

Emiliano Pasquini

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

853
citations

586496

16
h-index

563245

28
g-index

48
all docs

48
docs citations

48
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable solutions for road pavements: A multi-scale characterization of warm mix asphalts containing steel slags. <i>Journal of Cleaner Production</i> , 2017, 166, 835-843.	4.6	101
2	Experimental evaluation of the influence of surface coating on fiberglass geogrid performance in asphalt pavements. <i>Geotextiles and Geomembranes</i> , 2012, 34, 11-18.	2.3	72
3	Experimental characterization of high-performance fiber-reinforced cold mix asphalt mixtures. <i>Construction and Building Materials</i> , 2014, 57, 117-125.	3.2	66
4	Performance and Durability of Porous Asphalt Mixtures Manufactured Exclusively with Electric Steel Slags. <i>Materials</i> , 2019, 12, 3306.	1.3	55
5	Laboratory characterisation and field validation of geogrid-reinforced asphalt pavements. <i>Road Materials and Pavement Design</i> , 2013, 14, 17-35.	2.0	53
6	Analysis of water and thermal sensitivity of open graded asphalt rubber mixtures. <i>Construction and Building Materials</i> , 2010, 24, 283-291.	3.2	52
7	Performance evaluation of gap graded Asphalt Rubber mixtures. <i>Construction and Building Materials</i> , 2011, 25, 2014-2022.	3.2	46
8	Structural response of grid-reinforced bituminous pavements. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014, 47, 1391-1408.	1.3	39
9	Improved durability of recycled porous asphalt. <i>Construction and Building Materials</i> , 2013, 48, 755-763.	3.2	36
10	Recommendation of RILEM TC 264 RAP on the evaluation of asphalt recycling agents for hot mix asphalt. <i>Materials and Structures/Materiaux Et Constructions</i> , 2022, 55, 1.	1.3	31
11	Geocomposites against reflective cracking in asphalt pavements: laboratory simulation of a field application. <i>Road Materials and Pavement Design</i> , 2015, 16, 815-835.	2.0	26
12	Laboratory characterisation of optimised geocomposites for asphalt pavement reinforcement. <i>Geosynthetics International</i> , 2014, 21, 24-36.	1.5	24
13	Performance-Based Characterization of Bituminous Mortars Prepared With Ladle Furnace Steel Slag. <i>Sustainability</i> , 2020, 12, 1777.	1.6	22
14	An Application to the European Practice of the Bailey Method for HMA Aggregate Grading Design. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 53, 990-999.	0.5	21
15	Use of Reclaimed Asphalt in Porous Asphalt Mixtures: Laboratory and Field Evaluations. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	1.3	20
16	Resilient behaviour of unbound granular materials through repeated load triaxial test: influence of the conditioning stress. <i>Road Materials and Pavement Design</i> , 2015, 16, 70-88.	2.0	19
17	Rheological Characterization of Warm-Modified Asphalt Mastics Containing Electric Arc Furnace Steel Slags. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-11.	1.0	15
18	Laboratory Study to Evaluate the Influence of Reclaimed Asphalt Content on Performance of Recycled Porous Asphalt. <i>Journal of Testing and Evaluation</i> , 2015, 43, 20140024.	0.4	15

#	ARTICLE	IF	CITATIONS
19	Towards very high RAP content asphalt mixes: A comprehensive performance-based study of rejuvenated binders. <i>Journal of Traffic and Transportation Engineering (English Edition)</i> , 2021, 8, 1022-1035.	2.0	14
20	Optimization of Geocomposites for Double-Layered Bituminous Systems. <i>RILEM Bookseries</i> , 2012, , 1229-1239.	0.2	13
21	Laboratory evaluation of the effect of low-temperature application of warm-mix asphalts on interface shear strength. <i>Construction and Building Materials</i> , 2015, 88, 56-63.	3.2	12
22	Innovative composite materials as reinforcing interlayer systems for asphalt pavements: an experimental study. <i>Road Materials and Pavement Design</i> , 2019, 20, S617-S631.	2.0	12
23	RILEM TC 279 WMR round robin study on waste polyethylene modified bituminous binders: advantages and challenges. <i>Road Materials and Pavement Design</i> , 2023, 24, 311-339.	2.0	11
24	Innovative pavement surfaces as urban heat islands mitigation strategy: chromatic, thermal and mechanical characterisation of clear/coloured mixtures. <i>Road Materials and Pavement Design</i> , 2019, 20, S533-S555.	2.0	10
25	Effect of Aging on the Rheological Properties of Blends of Virgin and Rejuvenated RA Binders. <i>RILEM Bookseries</i> , 2022, , 3-10.	0.2	6
26	Effectiveness of Rejuvenators for Asphalt Mixtures with High Reclaimed Asphalt Pavement Content in Cold Climates. <i>Lecture Notes in Civil Engineering</i> , 2020, , 3-13.	0.3	6
27	Dry Addition of Recycled Waste Polyethylene in Asphalt Mixtures: A Laboratory Study. <i>Materials</i> , 2022, 15, 4739.	1.3	6
28	Aesthetic and Mechanical Suitability of a Clear Synthetic Resin as a Unconventional Binder for Road Pavements. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-15.	1.0	5
29	An Interlaboratory Test Program on the Extensive Use of Waste Aggregates in Asphalt Mixtures: Preliminary Steps. <i>RILEM Bookseries</i> , 2022, , 215-221.	0.2	5
30	Influence of Curing on the Mechanical Properties of Cement-Bitumen Treated Materials Using Foamed Bitumen: An Interlaboratory Test Program. <i>Lecture Notes in Civil Engineering</i> , 2020, , 55-65.	0.3	5
31	Advanced Characterization of Clear Chip Seals. <i>Journal of Testing and Evaluation</i> , 2014, 42, 1213-1227.	0.4	5
32	Preliminary Validation of Steel Slag-Aggregate Concrete for Rigid Pavements: A Full-Scale Study. <i>Infrastructures</i> , 2021, 6, 64.	1.4	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. <i>RILEM Bookseries</i> , 2016, , 485-496.	0.2	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. <i>Lecture Notes in Civil Engineering</i> , 2020, , 214-223.	0.3	3
36	A Rheological Study on Rejuvenated Binder Containing Very High Content of Aged Bitumen. <i>RILEM Bookseries</i> , 2019, , 183-188.	0.2	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, .	1.3	2
39	Geocomposite-Reinforcement of Polymer-Modified Asphalt Systems. RILEM Bookseries, 2016, , 383-395.	0.2	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