

# Pablo Tamayo Castañeda

## List of Publications by Year in descending order

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134  
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#	ARTICLE	IF	CITATIONS
1	High Performance Self-Compacting Concrete with Electric Arc Furnace Slag Aggregate and Cupola Slag Powder. Applied Sciences (Switzerland), 2020, 10, 773.	2.5	46
2	Effect of elevated temperature on the mechanical properties and microstructure of heavy-weight magnetite concrete with steel fibers. Cement and Concrete Composites, 2019, 103, 80-88.	10.7	43
3	Mechanical and Durability Properties of Concrete with Coarse Recycled Aggregate Produced with Electric Arc Furnace Slag Concrete. Applied Sciences (Switzerland), 2020, 10, 216.	2.5	35
4	Durability of high-performance self-compacted concrete using electric arc furnace slag aggregate and cupola slag powder. Cement and Concrete Composites, 2022, 127, 104399.	10.7	32
5	Design and Gamma-Ray Attenuation Features of New Concrete Materials for Low- and Moderate-Photons Energy Protection Applications. Materials, 2022, 15, 4947.	2.9	24
6	Radiation shielding properties of siderurgical aggregate concrete. Construction and Building Materials, 2022, 319, 126098.	7.2	23
7	Performance of newly developed concretes incorporating WO <sub>3</sub> and barite as radiation shielding material. Journal of Materials Research and Technology, 2022, 19, 4103-4114.	5.8	15
8	Neutron shielding concrete incorporating B <sub>4</sub> C and PVA fibers exposed to high temperatures. Journal of Building Engineering, 2019, 26, 100859.	3.4	11
9	Effect of high temperature and accelerated aging in high density micro-concrete. Construction and Building Materials, 2021, 272, 121920.	7.2	10
10	Siderurgical Aggregate Cement-Treated Bases and Concrete Using Foundry Sand. Applied Sciences (Switzerland), 2021, 11, 435.	2.5	10
11	Durability aspects in self-compacting siderurgical aggregate concrete. Journal of Building Engineering, 2021, 39, 102268.	3.4	8
12	Viability of Cupola Slag as an Alternative Eco-Binder and Filler in Concrete and Mortars. Applied Sciences (Switzerland), 2021, 11, 1957.	2.5	6
13	Recycled Polyethylene Fibres for Structural Concrete. Applied Sciences (Switzerland), 2022, 12, 2867.	2.5	5
14	Bending behavior of ecological fiber reinforced concrete. , 2022, , 383-406.		0