

Lucia Tsantilis

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

581
citations

840776

11
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheological Characterization of Bituminous Binders Modified with Carbon Nanotubes. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 53, 546-555.	0.5	124
2	Fatigue and healing properties of nano-reinforced bituminous binders. <i>International Journal of Fatigue</i> , 2015, 80, 30-39.	5.7	80
3	Fatigue properties of bituminous binders reinforced with carbon nanotubes. <i>International Journal of Pavement Engineering</i> , 2015, 16, 80-90.	4.4	57
4	Evaluation of the anti-rutting potential of polymer-modified binders by means of creep-recovery shear tests. <i>Materials and Structures/Materiaux Et Constructions</i> , 2013, 46, 1673-1682.	3.1	53
5	Evaluation of self healing properties of bituminous binders taking into account steric hardening effects. <i>Construction and Building Materials</i> , 2013, 41, 60-67.	7.2	51
6	Effect of sonication on high temperature properties of bituminous binders reinforced with nano-additives. <i>Construction and Building Materials</i> , 2015, 75, 395-403.	7.2	46
7	Fatigue and healing properties of bituminous mastics reinforced with nano-sized additives. <i>Mechanics of Time-Dependent Materials</i> , 2016, 20, 367-387.	4.4	26
8	Effect of SBS molecular structure on the rheological properties of ternary nanomodified bituminous binders. <i>Construction and Building Materials</i> , 2019, 222, 183-192.	7.2	19
9	Bituminous-based nanocomposites with improved high-temperature properties. <i>Composites Part B: Engineering</i> , 2016, 99, 9-16.	12.0	15
10	Investigating cohesive healing of asphalt binders by means of a dissipated energy approach. <i>International Journal of Pavement Research and Technology</i> , 2017, 10, 403-409.	2.6	15
11	Evaluation of healing potential of bituminous binders using a viscoelastic continuum damage approach. <i>Construction and Building Materials</i> , 2018, 184, 344-350.	7.2	14
12	Effects of Nano-sized Additives on the High-Temperature Properties of Bituminous Binders: A Comparative Study. , 2013, , 297-309.		13
13	Low-temperature properties of bituminous nanocomposites for road applications. <i>Construction and Building Materials</i> , 2018, 171, 397-403.	7.2	11
14	Storage Stability of Bituminous Binders Reinforced with Nano-Additives. <i>RILEM Bookseries</i> , 2016, , 75-87.	0.4	9
15	A new approach for the evaluation of time-temperature superposition effects on the self-healing of bituminous binders. <i>Construction and Building Materials</i> , 2021, 287, 122987.	7.2	9
16	Impact of nanosized additives on the fatigue damage behaviour of asphalt mixtures. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 2738-2746.	3.4	8
17	Experimental Investigation on the Combined Effects of Physical Hardening and Chemical Ageing on Low Temperature Properties of Bituminous Binders. <i>RILEM Bookseries</i> , 2016, , 631-641.	0.4	7
18	Ageing effects on the linear and nonlinear viscoelasticity of bituminous binders. <i>Road Materials and Pavement Design</i> , 2021, 22, S37-S50.	4.0	6

#	ARTICLE	IF	CITATIONS
19	A novel methodology for the evaluation of low temperature failure properties of asphalt binders. <i>Materials and Structures/Materiaux Et Constructions</i> , 2021, 54, 1.	3.1	4
20	Testing Methods to Assess Healing Potential of Bituminous Binders. <i>RILEM Bookseries</i> , 2022, , 55-62.	0.4	4
21	Non- petroleum- Based Binders for Paving Applications: Rheological and Chemical Investigation on Ageing Effects. <i>Lecture Notes in Civil Engineering</i> , 2020, , 67-76.	0.4	4
22	Investigating the effect of temperature on self-healing properties of neat and polymer-modified bituminous binders. <i>Road Materials and Pavement Design</i> , 2022, 23, 2-15.	4.0	3
23	Investigating the influence of fine RAP on bituminous mixtures at the mastic scale: viscoelastic analyses and micromechanical modelling. <i>International Journal of Pavement Engineering</i> , 0, , 1-11.	4.4	1