test Variability. Journal of Materials in Civil Engineering, 2018, 30, .	2.9	7
11	Sensitivity Analysis of Semi-Circular Bending Test using Plackettâ€“Burman Matrix. Transportation Research Record, 2020, 2674, 302-312.	1.9	4
12	Comparison of Fracture Properties of Asphalt Concrete in Semicircular Bend Test Using Noncontact Camera and Crosshead Movement. Journal of Materials in Civil Engineering, 2018, 30, 04018078.	2.9	2
13	Fracture Behavior Analysis of Semi-Circular Bending Test. MATEC Web of Conferences, 2019, 271, 03007.	0.2	2
14	Biochar effects on the performance of conventional and rubberized HMA. Road Materials and Pavement Design, 0, , 1-17.	4.0	2
15	Correlation of Semi-circular Bending and Beam Fatigue Fracture Properties of Asphalt Concrete Using Non-Contact Camera and Crosshead Movement. , 2014, , .		1
16	Performance Testing of Hot Mix Asphalt Containing Biochar. RILEM Bookseries, 2022, , 1465-1471.	0.4	1