

Sergio Angulo

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

834
citations

687335

13
h-index

501174

28
g-index

35
all docs

35
docs citations

35
times ranked

703
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Concretos secos produzidos com agregados reciclados de RCD separados por densidade. Ambiente Construído, 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 resíduos de construção e demolição. Ambiente Construído, 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	Resíduos de construção e demolição: avaliação de métodos de quantificação. Engenharia Sanitaria E Ambiental, 2011, 16, 299-306.	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 química de agregados mistos de resíduos de construção e demolição do Estado de São Paulo. Revista Escola De Minas, 2010, 63, 339-346.	0.1	11
29	Chemical and 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