

Walid Maherzi

List of Publications by Year in descending order

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249
citing authors

#	ARTICLE	IF	CITATIONS
1	Valorization of Dredged Sediments in Manufacturing Compressed Earth Blocks Stabilized by Alkali-Activated Fly Ash Binder. <i>Buildings</i> , 2022, 12, 419.	3.1	4
2	Compressed Earth Blocks Using Sediments and Alkali-Activated Byproducts. <i>Sustainability</i> , 2022, 14, 3158.	3.2	3
3	Formulation of Compressed Earth Blocks Stabilized by Glass Waste Activated with NaOH Solution. <i>Sustainability</i> , 2022, 14, 102.	3.2	6
4	Performance of Lightweight Aggregates Comprised of Sediments and Thermoplastic Waste. <i>Waste and Biomass Valorization</i> , 2021, 12, 515-530.	3.4	8
5	Use of residual waste glass in an alkali-activated binder – Structural characterization, environmental leaching behavior and comparison of reactivity. <i>Journal of Building Engineering</i> , 2021, 34, 101903.	3.4	11
6	Manufacturing of Low-Carbon Binders Using Waste Glass and Dredged Sediments: Formulation and Performance Assessment at Laboratory Scale. <i>Sustainability</i> , 2021, 13, 4960.	3.2	9
7	Mechanical Properties and Microstructure of Low Carbon Binders Manufactured from Calcined Canal Sediments and Ground Granulated Blast Furnace Slag (GGBS). <i>Sustainability</i> , 2021, 13, 9057.	3.2	13
8	Optimization of an Eco-Friendly Hydraulic Road Binders Comprising Clayey Dam Sediments and Ground Granulated Blast-Furnace Slag. <i>Buildings</i> , 2021, 11, 443.	3.1	9
9	Modified Red Muds and Slag Based Hydraulic Binders for Zn Removal: A Matrix-Spiking Approach Applied on Clayey Sediments. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1189.	2.0	2
10	Study of the polymer mortar based on dredged sediments and epoxy resin: Effect of the sediments on the behavior of the polymer mortar. <i>Powder Technology</i> , 2020, 361, 968-982.	4.2	20
11	Effect of basalt fiber inclusion on the mechanical properties and microstructure of cement-solidified kaolinite. <i>Construction and Building Materials</i> , 2020, 241, 118085.	7.2	56
12	New software for the optimization of the formulation and the treatment of dredged sediments for utilization in civil engineering. <i>Journal of Soils and Sediments</i> , 2020, 20, 2709-2716.	3.0	6
13	A comparative study of natural Tunisian clay types in the formulation of compacted earth blocks. <i>Journal of African Earth Sciences</i> , 2019, 160, 103620.	2.0	15
14	Eco-friendly polymers mortar for floor covering based on dredged sediments of the north of France. <i>Journal of Material Cycles and Waste Management</i> , 2019, 21, 861-871.	3.0	10
15	Study of the impact of waste glasses types on pozzolanic activity of cementitious matrix. <i>Construction and Building Materials</i> , 2019, 197, 626-640.	7.2	23
16	Beneficial reuse of Brest-Harbor (France)-dredged sediment as alternative material in road building: laboratory investigations. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 566-580.	2.2	27
17	Formulation of mortars based on thermally treated sediments. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 592-603.	3.0	19
18	A laboratory-scale experimental investigation on the reuse of a modified red mud in ceramic materials production. <i>Construction and Building Materials</i> , 2018, 163, 21-31.	7.2	40

#	ARTICLE	IF	CITATIONS
19	A bibliography on the analytical model of the mechanical behaviour in uniaxial tension of fibre concrete: Application to concrete reinforced with fibres and powders from recycling of thermoset composite materials. <i>Construction and Building Materials</i> , 2017, 131, 214-228.	7.2	3
20	Trace element mobility in a polluted marine sediment after stabilisation with hydraulic binders. <i>Marine Pollution Bulletin</i> , 2016, 110, 401-408.	5.0	14
21	Dredged Marine Sediments Geotechnical Characterisation for Their Reuse in Road Construction. <i>Engineering Journal</i> , 2014, 18, 27-37.	1.0	13