

# Francisca Puertas

## List of Publications by Citations

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144  
papers

7,572  
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44  
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85  
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158  
ext. papers

9,002  
ext. citations

4.8  
avg, IF

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L-index

#	Paper	IF	Citations
144	Alkali-activated fly ash/slag cements: Strength behaviour and hydration products. <i>Cement and Concrete Research</i> , <b>2000</b> , 30, 1625-1632	10.3	542
143	A model for the C-A-S-H gel formed in alkali-activated slag cements. <i>Journal of the European Ceramic Society</i> , <b>2011</b> , 31, 2043-2056	6	394
142	Chemical stability of cementitious materials based on metakaolin. <i>Cement and Concrete Research</i> , <b>1999</b> , 29, 997-1004	10.3	369
141	Alkali-activated slag mortars. <i>Cement and Concrete Research</i> , <b>1999</b> , 29, 1313-1321	10.3	368
140	Mineralogical and microstructural characterisation of alkali-activated fly ash/slag pastes. <i>Cement and Concrete Composites</i> , <b>2003</b> , 25, 287-292	8.6	264
139	Structure of Calcium Silicate Hydrates Formed in Alkaline-Activated Slag: Influence of the Type of Alkaline Activator. <i>Journal of the American Ceramic Society</i> , <b>2003</b> , 86, 1389-1394	3.8	264
138	MgO content of slag controls phase evolution and structural changes induced by accelerated carbonation in alkali-activated binders. <i>Cement and Concrete Research</i> , <b>2014</b> , 57, 33-43	10.3	242
137	Pore solution in alkali-activated slag cement pastes. Relation to the composition and structure of calcium silicate hydrate. <i>Cement and Concrete Research</i> , <b>2004</b> , 34, 139-148	10.3	217
136	Effect of shrinkage-reducing admixtures on the properties of alkali-activated slag mortars and pastes. <i>Cement and Concrete Research</i> , <b>2007</b> , 37, 691-702	10.3	213
135	Use of glass waste as an activator in the preparation of alkali-activated slag. Mechanical strength and paste characterisation. <i>Cement and Concrete Research</i> , <b>2014</b> , 57, 95-104	10.3	206
134	Mechanical and durable behaviour of alkaline cement mortars reinforced with polypropylene fibres. <i>Cement and Concrete Research</i> , <b>2003</b> , 33, 2031-2036	10.3	203
133	Waste glass in the geopolymer preparation. Mechanical and microstructural characterisation. <i>Journal of Cleaner Production</i> , <b>2015</b> , 90, 397-408	10.3	179
132	Carbonation process of alkali-activated slag mortars. <i>Journal of Materials Science</i> , <b>2006</b> , 41, 3071-3082	4.3	176
131	Polycarboxylate superplasticiser admixtures: effect on hydration, microstructure and rheological behaviour in cement pastes. <i>Advances in Cement Research</i> , <b>2005</b> , 17, 77-89	1.8	175
130	Effect of superplasticizer and shrinkage-reducing admixtures on alkali-activated slag pastes and mortars. <i>Cement and Concrete Research</i> , <b>2005</b> , 35, 1358-1367	10.3	174
129	Effect of activator mix on the hydration and strength behaviour of alkali-activated slag cements. <i>Advances in Cement Research</i> , <b>2003</b> , 15, 129-136	1.8	150
128	Ceramic wastes as alternative raw materials for Portland cement clinker production. <i>Cement and Concrete Composites</i> , <b>2008</b> , 30, 798-805	8.6	147

