List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12219/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Linear viscoelastic behaviour of bituminous materials: From binders to mixes. Road Materials and Pavement Design, 2004, 5, 163-202. | 4.0 | 248 |
| 2 | Nonlinearity, Heating, Fatigue and Thixotropy during Cyclic Loading of Asphalt Mixtures. Road Materials and Pavement Design, 2011, 12, 129-158. | 4.0 | 191 |
| 3 | General "2S2P1D―Model and Relation Between the Linear Viscoelastic Behaviours of Bituminous Binders and Mixes. Road Materials and Pavement Design, 2003, 4, 185-224. | 4.0 | 185 |
| 4 | Time-Dependent Shear Deformation Characteristics of Geomaterials and their Simulation. Soils and Foundations, 2002, 42, 103-129. | 3.1 | 180 |
| 5 | Three-Dimensional Linear Behavior of Bituminous Materials: Experiments and Modeling. International Journal of Geomechanics, 2007, 7, 149-157. | 2.7 | 161 |
| 6 | Time-Dependent Shear Deformation Characteristics of Sand and their Constitutive Modelling. Soils and Foundations, 2002, 42, 1-22. | 3.1 | 151 |
| 7 | General 2S2P1D Model and Relation Between the Linear Viscoelastic Behaviours of Bituminous Binders and Mixes. Road Materials and Pavement Design, 2003, 4, 185-224. | 4.0 | 151 |
| 8 | Modelling the rheological properties of bituminous binders using the 2S2P1D Model. Construction and Building Materials, 2013, 38, 395-406. | 7.2 | 110 |
| 9 | Various Viscosity Types of Geomaterials in Shear and Their Mathematical Expression. Soils and Foundations, 2008, 48, 41-60. | 3.1 | 93 |
| 10 | Assessment of Existing Micro-mechanical Models for Asphalt Mastics Considering Viscoelastic Effects. Road Materials and Pavement Design, 2008, 9, 31-57. | 4.0 | 81 |
| 11 | Behaviour of asphalt mixtures containing reclaimed asphalt pavement and asphalt shingle. Road Materials and Pavement Design, 2014, 15, 330-347. | 4.0 | 77 |
| 12 | Time Temperature Superposition Principle Validation for Bituminous Mixes in the Linear and Nonlinear Domains. Journal of Materials in Civil Engineering, 2013, 25, 1181-1188. | 2.9 | 72 |
| 13 | Time-temperature superposition principle for bituminous mixtures. European Journal of Environmental and Civil Engineering, 2009, 13, 1095-1107. | 2.1 | 71 |
| 14 | From the Behavior of Constituent Materials to the Calculation and Design of Orthotropic Bridge Structures. Road Materials and Pavement Design, 2010, 11, 111-144. | 4.0 | 71 |
| 15 | Determination of thermal properties of asphalt mixtures as another output from cyclic tension-compression test. Road Materials and Pavement Design, 2012, 13, 85-103. | 4.0 | 68 |
| 16 | Influence of Asphalt Mixture Stiffness on Fatigue Failure. Journal of Materials in Civil Engineering, 2004, 16, 516-525. | 2.9 | 64 |
| 17 | Linear Viscoelastic Properties of Bituminous Binders and Mixtures at Low and Intermediate Temperatures. Road Materials and Pavement Design, 2003, 4, 77-107. | 4.0 | 63 |
| 18 | Determination of bituminous mixtures linear properties using ultrasonic wave propagation. Construction and Building Materials, 2012, 36, 638-647. | 7.2 | 63 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Linear Viscoelastic Properties of Bituminous Materials Including New Products Made with Ultrafine Particles. Road Materials and Pavement Design, 2009, 10, 7-38. | 4.0 | 62 |
