

# Peter E Sebaaly

## List of Publications by Year in descending order

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29  
papers

357  
citations

933447  
10  
h-index

839539  
18  
g-index

30  
all docs

30  
docs citations

30  
times ranked

341  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laboratory Evaluation of Mixes Containing Recycled Asphalt Pavement (RAP). Road Materials and Pavement Design, 2009, 10, 495-517.	4.0	72
2	A critical review of high polymer-modified asphalt binders and mixtures. International Journal of Pavement Engineering, 2020, 21, 686-702.	4.4	69
3	Evaluation of selected warm mix asphalt technologies. Road Materials and Pavement Design, 2015, 16, 475-486.	4.0	29
4	Evaluation of select warm mix additives with polymer and rubber modified asphalt mixtures. Canadian Journal of Civil Engineering, 2015, 42, 377-388.	1.3	18
5	A comprehensive evaluation of moisture damage of asphalt concrete mixtures. International Journal of Pavement Engineering, 2017, 18, 169-182.	4.4	18
6	A comprehensive model for predicting thermal cracking events in asphalt pavements. International Journal of Pavement Engineering, 2017, 18, 871-885.	4.4	16
7	Effect of select warm-mix additives on thermo-viscoelastic properties of asphalt mixtures. Road Materials and Pavement Design, 2013, 14, 175-186.	4.0	13
8	Reflective cracking relief interlayer for asphalt pavement rehabilitation: from development to demonstration. Road Materials and Pavement Design, 2017, 18, 30-57.	4.0	13
9	Impact of high polymer modification on reflective cracking performance life of asphalt concrete overlays. International Journal of Pavement Research and Technology, 2020, 13, 510-523.	2.6	11
10	Evaluation of Rut Resistant Asphalt Mixtures for Intersection. Road Materials and Pavement Design, 2011, 12, 263-292.	4.0	10
11	Influence of Tireâ€Pavement Stress Distribution, Shape, and Braking on Performance Predictions for Asphalt Pavement. Transportation Research Record, 2012, 2306, 73-85.	1.9	10
12	Impact of lime on the mechanical and mechanistic performance of hot mixed asphalt mixtures. Road Materials and Pavement Design, 2015, 16, 421-444.	4.0	10
13	Damage Assessment for ME Rehabilitation Design of Modified Asphalt Pavements: Challenges and Findings. Transportation Research Record, 2018, 2672, 228-241.	1.9	10
14	Fatigue-Based Structural Layer Coefficient of High Polymer-Modified Asphalt Mixtures. Transportation Research Record, 2020, 2674, 232-247.	1.9	10
15	Evaluating Field Performance: Case Study Including Hot Mix Asphalt Performance-Related Specifications. Journal of Transportation Engineering, 2004, 130, 251-260.	0.9	9
16	Instrumented flexible pavement responses under aircraft loading. International Journal of Pavement Engineering, 2021, 22, 1213-1225.	4.4	8
17	Influence of Aggregate Source and Warm-Mix Technologies on the Mechanical Properties of Asphalt Mixtures. Advances in Civil Engineering Materials, 2013, 2, 400-417.	0.6	7
18	Recommendations for the characterization of RAP aggregate properties using traditional testing and mixture volumetrics. Road Materials and Pavement Design, 2012, 13, 209-233.	4.0	5

#	ARTICLE	IF	CITATIONS
19	Mechanistic-based verification of a structural layer coefficient for high polymer-modified asphalt mixtures. Road Materials and Pavement Design, 2021, 22, 2721-2747.	4.0	5
20	Field Performance and Economic Analysis of Rehabilitated Pavement Sections with Engineered Stress Relief Course Interlayers. Transportation Research Record, 2019, 2673, 351-364.	1.9	3
21	Effects of Rayleigh Damping on the Subgrade's Apparent Nonlinearity. Journal of Transportation Engineering Part B: Pavements, 2020, 146, 04020042.	1.5	3
22	Local agency transition to balanced mix design. International Journal of Pavement Engineering, 2022, 23, 4792-4802.	4.4	3
23	Evaluation of Cracking Resistance of Tire Rubber-Modified Asphalt Mixtures. Journal of Transportation Engineering Part B: Pavements, 2021, 147, 04021019.	1.5	2
24	Evaluation of Rut Resistant Asphalt Mixtures for Intersection. Road Materials and Pavement Design, 2011, 12, 263-292.	4.0	2
25	Performance Characteristics of Cold In-Place Recycling Mixtures. Journal of Materials in Civil Engineering, 2021, 33, 04021264.	2.9	1
26	Performance Evaluation of a Polymer Binder Stabilized Aggregate Mixture: A Pilot Study. , 2017, , .		0
27	Asymmetric Logistic Model for Estimation of Mileage-Related Vehicle Depreciation Function of Roadway Characteristics. Transportation Research Record, 2020, 2674, 395-408.	1.9	0
28	Structural Contribution of Cold In-Place Recycling Base Layer. CivilEng, 2021, 2, 736-746.	1.4	0
29	Influence of Laboratory Mixing Procedures on Volumetric and Mechanical Properties of RAP Mixtures. Advances in Civil Engineering Materials, 2013, 2, 485-505.	0.6	0