127	Effect of Carbonation on Alkali-Activated Slag Paste. <i>Journal of the American Ceramic Society</i> , <b>2006</b> , 89, 3211-3221	3.8	139
126	Compatibility between superplasticizer admixtures and cements with mineral additions. <i>Construction and Building Materials</i> , <b>2012</b> , 31, 300-309	6.7	135
125	Rheology of alkali-activated slag pastes. Effect of the nature and concentration of the activating solution. <i>Cement and Concrete Composites</i> , <b>2014</b> , 53, 279-288	8.6	129
124	Adsorption of superplasticizer admixtures on alkali-activated slag pastes. <i>Cement and Concrete Research</i> , <b>2009</b> , 39, 670-677	10.3	127
123	Alkali-activated slag cements: Kinetic studies. <i>Cement and Concrete Research</i> , <b>1997</b> , 27, 359-368	10.3	123
122	Compatibility between polycarboxylate-based admixtures and blended-cement pastes. <i>Cement and Concrete Composites</i> , <b>2013</b> , 35, 151-162	8.6	112
121	Setting of alkali-activated slag cement. Influence of activator nature. <i>Advances in Cement Research</i> , <b>2001</b> , 13, 115-121	1.8	111
120	Atmospheric deterioration of ancient and modern hydraulic mortars. <i>Atmospheric Environment</i> , <b>2001</b> , 35, 539-548	5.3	104
119	The alkali-silica reaction in alkali-activated granulated slag mortars with reactive aggregate. <i>Cement and Concrete Research</i> , <b>2002</b> , 32, 1019-1024	10.3	91
118	Alkali-activated Portland blast-furnace slag cement: Mechanical properties and hydration. <i>Construction and Building Materials</i> , <b>2017</b> , 140, 119-128	6.7	88
117	Alkali-activated slag concrete: Fresh and hardened behaviour. <i>Cement and Concrete Composites</i> , <b>2018</b> , 85, 22-31	8.6	77
116	Determination of Kinetic Equations of Alkaline Activation of Blast Furnace Slag by Means of Calorimetric Data. <i>Magyar Ártud Kélemlék</i> , <b>1998</b> , 52, 945-955	0	68
115	Morteros de cementos alcalinos. Resistencia química al ataque por sulfatos y al agua de mar. <i>Materiales De Construccion</i> , <b>2002</b> , 52, 55-71	1.8	66
114	Cementos de escorias activadas alcalinamente: Situación actual y perspectivas de futuro. <i>Materiales De Construccion</i> , <b>1995</b> , 45, 53-64	1.8	64
113	Metakaolin sand-blended-cement pastes: Rheology, hydration process and mechanical properties. <i>Construction and Building Materials</i> , <b>2010</b> , 24, 791-802	6.7	63
112	Waste glass as a precursor in alkaline activation: Chemical process and hydration products. <i>Construction and Building Materials</i> , <b>2017</b> , 139, 342-354	6.7	61
111	Alkali-aggregate behaviour of alkali-activated slag mortars: Effect of aggregate type. <i>Cement and Concrete Composites</i> , <b>2009</b> , 31, 277-284	8.6	57
110	Effect of PCs superplasticizers on the rheological properties and hydration process of slag-blended cement pastes. <i>Journal of Materials Science</i> , <b>2009</b> , 44, 2714-2723	4.3	54