| 20 | Complex modulus and complex Poisson's ratio from cyclic and dynamic modal testing of asphalt concrete. Construction and Building Materials, 2015, 88, 20-31. | 7.2 | 59 |
| 21 | Effect of Binder Characteristics on Fatigue of Asphalt Pavement Using an Intrinsic Damage Approach. Road Materials and Pavement Design, 2005, 6, 147-174. | 4.0 | 58 |
| 22 | Viscous Energy Dissipation in Asphalt Pavement Structures and Implication for Vehicle Fuel Consumption. Journal of Materials in Civil Engineering, 2012, 24, 568-576. | 2.9 | 58 |
| 23 | Stiffness of Bituminous Mixtures Using Ultrasonic Wave Propagation. Road Materials and Pavement Design, 2009, 10, 789-814. | 4.0 | 57 |
| 24 | New method to obtain viscoelastic properties of bitumen blends from pure and reclaimed asphalt pavement binder constituents. Road Materials and Pavement Design, 2014, 15, 312-329. | 4.0 | 57 |
| 25 | Analysis of Fatigue Test for Bituminous Mixtures. Journal of Materials in Civil Engineering, 2013, 25, 701-710. | 2.9 | 55 |
| 26 | Rutting of bituminous mixtures: wheel tracking tests campaign analysis. Materials and Structures/Materiaux Et Constructions, 2011, 44, 969-986. | 3.1 | 52 |
| 27 | Modeling of viscous bituminous wearing course materials on orthotropic steel deck. Materials and Structures/Materiaux Et Constructions, 2012, 45, 1115-1125. | 3.1 | 52 |
| 28 | Small Strain Behavior of Geomaterials: Modelling of Strain Rate Effects. Soils and Foundations, 1997, 37, 127-138. | 3.1 | 51 |
| 29 | Effect of colloidal structure of bituminous binder blends on linear viscoelastic behaviour of mixtures containing Reclaimed Asphalt Pavement. Materials and Design, 2016, 111, 126-139. | 7.0 | 51 |
| 30 | 3Dim experimental investigation of linear viscoelastic properties of bituminous mixtures. Materials and Structures/Materiaux Et Constructions, 2016, 49, 4813-4829. | 3.1 | 48 |
| 31 | Linear and nonlinear viscoelastic behaviour of bituminous mixtures. Materials and Structures/Materiaux Et Constructions, 2015, 48, 2339-2351. | 3.1 | 47 |
| 32 | Validation of the time–temperature superposition principle for crack propagation in bituminous mixtures. Materials and Structures/Materiaux Et Constructions, 2013, 46, 1075-1087. | 3.1 | 44 |
| 33 | Comparing Linear Viscoelastic Properties of Asphalt Concrete Measured by Laboratory Seismic and Tension–Compression Tests. Journal of Nondestructive Evaluation, 2014, 33, 571-582. | 2.4 | 43 |
| 34 | Three-dimensional Thermo-viscoplastic Behaviour of Bituminous Materials: The DBN Model. Road Materials and Pavement Design, 2007, 8, 285-315. | 4.0 | 39 |
| 35 | Approximation of Linear Viscoelastic Model in the 3 Dimensional Case with Mechanical Analogues of Finite Size. Road Materials and Pavement Design, 2011, 12, 897-930. | 4.0 | 37 |
| 36 | Three-dimensional Thermo-viscoplastic Behaviour of Bituminous Materials. The DBN Model. Road Materials and Pavement Design, 2007, 8, 285-315. | 4.0 | 37 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Thermo-viscoplastic law for bituminous mixes. Road Materials and Pavement Design, 2001, 2, 71-95. | 4.0 | 36 |
| 38 | Thermomechanical characterization of asphalt mixtures modified with high contents of asphalt shingle modifier (ASM®) and reclaimed asphalt pavement (RAP). Materials and Structures/Materiaux Et Constructions, 2013, 46, 1747-1763. | 3.1 | 33 |
