# Peter E Sebaaly

List of Publications by Year
in descending order



| 29 | 357 | 933264 | 839398 |
|---|---|---|---|
| papers | citations | 10 h-index | 18 g-index |

| 30 | 30 | 30 | 341 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Laboratory Evaluation of Mixes Containing Recycled Asphalt Pavement (RAP). Road Materials and Pavement Design, 2009, 10, 495-517. | 2.0 | 72 |
| 2 | A critical review of high polymer-modified asphalt binders and mixtures. International Journal of Pavement Engineering, 2020, 21, 686-702. | 2.2 | 69 |
| 3 | Evaluation of selected warm mix asphalt technologies. Road Materials and Pavement Design, 2015, 16, 475-486. | 2.0 | 29 |
| 4 | Evaluation of select warm mix additives with polymer and rubber modified asphalt mixtures. Canadian Journal of Civil Engineering, 2015, 42, 377-388. | 0.7 | 18 |
| 5 | A comprehensive evaluation of moisture damage of asphalt concrete mixtures. International Journal of Pavement Engineering, 2017, 18, 169-182. | 2.2 | 18 |
| 6 | A comprehensive model for predicting thermal cracking events in asphalt pavements. International Journal of Pavement Engineering, 2017, 18, 871-885. | 2.2 | 16 |
| 7 | Effect of select warm-mix additives on thermo-viscoelastic properties of asphalt mixtures. Road Materials and Pavement Design, 2013, 14, 175-186. | 2.0 | 13 |
| 8 | Reflective cracking relief interlayer for asphalt pavement rehabilitation: from development to demonstration. Road Materials and Pavement Design, 2017, 18, 30-57. | 2.0 | 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. | 1.3 | 11 |
| 10 | Evaluation of Rut Resistant Asphalt Mixtures for Intersection. Road Materials and Pavement Design, 2011, 12, 263-292. | 2.0 | 10 |
| 11 | Influence of Tireâ€“Pavement Stress Distribution, Shape, and Braking on Performance Predictions for Asphalt Pavement. Transportation Research Record, 2012, 2306, 73-85. | 1.0 | 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. | 2.0 | 10 |
| 13 | Damage Assessment for ME Rehabilitation Design of Modified Asphalt Pavements: Challenges and Findings. Transportation Research Record, 2018, 2672, 228-241. | 1.0 | 10 |
| 14 | Fatigue-Based Structural Layer Coefficient of High Polymer-Modified Asphalt Mixtures. Transportation Research Record, 2020, 2674, 232-247. | 1.0 | 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. | 2.2 | 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. | 0.2 | 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. | 2.0 | 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. | 2.0 | 5 |
| 20 | Field Performance and Economic Analysis of Rehabilitated Pavement Sections with Engineered Stress Relief Course Interlayers. Transportation Research Record, 2019, 2673, 351-364. | 1.0 | 3 |
| 21 | Effects of Rayleigh Damping on the Subgradeâ€™s Apparent Nonlinearity. Journal of Transportation Engineering Part B: Pavements, 2020, 146, 04020042. | 0.8 | 3 |
| 22 | Local agency transition to balanced mix design. International Journal of Pavement Engineering, 2022, 23, 4792-4802. | 2.2 | 3 |
| 23 | Evaluation of Cracking Resistance of Tire Rubberâ€“Modified Asphalt Mixtures. Journal of Transportation Engineering Part B: Pavements, 2021, 147, 04021019. | 0.8 | 2 |
| 24 | Evaluation of Rut Resistant Asphalt Mixtures for Intersection. Road Materials and Pavement Design, 2011, 12, 263-292. | 2.0 | 2 |
| 25 | Performance Characteristics of Cold In-Place Recycling Mixtures. Journal of Materials in Civil Engineering, 2021, 33, 04021264. | 1.3 | 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. | 1.0 | 0 |
| 28 | Structural Contribution of Cold In-Place Recycling Base Layer. CivilEng, 2021, 2, 736-746. | 0.8 | 0 |
| 29 | Influence of Laboratory Mixing Procedures on Volumetric and Mechanical Properties of RAP Mixtures. Advances in Civil Engineering Materials, 2013, 2, 485-505. | 0.2 | 0 |