109	Alkali-activated mortars: Workability and rheological behaviour. <i>Construction and Building Materials</i> , <b>2017</b> , 145, 576-587	6.7	50
108	Influence of the alkaline solution and temperature on the rheology and reactivity of alkali-activated fly ash pastes. <i>Cement and Concrete Composites</i> , <b>2019</b> , 95, 277-284	8.6	49
107	The effect of curing temperature on sulphate-resistant cement hydration and strength. <i>Construction and Building Materials</i> , <b>2008</b> , 22, 1331-1341	6.7	49
106	Mechanical behaviour of various mortars made by combined fly ash and limestone in Moroccan Portland cement. <i>Cement and Concrete Research</i> , <b>2002</b> , 32, 1597-1603	10.3	49
105	Alkali activated slag cements using waste glass as alternative activators. Rheological behaviour. <i>Boletín De La Sociedad Espanola De Ceramica Y Vidrio</i> , <b>2015</b> , 54, 45-57	1.9	47
104	Sodium silicate solutions from dissolution of glasswastes. Statistical analysis. <i>Materiales De Construccion</i> , <b>2014</b> , 64, e014	1.8	47
103	Quantitative study of hydration of C3S and C2S by thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2010</b> , 102, 965-973	4.1	45
102	Effect of superplasticisers on the behaviour and properties of alkaline cements. <i>Advances in Cement Research</i> , <b>2003</b> , 15, 23-28	1.8	45
101	Clinkers and cements obtained from raw mix containing ceramic waste as a raw material. Characterization, hydration and leaching studies. <i>Cement and Concrete Composites</i> , <b>2010</b> , 32, 175-186	8.6	44
100	Ceniza de cascarilla de arroz como fuente de sílice en sistemas cementicios de ceniza volante y escoria activados alcalinamente. <i>Materiales De Construccion</i> , <b>2013</b> , 63, 361-375	1.8	38
99	Comparative study of accelerated decalcification process among C3S, grey and white cement pastes. <i>Cement and Concrete Composites</i> , <b>2012</b> , 34, 384-391	8.6	34
98	Belite cements obtained from ceramic wastes and the mineral pair CaF <sub>2</sub> /CaSO <sub>4</sub> . <i>Cement and Concrete Composites</i> , <b>2011</b> , 33, 1063-1070	8.6	34
97	La activación alcalina de diferentes aluminosilicatos como una alternativa al Cemento Portland: cementos activados alcalinamente o geopolímeros. <i>Revista Ingenieria De Construccion</i> , <b>2017</b> , 32, 05-12	1	33
96	Kinetics of the thermal decomposition of C4A3S in air. <i>Cement and Concrete Research</i> , <b>1995</b> , 25, 572-580	10.3	32
95	Adsorption of PCE and PNS superplasticisers on cubic and orthorhombic C3A. Effect of sulfate. <i>Construction and Building Materials</i> , <b>2015</b> , 78, 324-332	6.7	31
94	Studies on degradation of lime mortars in atmospheric simulation chambers. <i>Cement and Concrete Research</i> , <b>1997</b> , 27, 777-784	10.3	31
93	Carbonation process and properties of a new lime mortar with added sepiolite. <i>Cement and Concrete Research</i> , <b>1995</b> , 25, 39-50	10.3	31
92	Study of synergy between a natural volcanic pozzolan and a granulated blast furnace slag in the production of geopolymeric pastes and mortars. <i>Construction and Building Materials</i> , <b>2017</b> , 157, 151-160	6.7	30

91	Olive biomass ash as an alternative activator in geopolymer formation: A study of strength, radiology and leaching behaviour. <i>Cement and Concrete Composites</i> , <b>2019</b> , 104, 103384	8.6	30
90	Viscosity and water demand of limestone- and fly ash-blended cement pastes in the presence of superplasticisers. <i>Construction and Building Materials</i> , <b>2013</b> , 48, 417-423	6.7	29
89	Performance of FA-based geopolymer concretes exposed to acetic and sulfuric acids. <i>Construction and Building Materials</i> , <b>2020</b> , 257, 119503	6.7	26
88	RILEM TC 247-DTA round robin test: mix design and reproducibility of compressive strength of alkali-activated concretes. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2019</b> , 52, 1	3.4	25
87	Quantitative analysis of mineralized white Portland clinkers: The structure of Fluorellestadite. <i>Powder Diffraction</i> , <b>2002</b> , 17, 281-286	1.8	25
86	Estabilidad de aditivos superplastificantes y reductores de la retracci3n en medios fuertemente b3sicos. <i>Materiales De Construccion</i> , <b>2004</b> , 54, 65-86	1.8	25
85	Fuerzas de repulsi3n de aditivos superplastificantes en sistemas de escoria granulada de horno alto en medios alcalinos, desde medidas de AFM a propiedades reol3gicas. <i>Materiales De Construccion</i> , <b>2012</b> , 62, 489-513	1.8	25
84	Effect of metakaolin on natural volcanic pozzolan-based geopolymer cement. <i>Applied Clay Science</i> , <b>2016</b> , 132-133, 491-497	5.2	25
83	Synthesis and crystal structure solution of potassium dawsonite: An intermediate compound in the alkaline hydrolysis of calcium aluminate cements. <i>Cement and Concrete Research</i> , <b>2005</b> , 35, 641-646	10.3	22
82	Behaviour of cement mortars containing an industrial waste from aluminium refining: Stability in Ca(OH) <sub>2</sub> solutions. <i>Cement and Concrete Research</i> , <b>1999</b> , 29, 1673-1680	10.3	21
81	Escorias de alto horno: composici3n y comportamiento hidr3ulico. <i>Materiales De Construccion</i> , <b>1993</b> , 43, 37-48	1.8	20
80	Influencia de la concentraci3n del activador sobre la cintica del proceso de activaci3n alcalina de una escoria de alto horno. <i>Materiales De Construccion</i> , <b>1997</b> , 47, 31-42	1.8	19
79	Hormig3n alternativo basado en escorias activadas alcalinamente. <i>Materiales De Construccion</i> , <b>2008</b> , 58,	1.8	19
78	Early reactivity of sodium silicate-activated slag pastes and its impact on rheological properties. <i>Cement and Concrete Research</i> , <b>2021</b> , 140, 106302	10.3	19
77	Stable Ca <sub>3</sub> SiO <sub>5</sub> solid solution containing manganese and phosphorus. <i>Cement and Concrete Research</i> , <b>1997</b> , 27, 1203-1212	10.3	18
76	Radioactivity and Pb and Ni immobilization in SCM-bearing alkali-activated matrices. <i>Construction and Building Materials</i> , <b>2018</b> , 159, 745-754	6.7	18
75	Examinations by infra-red spectroscopy for the polymorphs of dicalcium silicate. <i>Cement and Concrete Research</i> , <b>1985</b> , 15, 127-133	10.3	17
74	Influencia de aditivos basados en policarboxilatos sobre el fraguado y el comportamiento reol3gico de pastas de cemento portland. <i>Materiales De Construccion</i> , <b>2005</b> , 55, 61-73	1.8	17