| 39 | Use of a bituminous mixture layer in high-speed line trackbeds. Construction and Building Materials, 2016, 125, 398-407. | 7.2 | 33 |
| 40 | Complex modulus and fatigue performances of bituminous mixtures with reclaimed asphalt pavement and a recycling agent of vegetable origin. Road Materials and Pavement Design, 2017, 18, 315-330. | 4.0 | 31 |
| 41 | Modelling and Simulation of Rate-Dependent Stress-Strain Behaviour of Granular Materials in Shear. Soils and Foundations, 2008, 48, 175-194. | 3.1 | 30 |
| 42 | Numerical simulation of the five-point bending test designed to study bituminous wearing courses on orthotropic steel bridge. Materials and Structures/Materiaux Et Constructions, 2010, 43, 319-330. | 3.1 | 30 |
| 43 | Reversible phenomena and fatigue damage during cyclic loading and rest periods on bitumen. International Journal of Fatigue, 2019, 124, 303-314. | 5.7 | 30 |
| 44 | Effect of Ultrafine Particles on Linear Viscoelastic Properties of Mastics and Asphalt Concretes. Transportation Research Record, 2008, 2051, 41-48. | 1.9 | 29 |
| 45 | French wheel tracking round robin test on a polymer modified bitumen mixture. Materials and Structures/Materiaux Et Constructions, 2011, 44, 1031-1046. | 3.1 | 29 |
| 46 | New fatigue test on bituminous binders: Experimental results and modeling. Construction and Building Materials, 2012, 37, 197-208. | 7.2 | 29 |
| 47 | Contraction and expansion of partially saturated hot mix asphalt samples exposed to freeze–thaw cycles. Road Materials and Pavement Design, 2015, 16, 277-299. | 4.0 | 29 |
| 48 | Degradation of asphalt mixtures with glass aggregates subjected to freeze-thaw cycles. Cold Regions Science and Technology, 2017, 141, 8-15. | 3.5 | 29 |
| 49 | Reclaimed asphalt pavement and additives' influence on 3D linear behaviour of warm mix asphalts. Road Materials and Pavement Design, 2015, 16, 569-591. | 4.0 | 28 |
| 50 | Application of the theory of viscoelasticity to evaluate the resilient modulus test in asphalt mixes. Construction and Building Materials, 2017, 149, 648-658. | 7.2 | 27 |
| 51 | Approximation of Linear Viscoelastic Model in the 3 Dimensional Case with Mechanical Analogues of Finite Size. Road Materials and Pavement Design, 2011, 12, 897-930. | 4.0 | 26 |
| 52 | Modelling of Ageing Effects on the Elasto-Viscoplastic Behaviour of Geomaterial. Soils and Foundations, 2008, 48, 155-174. | 3.1 | 25 |
| 53 | Influence of transient effects for analysis of complex modulus tests on bituminous mixtures. Road Materials and Pavement Design, 2016, 17, 271-289. | 4.0 | 25 |
| 54 | Viscous behaviour of dry sand. International Journal for Numerical and Analytical Methods in Geomechanics, 2007, 31, 1631-1658. | 3.3 | 24 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Recovery of asphalt mixture stiffness during fatigue loading rest periods. Construction and Building Materials, 2018, 158, 591-600. | 7.2 | 24 |
| 56 | Effects of Particle Characteristics on the Viscous Properties of Granular Materials in Shear. Soils and Foundations, 2009, 49, 25-49. | 3.1 | 23 |
| 57 | Degradation of hot mix asphalt samples subjected to freeze-thaw cycles and partially saturated with water or brine. Road Materials and Pavement Design, 2017, 18, 849-864. | 4.0 | 23 |
| 58 | Comparison of the 3-dim linear viscoelastic behavior of asphalt mixes determined with tension-compression and dynamic tests. Construction and Building Materials, 2018, 174, 529-536. | 7.2 | 23 |
