

# Francisco Castellanos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5843034/publications.pdf>

Version: 2024-02-01

13  
papers

104  
citations

1478505

6  
h-index

1372567

10  
g-index

13  
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13  
docs citations

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times ranked

122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbonation of high-calcium lime mortars containing cactus mucilage as additive: a spectroscopic approach. <i>Journal of Materials Science</i> , 2021, 56, 3778-3789.	3.7	4
2	Unilateral low-field magnetic resonance measurements of carbonation depth in unsaturated and saturated Portland cement mortars. <i>Cement and Concrete Research</i> , 2020, 138, 106237.	11.0	6
3	Ultrasonic phase velocity of carbonated cement paste probes. <i>Applied Acoustics</i> , 2019, 154, 129-134.	3.3	4
4	Ultrasonic Detection of Chloride Ions and Chloride Binding in Portland Cement Pastes. <i>International Journal of Concrete Structures and Materials</i> , 2018, 12, .	3.2	11
5	Carbonation front in cement paste detected by T 2 NMR measurements using a low field unilateral magnet. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	3.1	19
6	Ultrasound frequency analysis for identification of aggregates and cement paste in concrete. <i>Ultrasonics</i> , 2017, 73, 88-95.	3.9	12
7	Dynamics and acoustic energy dissipation in conical bubble collapse. <i>International Journal of Multiphase Flow</i> , 2015, 76, 86-100.	3.4	0
8	Damage severity estimation of an elastoplastic single-degree-of-freedom oscillator from its ground and response accelerations. <i>Structural Control and Health Monitoring</i> , 2014, 21, 1-22.	4.0	3
9	Experimental culture of the river prawn <i>Macrobrachium americanum</i> larvae (Bate, 1868), with emphasis on feeding and stocking density effect on survival. <i>Latin American Journal of Aquatic Research</i> , 2013, 41, 793-800.	0.6	12
10	Assessing corrosion risk in reinforced concrete using wavelets. <i>Corrosion Science</i> , 2010, 52, 555-561.	6.6	11
11	Interactive Effects of Fly Ash and CNI on Corrosion of Reinforced High-Performance Concrete. <i>Materials and Structures/Materiaux Et Constructions</i> , 2007, 39, 201-210.	3.1	5
12	Occupancy importance factor in earthquake engineering. <i>Engineering Structures</i> , 2005, 27, 1625-1632.	5.3	14
13	Optimum seismic zoning for multiple types of structures. <i>Earthquake Engineering and Structural Dynamics</i> , 2003, 32, 711-730.	4.4	3