73	Radiological characterization of anhydrous/hydrated cements and geopolymers. <i>Construction and Building Materials</i> , <b>2015</b> , 101, 1105-1112	6.7	16
72	Behaviour of Repair Lime Mortars by Wet Deposition Process. <i>Cement and Concrete Research</i> , <b>1998</b> , 28, 221-229	10.3	16
71	Effect of Polycarboxylate Ether Admixtures on Calcium Aluminate Cement Pastes. Part 1: Compatibility Studies. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 17323-17329	3.9	15
70	CaF <sub>2</sub> and CaSO <sub>4</sub> in white cement clinker production. <i>Advances in Cement Research</i> , <b>1997</b> , 9, 105-113	1.8	15
69	Effect of Dry Deposition of Pollutants on the Degradation of Lime Mortars with Sepiolite. <i>Cement and Concrete Research</i> , <b>1998</b> , 28, 125-133	10.3	15
68	Stability of sepiolite in neutral and alkaline media at room temperature. <i>Clay Minerals</i> , <b>1996</b> , 31, 225-232	1.3	14
67	Carbonatación de pastas de cemento de aluminato de calcio. <i>Materiales De Construccion</i> , <b>2001</b> , 51, 127-136	6.8	14
66	Decalcification of alkali-activated slag pastes. Effect of the chemical composition of the slag. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2015</b> , 48, 541-555	3.4	13
65	Performance of composites with metakaolin-blended cements. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2015</b> , 119, 851-863	4.1	12
64	Hidratación inicial del cemento. Efecto de aditivos superplastificantes. <i>Materiales De Construccion</i> , <b>2001</b> , 51, 53-61	1.8	12
63	Assessment of parameters governing the steel fiber alignment in fresh cement-based composites. <i>Construction and Building Materials</i> , <b>2019</b> , 207, 548-562	6.7	11
62	Modelling of the burnability of white cement raw mixes made with CaF <sub>2</sub> and CaSO <sub>4</sub> . <i>Cement and Concrete Research</i> , <b>1996</b> , 26, 457-464	10.3	11
61	Historical Aspects and Overview. <i>RILEM State-of-the-Art Reports</i> , <b>2014</b> , 11-57	1.3	11
60	Use of Genie 2000 and Excel VBA to correct for X-ray interference in the determination of NORM building material activity concentrations. <i>Applied Radiation and Isotopes</i> , <b>2018</b> , 142, 1-7	1.7	11
59	Other Potential Applications for Alkali-Activated Materials. <i>RILEM State-of-the-Art Reports</i> , <b>2014</b> , 339-379	3.3	10
58	Decay of Roman and repair mortars in mosaics from Italica, Spain. <i>Science of the Total Environment</i> , <b>1994</b> , 153, 123-131	10.2	10
57	From NORM by-products to building materials <b>2017</b> , 183-252		9
56	Microcalorimetric study of the effect of calcium hydroxide and temperature on the alkaline activation of coal fly ash. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 131, 2395-2410	4.1	9