| 59 | Anisotropy of bituminous mixture in the linear viscoelastic domain. Mechanics of Time-Dependent Materials, 2016, 20, 281-297. | 4.4 | 22 |
| 60 | Complex modulus and fatigue resistance of bituminous mixtures containing hydrated lime. Construction and Building Materials, 2017, 139, 24-33. | 7.2 | 22 |
| 61 | Viscoelastic Behaviour Characterization of a Gap-graded Asphalt Mixture with SBS Polymer Modified Bitumen. Materials Research, 2015, 18, 373-381. | 1.3 | 21 |
| 62 | Comparison of rheological parameters of asphalt binders obtained from bending beam rheometer and dynamic shear rheometer at low temperatures. Road Materials and Pavement Design, 2015, 16, 211-227. | 4.0 | 21 |
| 63 | 3D Analysis and Modelling of Thermal Stress Restrained Specimen Test (TSRST) on Asphalt Mixes with RAP and Roofing Shingles. Construction and Building Materials, 2016, 120, 393-402. | 7.2 | 21 |
| 64 | Nonlinearity of bituminous mixtures. Mechanics of Time-Dependent Materials, 2018, 22, 29-49. | 4.4 | 21 |
| 65 | Évaluation de la résistance à la fatigue des enrobés bitumineux fondée sur l'évolution de l'endommagement du matériau en cours d'essai : aspects fondamentaux et application à l'enrobé Ã matrice de pierre. Canadian Journal of Civil Engineering, 2003, 30, 902-913. | 1.3 | 19 |
| 66 | Analysis and modeling of 3D complex modulus tests on hot and warm bituminous mixtures. Mechanics of Time-Dependent Materials, 2015, 19, 167-186. | 4.4 | 17 |
| 67 | Effect of Fatigue Cyclic Loading on the Linear Viscoelastic Properties of Bituminous Mixtures. Journal of Materials in Civil Engineering, 2015, 27, . | 2.9 | 16 |
| 68 | Effect of hydrated lime on linear viscoelastic properties of asphalt mixtures with glass aggregates subjected to freeze-thaw cycles. Construction and Building Materials, 2018, 184, 58-67. | 7.2 | 16 |
| 69 | 3D Linear viscoelastic behaviour of bituminous mixtures containing high content of multi-recycled RAP. Road Materials and Pavement Design, 2019, 20, 1709-1721. | 4.0 | 15 |
| 70 | Comparison of different blending combinations of virgin and RAP-extracted binder: Rheological simulations and statistical analysis. Construction and Building Materials, 2019, 197, 454-463. | 7.2 | 15 |
| 71 | Softening and local self-heating of bituminous mixtures during cyclic loading. Road Materials and Pavement Design, 2017, 18, 164-177. | 4.0 | 14 |
| 72 | Effect of time–temperature, strain level and cyclic loading on the complex Poisson's ratio of asphalt mixtures. Construction and Building Materials, 2021, 294, 123564. | 7.2 | 14 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Ability of the classical fatigue criterion to be associated with macro-crack growth. Materials and Structures/Materiaux Et Constructions, 2015, 48, 2383-2395. | 3.1 | 13 |
| 74 | Crack propagation characterisation of bituminous mixtures using a four-point bending notched specimen test. Road Materials and Pavement Design, 2016, 17, 70-86. | 4.0 | 13 |
| 75 | 3D complex modulus tests on bituminous mixture with sinusoidal loadings in tension and/or compression. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1. | 3.1 | 13 |
| 76 | Nonlinearity of bituminous materials for small amplitude cyclic loadings. Road Materials and Pavement Design, 2019, 20, 1571-1585. | 4.0 | 13 |
