

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3514318/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Effect of Aging on Adhesion Properties of Asphalt Mixtures with the Use of Bitumen Bond Strength and Surface Energy Measurement Tests. Transportation Research Record, 2015, 2505, 57-65.	1.9	84
2	Influence of Hydrogreen Bioasphalt on Viscoelastic Properties of Reclaimed Asphalt Mixtures. Transportation Research Record, 2013, 2371, 13-22.	1.9	63
3	Morphological analysis of bitumen phases using atomic force microscopy. Road Materials and Pavement Design, 2015, 16, 138-152.	4.0	37
4	Effect of aggregate-bitumen compatibility on moisture susceptibility of asphalt mixtures. Road Materials and Pavement Design, 2017, 18, 318-328.	4.0	25
5	Methodologies for Estimating Effective Performance Grade of Asphalt Binders in Mixtures with High Recycled Asphalt Pavement Content. Transportation Research Record, 2012, 2294, 53-63.	1.9	23
6	Adhesive properties of asphalts and aggregates in tropical climates. International Journal of Pavement Engineering, 2018, 19, 738-747.	4.4	19
7	Evaluating Moisture Susceptibility of Asphalt Concrete Mixtures Through Simple Performance Tests. Transportation Research Record, 2016, 2575, 70-78.	1.9	18
8	Analysis of Asphalt Oxidation by Means of Accelerated Testing and Environmental Conditions. Transportation Research Record, 2018, 2672, 244-255.	1.9	12
9	Application of the logit model for the analysis of asphalt fatigue tests results. Construction and Building Materials, 2015, 82, 53-60.	7.2	10
10	Structural Analysis for APT Sections Based on Deflection Parameters. Transportation Research Record, 2019, 2673, 313-322.	1.9	7
11	Effects of moisture damage and anti-stripping agents on hot mix asphalt dynamic modulus. Road Materials and Pavement Design, 2020, 21, 1135-1154.	4.0	7
12	Truck Weights on Municipal and National Roads without Weight Enforcement. Transportation Research Record, 2019, 2673, 275-284.	1.9	2
13	Measurement of G* in Fine Asphalt Mixes. Transportation Research Record, 2015, 2507, 39-49.	1.9	0
14	Selection of Optimum Nano-Modifier Content to Ensure Proper Performance of the Asphalt Binder. , 2015, , .		0
15	A synthesis of the first full-scale experiment in Central America. International Journal of Pavement Engineering, 2021, 22, 560-569.	4.4	0