55	Investigaciones en las zonas ricas en CaO del sistema CaO-SiO <sub>2</sub> -P <sub>2</sub> O <sub>5</sub> . <i>Materiales De Construccion</i> , <b>1995</b> , 45, 3-13	1.8	9
54	Procesos de activaci3n alcalino-sulf3ricos de una escoria espa3ola de alto horno. <i>Materiales De Construccion</i> , <b>1996</b> , 46, 53-65	1.8	9
53	Gamma spectrometry and LabSOCS-calculated efficiency in the radiological characterisation of quadrangular and cubic specimens of hardened portland cement paste. <i>Radiation Physics and Chemistry</i> , <b>2020</b> , 171, 108709	2.5	8
52	A method for the complete analysis of NORM building materials by X-ray spectrometry using HPGe detectors. <i>Applied Radiation and Isotopes</i> , <b>2018</b> , 134, 470-476	1.7	8
51	Effect of Polycarboxylate3ther Admixtures on Calcium Aluminate Cement Pastes. Part 2: Hydration Studies. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 17330-17340	3.9	8
50	Characterization of Ca <sub>2</sub> AlMnO <sub>5</sub> . A comparative study between Ca <sub>2</sub> AlMnO <sub>5</sub> and Ca <sub>2</sub> AlFeO <sub>5</sub> . <i>Cement and Concrete Research</i> , <b>1990</b> , 20, 429-438	10.3	8
49	Durability of Alkali-Activated Slag Concretes Prepared Using Waste Glass as Alternative Activator. <i>ACI Materials Journal</i> , <b>2015</b> , 112,	0.9	8
48	Influencia de la adici3n del BaCO <sub>3</sub> sobre la hidrataci3n del cemento portland. <i>Materiales De Construccion</i> , <b>1999</b> , 49, 43-48	1.8	8
47	M3todos y t3cnicas de caracterizaci3n de aditivos para el hormig3n. <i>Materiales De Construccion</i> , <b>2003</b> , 53, 89-105	1.8	8
46	Efecto de la temperatura de tratamiento de un caol3n en la permeabilidad a cloruros en morteros. <i>Materiales De Construccion</i> , <b>2007</b> , 57,	1.8	8
45	Caracterizaci3n textural y mec3nica de geles C-S-H formados en la hidrataci3n de muestras sint3ticas T1-C3S, C-C2S y sus mezclas. <i>Materiales De Construccion</i> , <b>2011</b> , 61, 169-183	1.8	8
44	Alkali-activated binary concrete based on a natural pozzolan: physical, mechanical and microstructural characterization. <i>Materiales De Construccion</i> , <b>2019</b> , 69, 191	1.8	8
43	From raw materials to NORM by-products <b>2017</b> , 135-182		7
42	Thaumasite formation due to atmospheric SO <sub>2</sub> 3hydraulic mortar interaction. <i>Cement and Concrete Composites</i> , <b>2003</b> , 25, 983-990	8.6	7
41	Influence of sand nature on burnability of white cement RAW mixes made using CaF <sub>2</sub> and CaSO <sub>4</sub> fluxing/mineralizer pair. <i>Cement and Concrete Research</i> , <b>1996</b> , 26, 1361-1367	10.3	7
40	Influence of KOH solution on the hydration and carbonation of high alumina cement mortars. <i>Journal of Materials Science</i> , <b>1996</b> , 31, 2819-2827	4.3	7
39	Influence of the kiln atmosphere on manganese solid solution in Ca <sub>3</sub> SiO <sub>5</sub> and Ca <sub>2</sub> SiO <sub>4</sub> . <i>Cement and Concrete Research</i> , <b>1988</b> , 18, 783-788	10.3	7
38	Elaboraci3n de un clinker bel3ico fosf3rico con C <sub>3</sub> S-L-C <sub>2</sub> S. Estudio de su actividad hidr3lica. <i>Materiales De Construccion</i> , <b>1998</b> , 48, 23-32	1.8	7

