

# Esperanza Menendez

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

477  
citations

933447

10  
h-index

677142

22  
g-index

29  
all docs

29  
docs citations

29  
times ranked

539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydration and carbonation of monoclinic C2S and C3S studied by Raman spectroscopy. Journal of Raman Spectroscopy, 2007, 38, 61-67.	2.5	110
2	Use of ground coal bottom ash as cement constituent in concretes exposed to chloride environments. Journal of Cleaner Production, 2018, 170, 25-33.	9.3	95
3	Coal Bottom Ash for Portland Cement Production. Advances in Materials Science and Engineering, 2017, 2017, 1-7.	1.8	53
4	New methodology for assessing the environmental burden of cement mortars with partial replacement of coal bottom ash and fly ash. Journal of Environmental Management, 2014, 133, 275-283.	7.8	43
5	Sulfate Attack of Concrete. RILEM State-of-the-Art Reports, 2013, , 7-74.	0.7	21
6	Use of decomposition of portlandite in concrete fire as indicator of temperature progression into the material. Journal of Thermal Analysis and Calorimetry, 2012, 110, 203-209.	3.6	20
7	Sustainable and Durable Performance of Pozzolanic Additions to Prevent Alkali-Silica Reaction (ASR) Promoted by Aggregates with Different Reaction Rates. Applied Sciences (Switzerland), 2020, 10, 9042.	2.5	18
8	Synthesis and characterization of electroceramics with magnetoelectric properties. Journal of the European Ceramic Society, 2007, 27, 3663-3666.	5.7	17
9	Radioactively Contaminated Electric Arc Furnace Dust as an Addition to the Immobilization Mortar in Low- and Medium-Activity Repositories. Environmental Science & Technology, 2004, 38, 2946-2952.	10.0	13
10	Study of dehydration and rehydration processes of portlandite in mature and young cement pastes. Journal of Thermal Analysis and Calorimetry, 2012, 110, 443-450.	3.6	12
11	Recent Advances in Coal Bottom Ash Use as a New Common Portland Cement Constituent. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2014, 24, 503-508.	0.8	10
12	Internal Deterioration of Mortars in Freeze-Thawing: Non-Destructive Evaluation by Means of Electrical Impedance. Advanced Materials Research, 0, 68, 1-11.	0.3	9
13	Alkali release from aggregates: contribution to ASR. Proceedings of Institution of Civil Engineers: Construction Materials, 2016, 169, 206-214.	1.1	8
14	Chloride Induced Reinforcement Corrosion in Mortars Containing Coal Bottom Ash and Coal Fly Ash. Materials, 2019, 12, 1933.	2.9	8
15	SYNTHESIS AND CHARACTERIZATION OF NICKEL FERRITE-BARIUM TITANATE CERAMIC COMPOSITES. Integrated Ferroelectrics, 2008, 101, 22-28.	0.7	7
16	Alternative Supplementary Cementitious Materials. RILEM State-of-the-Art Reports, 2018, , 233-282.	0.7	7
17	Recommendation of RILEM TC 258-AAA: RILEM AAR-8: determination of potential releasable alkalis by aggregates in concrete. Materials and Structures/Materiaux Et Constructions, 2021, 54, 1.	3.1	6
18	Analysis of the behaviour of the structural concrete after the fire at the Windsor Building in Madrid. Fire and Materials, 2010, 34, 95-107.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Durability of Blended Cements Made with Reactive Aggregates. <i>Materials</i> , 2021, 14, 2948.	2.9	4
20	Reactivity of Ground Coal Bottom Ash to Be Used in Portland Cement. <i>J</i> , 2021, 4, 223-232.	0.9	4
21	Title is missing!. <i>Journal of Materials Science: Materials in Electronics</i> , 1997, 8, 327-331.	2.2	2
22	Assessment of Damage and Expansion. <i>RILEM State-of-the-Art Reports</i> , 2021, , 15-40.	0.7	2
23	Induced Phase Transition in Piezoelectric Ceramics by Means of Electromechanical Resonance. <i>Ferroelectrics</i> , 2006, 336, 209-216.	0.6	1
24	STUDY OF MISCIBILITY IN MIXED SYSTEMS OF PRESINTERED PZT. <i>Integrated Ferroelectrics</i> , 2008, 101, 80-88.	0.7	1
25	Evaluation and Gradation of Simultaneous Damage in Concrete Affected by Alkali-Silica Reaction and Sulfate Attack. <i>International Journal on Engineering Applications</i> , 2019, 7, 1.	0.1	1
26	The nature and phase transition FRLâ€“FRH in PZT doped with Nb. <i>Journal of the European Ceramic Society</i> , 2007, 27, 4075-4079.	5.7	0
27	Advances in Coal Bottom Ash Use as a New Common Portland Cement Constituent. <i>RILEM Bookseries</i> , 2019, , 43-53.	0.4	0
28	Characterization of Mortars Made with Coal Ashes Identified as a Way Forward to Mitigate Climate Change. <i>Crystals</i> , 2022, 12, 557.	2.2	0