| 77 | Linear viscoelastic (LVE) properties of asphalt mixtures with different glass aggregates and hydrated lime content. International Journal of Pavement Engineering, 2020, 21, 1170-1179. | 4.4 | 13 |
| 78 | Comportement mécanique des enrobés bitumineux et modélisation de la contrainte maximale. Materials and Structures/Materiaux Et Constructions, 1994, 27, 539-547. | 3.1 | 12 |
| 79 | Creep tests on bituminous mixtures and modelling. Road Materials and Pavement Design, 2012, 13, 832-849. | 4.0 | 12 |
| 80 | Influence of loading amplitude on viscoelastic properties of bitumen, mastic and bituminous mixtures. Road Materials and Pavement Design, 2019, 20, S780-S796. | 4.0 | 12 |
| 81 | Cyclic triaxial tests on bituminous mixtures. Road Materials and Pavement Design, 2015, 16, 46-69. | 4.0 | 11 |
| 82 | Quantification of different effects occurring during fatigue tests on bituminous mixtures. Fatigue and Fracture of Engineering Materials and Structures, 2017, 40, 2169-2182. | 3.4 | 11 |
| 83 | Numerical simulation of falling/heavy weight deflectometer test considering linear viscoelastic behaviour in bituminous layers and inertia effects. Road Materials and Pavement Design, 2019, 20, S64-S78. | 4.0 | 11 |
| 84 | Mechanical Testing of Bituminous Mixtures. RILEM State-of-the-Art Reports, 2013, , 143-256. | 0.7 | 11 |
| 85 | Link between different bottom-up fatigue's law coefficients of mechanical-empirical pavement design software. Construction and Building Materials, 2019, 216, 552-563. | 7.2 | 10 |
| 86 | Elastoplastic model with loading memory surfaces (LMS) for monotonic and cyclic behaviour of geomaterials. International Journal for Numerical and Analytical Methods in Geomechanics, 2014, 38, 1477-1502. | 3.3 | 9 |
| 87 | Three-Dimensional Linear Viscoelastic Properties of Two Bituminous Mixtures Made with the Same Binder. Journal of Materials in Civil Engineering, 2018, 30, . | 2.9 | 9 |
| 88 | Relations between Linear ViscoElastic Behaviour of Bituminous Mixtures Containing Reclaimed Asphalt Pavement and Colloidal Structure of Corresponding Binder Blends. Procedia Engineering, 2016, 143, 138-145. | 1.2 | 8 |
| 89 | Characterization of Asphalt Mixes Behaviour from Dynamic Tests and Comparison with Conventional Cyclic Tension–Compression Tests. Applied Sciences (Switzerland), 2018, 8, 2117. | 2.5 | 8 |
| 90 | Linear Viscoelastic Behaviour of Geogrids Interface within Bituminous Mixtures. KSCE Journal of Civil Engineering, 2018, 22, 2082-2088. | 1.9 | 8 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Linear viscoelastic behavior of asphalt mixes from dynamic frequency response functions. International Journal for Numerical and Analytical Methods in Geomechanics, 2020, 44, 1019-1031. | 3.3 | 8 |
| 92 | Crack propagation analysis in bituminous mixtures reinforced by different types of geogrids using digital image correlation. Construction and Building Materials, 2021, 303, 124522. | 7.2 | 8 |
| 93 | Time-Dependent Behaviour and Static Liquefaction Phenomenon of Sand. Geotechnical and Geological Engineering, 2009, 27, 181-191. | 1.7 | 7 |
| 94 | Multi Modal Dynamic Linear Viscoelastic Back Analysis for Asphalt Mixes. Journal of Nondestructive Evaluation, 2018, 37, 1. | 2.4 | 7 |
| 95 | Influence of hydrated lime on linear viscoelastic properties of bituminous mastics. Mechanics of Time-Dependent Materials, 2020, 24, 25-40. | 4.4 | 7 |
