

Giovanni Giacomello

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

540
citations

1051969

10
h-index

889612

19
g-index

32
all docs

32
docs citations

32
times ranked

678
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct ink writing of geopolymeric inks. Journal of the European Ceramic Society, 2017, 37, 2481-2489.	2.8	119
2	Sustainable solutions for road pavements: A multi-scale characterization of warm mix asphalts containing steel slags. Journal of Cleaner Production, 2017, 166, 835-843.	4.6	101
3	Novel "inorganic gel casting"™ process for the manufacturing of glass foams. Journal of the European Ceramic Society, 2017, 37, 2227-2234.	2.8	76
4	Dimensional stability of electric arc furnace slag in civil engineering applications. Journal of Cleaner Production, 2018, 205, 599-609.	4.6	58
5	Direct ink writing of porous titanium (Ti6Al4V) lattice structures. Materials Science and Engineering C, 2019, 103, 109794.	3.8	50
6	Integrated railway design using Infrastructure-Building Information Modeling. The case study of the port of Venice. Transportation Research Procedia, 2020, 45, 850-857.	0.8	18
7	Rheological Characterization of Warm-Modified Asphalt Mastics Containing Electric Arc Furnace Steel Slags. Advances in Materials Science and Engineering, 2016, 2016, 1-11.	1.0	15
8	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.	2.0	14
9	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.	3.2	12
10	Innovative composite materials as reinforcing interlayer systems for asphalt pavements: an experimental study. Road Materials and Pavement Design, 2019, 20, S617-S631.	2.0	12
11	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.	2.0	10
12	Effectiveness of Rejuvenators for Asphalt Mixtures with High Reclaimed Asphalt Pavement Content in Cold Climates. Lecture Notes in Civil Engineering, 2020, , 3-13.	0.3	6
13	Recycling bituminous shingles in cold mix asphalt for high-performance patching repair of road pavements. , 2019, , 627-634.		6
14	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.	1.0	5
15	An Interlaboratory Test Program on the Extensive Use of Waste Aggregates in Asphalt Mixtures: Preliminary Steps. RILEM Bookseries, 2022, , 215-221.	0.2	5
16	Experimental Analysis of Waterproofing Polymeric Pavements for Concrete Bridge Decks. International Journal on Pavement Engineering & Asphalt Technology, 2014, 15, .	0.4	4
17	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.	0.2	3
18	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.	0.3	3

#	ARTICLE	IF	CITATIONS
19	A Rheological Study on Rejuvenated Binder Containing Very High Content of Aged Bitumen. RILEM Bookseries, 2019, , 183-188.	0.2	2
20	Investigation of the causes of runway excursions. , 2017, , 127-134.		2
21	Recycling construction and demolition wastes within hydraulically bound mixtures for road pavements. , 2021, , .		2
22	High albedo pavement materials. , 2021, , 15-32.		1
23	Integrated ND methodologies for the evaluation of the adhesion of frescoes on stone masonry walls. , 2015, , 505-510.		1
24	Preliminary investigation of mechanical and functional properties of colored asphalt pavement surfaces. , 2018, , .		1
25	Cold recycling of reclaimed asphalt: analysis of alternative procedures. , 2019, , 551-559.		1
26	Evaluation of cracking resistance of Superpave mixtures in Kansas. , 2014, , 873-882.		0
27	High-performance synthetic microfibers for the structural reinforcement of hot mix asphalts. , 2017, , 1183-1189.		0