Sergio Angulo

List of Publications by Year in descending order

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SERCIO ANCILLO

#	Article	IF	CITATIONS
1	The role of calcium silicates and quicklime on the reactivity of rehydrated cements. Construction and Building Materials, 2022, 340, 127625.	7.2	10
2	Strength Variability and Its Relationship with Microstructure of Coarse Granite Aggregates. ACI Materials Journal, 2022, , .	0.2	0
3	Probabilistic functions of mechanical properties of plain cement pastes determined by a reduced-size test. Construction and Building Materials, 2021, 286, 122907.	7.2	3
4	Roughness of natural aggregates by interferometry and its microstructure. Construction and Building Materials, 2021, 297, 123646.	7.2	5
5	Use of a 3D Structured-Light Scanner to Determine Volume, Surface Area, and Shape of Aggregates. Journal of Materials in Civil Engineering, 2021, 33, .	2.9	8
6	Probability distributions of mechanical properties of natural aggregates using a simple method. Construction and Building Materials, 2020, 233, 117269.	7.2	10
7	Reuse of fines from ready-mix concrete washing slurries. Resources, Conservation and Recycling, 2020, 155, 104653.	10.8	5
8	Weibull Probabilistic Analyses on Tensile Strength of Limestone Calcined Clay (LC3) and Portland Cement Pastes. RILEM Bookseries, 2020, , 417-424.	0.4	1
9	Concrete aggregates properties crushed by jaw and impact secondary crushing. Journal of Materials Research and Technology, 2019, 8, 494-502.	5.8	41
10	Improved method to measure the strength and elastic modulus of single aggregate particles. Materials and Structures/Materiaux Et Constructions, 2019, 52, 1.	3.1	8
11	Characterization flowchart for assessing the potential reuse of excavation soils in Sao Paulo city. Journal of Cleaner Production, 2019, 240, 118215.	9.3	23
12	Dehydration and Rehydration of Blast Furnace Slag Cement. Journal of Materials in Civil Engineering, 2019, 31, .	2.9	27
13	Factors influencing temporary wood waste generation in high-rise building construction. Waste Management, 2018, 78, 446-455.	7.4	24
14	Roughness, wettability and water absorption of water repellent treated recycled aggregates. Construction and Building Materials, 2017, 146, 502-513.	7.2	57
15	Measuring the water absorption of recycled aggregates, what is the best practice for concrete production?. Construction and Building Materials, 2016, 123, 690-703.	7.2	55
16	Rapid method for measuring the water absorption of recycled aggregates. Materials and Structures/Materiaux Et Constructions, 2016, 49, 4069-4084.	3.1	12
17	Treatments on CDW Recycled Aggregates Surface Using Silane-Based Water Repellent. Key Engineering Materials, 2015, 668, 197-206.	0.4	2
18	Obtenção de concreto leve utilizando agregados reciclados. Ambiente ConstruÃdo, 2015, 15, 31-46.	0.4	9

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#	Article	IF	CITATIONS
19	Concretos secos produzidos com agregados reciclados de RCD separados por densidade. Ambiente ConstruÃdo, 2015, 15, 335-349.	0.4	5
20	Comminution and sizing processes of concrete block waste as recycled aggregates. Waste Management, 2015, 45, 171-179.	7.4	30
21	Energy and CO2 from high performance recycled aggregate production. Resources, Conservation and Recycling, 2014, 90, 21-33.	10.8	114
22	Production of recycled sand from construction and demolition waste. Construction and Building Materials, 2013, 40, 1168-1173.	7.2	95
23	Separability studies of construction and demolition waste recycled sand. Waste Management, 2013, 33, 656-662.	7.4	61
24	Separação óptica do material cerâmico dos agregados mistos de resÃduos de construção e demolição. Ambiente ConstruÃdo, 2013, 13, 61-73.	0.4	9
25	Use of Fine Fraction. RILEM State-of-the-Art Reports, 2013, , 195-227.	0.7	1
26	ResÃduos de construção e demolição: avaliação de métodos de quantificação. Engenharia Sanitaria Ambiental, 2011, 16, 299-306.	Е _{0.5}	13
27	On the classification of mixed construction and demolition waste aggregate by porosity and its impact on the mechanical performance of concrete. Materials and Structures/Materiaux Et Constructions, 2010, 43, 519-528.	3.1	75
28	Composição quÃmica de agregados mistos de resÃduos de construção e demolição do Estado de São Paulo. Revista Escola De Minas, 2010, 63, 339-346.	0.1	11
29	Chemical–mineralogical characterization of C&D waste recycled aggregates from São Paulo, Brazil. Waste Management, 2009, 29, 721-730.	7.4	95
30	Determination of construction and demolition recycled aggregates composition, in considering their heterogeneity. Materials and Structures/Materiaux Et Constructions, 2009, 42, 739-748.	3.1	13
31	Building Design and Construction Process Influence in Construction Waste Generation. Key Engineering Materials, 0, 668, 297-303.	0.4	2
32	Rehydration of katoite as a layered double hydroxide: an in situ study. RILEM Technical Letters, 0, 6, 8-16.	0.0	5