| 96 | Time-temperature superposition principle for bituminous mixtures. Revue Européenne De Génie Civil, 2009, 13, 1095-1107. | 0.0 | 7 |
| 97 | Statistical Analysis of Influence of Mix Design Parameters on Mechanical Properties of Mixes with Reclaimed Asphalt Pavement. Transportation Research Record, 2014, 2445, 29-38. | 1.9 | 6 |
| 98 | Tridimensional linear viscoelastic properties of bituminous mixtures produced with crumb rubber added by dry process. Road Materials and Pavement Design, 2021, 22, 2086-2096. | 4.0 | 6 |
| 99 | Behaviour of binder blends: experimental results and modelling from LVE properties of pure binder, RAP binder and rejuvenator. Road Materials and Pavement Design, 2021, 22, S197-S213. | 4.0 | 6 |
| 100 | Effect of Vehicle Speed on the Millau Viaduct Response. Journal of Testing and Evaluation, 2012, 40, 20120127. | 0.7 | 6 |
| 101 | Assessment of Existing Micro-mechanical Models for Asphalt Mastics Considering Viscoelastic Effects. Road Materials and Pavement Design, 2008, 9, 31-57. | 4.0 | 6 |
| 102 | Thermomechanical and Mechanical Behaviour of Asphalt Mixtures at Cold Temperature. Road Materials and Pavement Design, 2004, 5, 45-72. | 4.0 | 5 |
| 103 | Linear Viscoelastic Behaviour and Anisotropy of Bituminous Mixture Compacted with a French Wheel Compactor. , 2010, , . | | 5 |
| 104 | Prediction of LVE Behavior of Mixtures Containing RAP from Properties of Base Constituents. Transportation Research Procedia, 2016, 14, 3552-3561. | 1.5 | 5 |
| 105 | Evaluation of the effect of the loading frequency on Wöhler's curve parameters of a high modulus asphalt concrete (HMAC). Road Materials and Pavement Design, 2022, 23, 2151-2166. | 4.0 | 5 |
| 106 | Thermo-rheological modelling of cement-bitumen treated materials in the small strain domain. Transportation Geotechnics, 2021, 31, 100647. | 4.5 | 5 |
| 107 | Calculation of viscous energy dissipation in asphalt pavements. Baltic Journal of Road and Bridge Engineering, 2014, 9, 123-130. | 0.8 | 5 |
| 108 | Rheological properties, 2S2P1D modelling and SHStS transformation of 12 Brazilian bitumens and mixtures. Road Materials and Pavement Design, 0, , 1-18. | 4.0 | 5 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Correspondances entre les coefficients des modÃʿles de fatigue dans les méthodes mécanistiques-empiriques de dimensionnement de chaussées souples. Canadian Journal of Civil Engineering, 2011, 38, 1287-1299. | 1.3 | 4 |
| 110 | Comparison of the moisture damage of bituminous binder coupled with glass and limestone substrate using pull-off test. Canadian Journal of Civil Engineering, 2019, 46, 188-194. | 1.3 | 4 |
| 111 | Precision of modal analysis to characterise the complex modulus of asphalt concrete. Road Materials and Pavement Design, 2019, 20, S217-S232. | 4.0 | 4 |
| 112 | Effect of Binder Characteristics on Fatigue of Asphalt Pavement Using an Intrinsic Damage Approach. Road Materials and Pavement Design, 2005, 6, 147-174. | 4.0 | 4 |
| 113 | Deterioration of HMA Partially Saturated with Water or Brine Subjected to Freeze-Thaw Cycles. RILEM Bookseries, 2016, , 705-717. | 0.4 | 3 |
| 114 | Fatigue and Thermal Cracking of Hot and Warm Bituminous Mixtures with Different RAP Contents. Sustainability, 2020, 12, 9812. | 3.2 | 3 |
