## Emiliano Pasquini

List of Publications by Year in descending order

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EMILIANO PASOLINI

#	Article	IF	CITATIONS
1	Sustainable solutions for road pavements: A multi-scale characterization of warm mix asphalts containing steel slags. Journal of Cleaner Production, 2017, 166, 835-843.	9.3	101
2	Experimental evaluation of the influence of surface coating on fiberglass geogrid performance in asphalt pavements. Geotextiles and Geomembranes, 2012, 34, 11-18.	4.6	72
3	Experimental characterization of high-performance fiber-reinforced cold mix asphalt mixtures. Construction and Building Materials, 2014, 57, 117-125.	7.2	66
4	Performance and Durability of Porous Asphalt Mixtures Manufactured Exclusively with Electric Steel Slags. Materials, 2019, 12, 3306.	2.9	55
5	Laboratory characterisation and field validation of geogrid-reinforced asphalt pavements. Road Materials and Pavement Design, 2013, 14, 17-35.	4.0	53
6	Analysis of water and thermal sensitivity of open graded asphalt rubber mixtures. Construction and Building Materials, 2010, 24, 283-291.	7.2	52
7	Performance evaluation of gap graded Asphalt Rubber mixtures. Construction and Building Materials, 2011, 25, 2014-2022.	7.2	46
8	Structural response of grid-reinforced bituminous pavements. Materials and Structures/Materiaux Et Constructions, 2014, 47, 1391-1408.	3.1	39
9	Improved durability of recycled porous asphalt. Construction and Building Materials, 2013, 48, 755-763.	7.2	36
10	Recommendation of RILEM TC 264 RAP on the evaluation of asphalt recycling agents for hot mix asphalt. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	3.1	31
11	Geocomposites against reflective cracking in asphalt pavements: laboratory simulation of a field application. Road Materials and Pavement Design, 2015, 16, 815-835.	4.0	26
12	Laboratory characterisation of optimised geocomposites for asphalt pavement reinforcement. Geosynthetics International, 2014, 21, 24-36.	2.9	24
13	Performance-Based Characterization of Bituminous Mortars Prepared With Ladle Furnace Steel Slag. Sustainability, 2020, 12, 1777.	3.2	22
14	An Application to the European Practice of the Bailey Method for HMA Aggregate Grading Design. Procedia, Social and Behavioral Sciences, 2012, 53, 990-999.	0.5	21
15	Use of Reclaimed Asphalt in Porous Asphalt Mixtures: Laboratory and Field Evaluations. Journal of Materials in Civil Engineering, 2015, 27, .	2.9	20
16	Resilient behaviour of unbound granular materials through repeated load triaxial test: influence of the conditioning stress. Road Materials and Pavement Design, 2015, 16, 70-88.	4.0	19
17	Rheological Characterization of Warm-Modified Asphalt Mastics Containing Electric Arc Furnace Steel Slags. Advances in Materials Science and Engineering, 2016, 2016, 1-11.	1.8	15
18	Laboratory Study to Evaluate the Influence of Reclaimed Asphalt Content on Performance of Recycled Porous Asphalt. Journal of Testing and Evaluation, 2015, 43, 20140024.	0.7	15

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19	Towards very high RAP content asphalt mixes: A comprehensive performance-based study of rejuvenated binders. Journal of Traffic and Transportation Engineering (English Edition), 2021, 8, 1022-1035.	4.2	14
20	Optimization of Geocomposites for Double-Layered Bituminous Systems. RILEM Bookseries, 2012, , 1229-1239.	0.4	13
21	Laboratory evaluation of the effect of low-temperature application of warm-mix asphalts on interface shear strength. Construction and Building Materials, 2015, 88, 56-63.	7.2	12
22	Innovative composite materials as reinforcing interlayer systems for asphalt pavements: an experimental study. Road Materials and Pavement Design, 2019, 20, S617-S631.	4.0	12
23	RILEM TC 279 WMR round robin study on waste polyethylene modified bituminous binders: advantages and challenges. Road Materials and Pavement Design, 2023, 24, 311-339.	4.0	11
24	Innovative pavement surfaces as urban heat islands mitigation strategy: chromatic, thermal and mechanical characterisation of clear/coloured mixtures. Road Materials and Pavement Design, 2019, 20, S533-S555.	4.0	10
25	Effect of Aging on the Rheological Properties of Blends of Virgin and Rejuvenated RA Binders. RILEM Bookseries, 2022, , 3-10.	0.4	6
26	Effectiveness of Rejuvenators for Asphalt Mixtures with High Reclaimed Asphalt Pavement Content in Cold Climates. Lecture Notes in Civil Engineering, 2020, , 3-13.	0.4	6
27	Dry Addition of Recycled Waste Polyethylene in Asphalt Mixtures: A Laboratory Study. Materials, 2022, 15, 4739.	2.9	6
28	Aesthetic and Mechanical Suitability of a Clear Synthetic Resin as a Unconventional Binder for Road Pavements. Advances in Materials Science and Engineering, 2019, 2019, 1-15.	1.8	5
29	An Interlaboratory Test Program on the Extensive Use of Waste Aggregates in Asphalt Mixtures: Preliminary Steps. RILEM Bookseries, 2022, , 215-221.	0.4	5
30	Influence of Curing on the Mechanical Properties of Cement-Bitumen Treated Materials Using Foamed Bitumen: An Interlaboratory Test Program. Lecture Notes in Civil Engineering, 2020, , 55-65.	0.4	5
31	Advanced Characterization of Clear Chip Seals. Journal of Testing and Evaluation, 2014, 42, 1213-1227.	0.7	5
32	Preliminary Validation of Steel Slag-Aggregate Concrete for Rigid Pavements: A Full-Scale Study. Infrastructures, 2021, 6, 64.	2.8	4
33	Effect of Warm Mix Chemical Additives on the Binder-Aggregate Bond Strength and High-Service Temperature Performance of Asphalt Mixes Containing Electric Arc Furnace Steel Slag. RILEM Bookseries, 2016, , 485-496.	0.4	3
34	Mix design and preliminary validation of sustainable asphalt concrete manufactured with electric arc and ladle furnace steel slags. , 2018, , .		3
35	Influence of the Production Temperature on the Optimization Process of Asphalt Mixes Prepared with Steel Slag Aggregates Only. Lecture Notes in Civil Engineering, 2020, , 214-223.	0.4	3
36	A Rheological Study on Rejuvenated Binder Containing Very High Content of Aged Bitumen. RILEM Bookseries, 2019, , 183-188.	0.4	2

#	Article	IF	CITATIONS
37	Investigation of the causes of runway excursions. , 2017, , 127-134.		2
38	Machine learning techniques to estimate the degree of binder activity of reclaimed asphalt pavement. Materials and Structures/Materiaux Et Constructions, 2022, 55, .	3.1	2
39	Geocomposite-Reinforcement of Polymer-Modified Asphalt Systems. RILEM Bookseries, 2016, , 383-395.	0.4	1
40	High albedo pavement materials. , 2021, , 15-32.		1
41	Preliminary investigation of mechanical and functional properties of colored asphalt pavement surfaces. , 2018, , .		1
42	The use of electric arc furnace slag in bituminous pavements. , 2019, , .		1
43	Cold recycling of reclaimed asphalt: analysis of alternative procedures. , 2019, , 551-559.		1