Ruben Paul Borg

List of Publications by Year
in descending order

32 papers	661 citations	1040056 9 h-index	713466 21 g-index
34 all docs	34 docs citations	34 times ranked	812 citing authors

#	Article	IF	Citations
1	Experimental characterization of the self-healing capacity of cement based materials and its effects on the material performance: A state of the art report by COST Action SARCOS WG2. Construction and Building Materials, 2018, 167, 115-142.	7.2	183
2	Early age performance and mechanical characteristics of recycled PET fibre reinforced concrete. Construction and Building Materials, 2016, 108, 29-47.	7.2	138
3	Seismic Damage Assessment of Unreinforced Masonry Structures After The Abruzzo 2009 Earthquake: The Case Study of the Historical Centers of L'Aquila and Castelvecchio Subequo. International Journal of Architectural Heritage, 2013, 7, 536-578.	3.1	128
4	Crack sealing capacity in chloride-rich environments of mortars containing different cement substitutes and crystalline admixtures. Journal of Sustainable Cement-Based Materials, 2018, 7, 141-159.	3.1	60
5	Performance Assessment of Ultra-High Durability Concrete Produced From Recycled Ultra-High Durability Concrete. Frontiers in Built Environment, 2021, 7, .	2.3	16
6	The ANDROID Case Study; Venice and its Territory: Vulnerability and Resilience in Multi-hazard Scenarios. Procedia Economics and Finance, 2014, 18, 825-836.	0.6	13
7	Strategies for Waste Recycling: The Mechanical Performance of Concrete Based on Limestone and Plastic Waste. Sustainability, 2022, 14, 1706.	3.2	13
8	The Application of Lysinibacillus sphaericus for Surface Treatment and Crack Healing in Mortar. Frontiers in Built Environment, 2019, 5, .	2.3	12
9	The Influence of Crystalline Admixtures on the Properties and Microstructure of Mortar Containing By-Products. Buildings, 2020, 10, 146.	3.1	10
10	Structural investigation of Mnajdra megalithic monument in Malta. Journal of Cultural Heritage, 2020, 41, 96-105.	3.3	9
11	The application of Natural Organic Additives in Concrete: Opuntia ficus-indica.. IOP Conference Series: Materials Science and Engineering, 0, 442, 012016.	0.6	8
12	Improved non-contact variable-frequency AC impedance instrument for cement hydration and pore structure based on SVM calibration method. Measurement: Journal of the International Measurement Confederation, 2021, 179, 109402.	5.0	8
13	An Overview on H2020 Project â€œReSHEALienceâ€• IABSE Symposium Report, 2019, , .	0.0	8
14	The ANDROID case study; Venice and its territory: a general overview. Procedia Economics and Finance, 2014, 18, 837-848.	0.6	7
15	Alkali-activated blends of calcined AlF3 production waste and clay. Ceramics International, 2018, 44, 12573-12579.	4.8	7
16	Effects of climate change on structures; analysis of carbonation-induced corrosion in Reinforced Concrete Structures in Malta. IOP Conference Series: Materials Science and Engineering, 0, 442, 012023.	0.6	7
17	Earthquake and People: The Maltese Experience of the 1908 Messina Earthquake. , 2016, , 533-561.		6
18	The effects of water-cement ratio and chemical admixtures on the workability of concrete. IOP Conference Series: Materials Science and Engineering, 0, 442, 012017.	0.6	5

#	Article	IF	Citations
19	Alkali-Activated Material Based on Red Clay and Silica Gel Waste. Waste and Biomass Valorization, 2020, 11, 2973-2982.	3.4	5
20	Characterization of Libyan metakaolin and its effects on the mechanical properties of mortar. IOP Conference Series: Materials Science and Engineering, 0, 442, 012005.	0.6	4
21	Quarry limestone dust as fine aggregate for concrete. IOP Conference Series: Materials Science and Engineering, 2018, 442, 012003.	0.6	4
22	Influence of Crystallization Admixture on Mechanical Parameters and Microstructure of Polymer-Cement Mortars with Waste Limestone. Solid State Phenomena, 0, 296, 27-34.	0.3	4
23	Preliminary study on the fresh and mechanical properties of UHPC made with recycled UHPC aggregates. European Journal of Environmental and Civil Engineering, 2022, 26, 7427-7442.	2.1	2
24	The influence of sulphur slime on the properties of alkali binding material from biomass bottom ashes. IOP Conference Series: Materials Science and Engineering, 2018, 442, 012015.	0.6	1
25	Mechanical and Durability Assessment of Concretes Obtained from Recycled Ultra-High Performance Concretes. RILEM Bookseries, 2022, , 947-957.	0.4	1
26	Microscale miniaturisation of chloride ion detection sensors for longâ€term embedding in reinforced concrete structures. Structural Control and Health Monitoring, 2021, 28, e2834.	4.0	1
27	The Behaviour of Fresh Concrete with Varying Coarse Aggregate Content at the Concrete-Steel Wall Interface. Buildings, 2021, 11, 2.	3.1	1
28	The development of a seismic vulnerability assessment methodology for contemporary loadbearing masonry buildings in the Maltese Islands. International Journal of Sustainable Materials and Structural Systems, 2016, 2, 283.	0.1	0
29	Integrated GPR and passive seismic investigations at cultural heritage sites: Case studies in Malta. , 2016, , .		0
30	Georisks in the Mediterranean and their mitigation. Natural Hazards, 2017, 86, 199-202.	3.4	0
31	Chloride ion detection through the voltage response of a galvanic pair. IOP Conference Series: Materials Science and Engineering, 2018, 442, 012020.	0.6	0
32	The development of inter-regional and intra-regional cooperation frameworks for multi-hazard early warning systems in South and South-East Asia. International Journal of Disaster Resilience in the Built Environment, 2021, 12, 265-279.	1.2	0