| 115 | Experimental Investigation of the Mechanical Behaviour of Interfaces Between Pavement Layers. , 2018, , 344-352. | | 3 |
| 116 | Anisotropic Behavior of Bituminous Mixtures in Road Pavement Structures. Journal of Testing and Evaluation, 2020, 48, 20180828. | 0.7 | 3 |
| 117 | Stiffness of Bituminous Mixtures Using Ultrasonic Wave Propagation. Road Materials and Pavement Design, 2009, 10, 789-814. | 4.0 | 3 |
| 118 | Fatigue behaviour of dry or partially saturated hot mix asphalt (HMA). Fatigue and Fracture of Engineering Materials and Structures, 2020, 43, 1100-1114. | 3.4 | 2 |
| 119 | Visco-Elasto-Plastic Characterization in the Small Strain Domain of Cement Bitumen–Treated Materials Produced at Low Temperatures. Journal of Materials in Civil Engineering, 2021, 33, 04021039. | 2.9 | 2 |
| 120 | Influence of Crumb Rubber Added by Dry Process on Linear Viscoelastic Properties and Tensile Strength of Bituminous Mixtures. Lecture Notes in Civil Engineering, 2020, , 174-182. | 0.4 | 2 |
| 121 | Bituminous Interlayers Thermomechanical Behaviour under Small Shear Strain Loading Cycles with 2T3C Apparatus: Hollow Cylinder and Digital Image Correlation. , 0, , . | | 2 |
| 122 | Modelling of permanent strain of asphalt concrete using the ESSO model. Road Materials and Pavement Design, 2013, 14, 864-887. | 4.0 | 1 |
| 123 | Linear Viscoelastic Domain for Bituminous Mixtures. , 2014, , . | | 1 |
| 124 | Dynamic testing of asphalt mixes. E3S Web of Conferences, 2019, 92, 04004. | 0.5 | 1 |
| 125 | Validation of the Time-Temperature Superposition Principle (TTSP) in the Non-linear Domain for Bituminous Mixtures with Reclaimed Asphalt Pavement (40% RAP). RILEM Bookseries, 2022, , 1925-1931. | 0.4 | 1 |
| 126 | Influence of Air Void Content and Loading Frequency on Fatigue Test Results of Bituminous Mixtures. Journal of Transportation Engineering Part B: Pavements, 2021, 147, 04021059. | 1.5 | 1 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Visco-Plastic Behavior of Bituminous Mixtures: Experiments and Modeling. RILEM Bookseries, 2016, , 47-52. | 0.4 | 1 |
| 128 | Properties at Low Temperatures of Asphalt Mixes Containing High Content of Multi-recycled RAP. Journal of Testing and Evaluation, 2022, 50, 20210209. | 0.7 | 1 |
| 129 | Linear viscoelastic behaviours of bituminous mixtures and fiberglass geogrids interfaces. Geotextiles and Geomembranes, 2022, 50, 961-969. | 4.6 | 1 |
| 130 | Tridimensional linear viscoelastic behavior of bituminous materials. , 2015, , 59-95. | | 0 |
| 131 | Thermomechanical Coupling in Bituminous Mixtures Considered as Bonded Granular Media. , 2017, , . | | 0 |
| 132 | Influence of Linear Viscoelastic Behaviour of Pavement Layers Interface for Heavy Weight Deflectometer Test. RILEM Bookseries, 2022, , 1087-1094. | 0.4 | 0 |
| 133 | Effects of Water Saturation and Freeze-Thaw Cycles on Fatigue Behavior of Bituminous Mixtures. RILEM Bookseries, 2022, , 671-677. | 0.4 | 0 |
| 134 | Modifying Surface Properties of Model and Pavement Aggregates with Silanes. RILEM Bookseries, 2019, , 90-95. | 0.4 | 0 |
| 135 | Diffusion Phenomenon between Two Different Bitumens from Mechanical Analysis. Journal of Materials in Civil Engineering, 2022, 34, . | 2.9 | 0 |
| 136 | Tension Behavior of Bituminous Mixture Samples Reinforced by Fiberglass Geogrids in Different Directions. Lecture Notes in Civil Engineering, 2022, , 521-531. | 0.4 | 0 |