37	Cementos de escorias activados alcalinamente. Determinaci3n del grado de reacci3n. <i>Materiales De Construccion</i> , <b>2001</b> , 51, 53-66	1.8	7
36	Hydration of high alumina cement in the presence of alkalis. <i>Advances in Cement Research</i> , <b>2000</b> , 12, 143-152	1.8	6
35	Studies about a sulphate resistant cement. Influence of admixtures. <i>Cement and Concrete Research</i> , <b>1994</b> , 24, 1177-1184	10.3	6
34	Influencia de la incorporaci3n conjunta del CaF <sub>2</sub> y del CaSO <sub>4</sub> en el proceso de clinkerizaci3n. Obtenci3n de nuevos cementos. <i>Materiales De Construccion</i> , <b>1995</b> , 45, 21-39	1.8	6
33	Empleo de combustibles alternativos en la fabricaci3n de cemento. Efecto en las caracter3sticas y propiedades de los cl3keres y cementos. <i>Materiales De Construccion</i> , <b>2004</b> , 54, 51-64	1.8	6
32	Morteros de escoria activada alcalinamente reforzados con fibra de vidrio AR. Comportamiento y propiedades. <i>Materiales De Construccion</i> , <b>2006</b> , 56,	1.8	6
31	Viability of the use of construction and demolition waste aggregates in alkali-activated mortars. <i>Materiales De Construccion</i> , <b>2018</b> , 68, 164	1.8	6
30	Rheology of Cementitious Materials: Alkali-Activated Materials or Geopolymers. <i>MATEC Web of Conferences</i> , <b>2018</b> , 149, 01002	0.3	5
29	Synergy of T1-C3S and III-C2S Hydration Reactions. <i>Journal of the American Ceramic Society</i> , <b>2011</b> , 94, 1265-1271	3.8	5
28	Modification of the ferrite phase in cements by manganese substitution. <i>Advances in Cement Research</i> , <b>1987</b> , 1, 31-34	1.8	5
27	Durability and Testing 3 Degradation via Mass Transport. <i>RILEM State-of-the-Art Reports</i> , <b>2014</b> , 223-276	1.3	5
26	C-A-S-H gels formed in alkali-activated slag cement pastes. Structure and effect on cement properties and durability. <i>MATEC Web of Conferences</i> , <b>2014</b> , 11, 01002	0.3	4
25	Hydration of 4CaO Al <sub>2</sub> O <sub>3</sub> .Mn <sub>2</sub> O <sub>3</sub> in the absence and the presence of gypsum. A comparative study with the hydration of 4CaO.Al <sub>2</sub> O <sub>3</sub> .Fe <sub>2</sub> O <sub>3</sub> . <i>Cement and Concrete Research</i> , <b>1993</b> , 23, 20-32	10.3	4
24	Formaci3n de hidroxiapatita, Ca <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> OH, en presencia de silicatos. <i>Materiales De Construccion</i> , <b>1994</b> , 44, 5-13	1.8	4
23	Arena metacaol3ica. Material prometedor como adici3n al cemento Portland. <i>Materiales De Construccion</i> , <b>2010</b> , 60, 73-88	1.8	4
22	Obtenci3n de cementos bel3icos de sulfoaluminatos a partir de residuos industriales. <i>Materiales De Construccion</i> , <b>2003</b> , 53, 57-70	1.8	4
21	Radiological behaviour of pigments and water repellents in cement-based mortars. <i>Construction and Building Materials</i> , <b>2019</b> , 225, 879-885	6.7	3
20	Reuse of urban and industrial waste glass as a novel activator for alkali-activated slag cement pastes: a case study <b>2015</b> , 75-109		3



19	Influence of Accelerating Admixtures on the Reactivity of Synthetic Aluminosilicate Glasses.. <i>Materials</i> , <b>2022</b> , 15,	3.5	3
18	Técnicas y métodos más adecuados para la identificación del cemento aluminoso y de cemento de base portland en hormigones. <i>Materiales De Construccion</i> , <b>1992</b> , 42, 51-64	1.8	3
17	Nuevos avances en la carbonatación del cemento aluminoso. Hidrólisis alcalina. <i>Materiales De Construccion</i> , <b>1999</b> , 49, 47-55	1.8	3
16	Cementos petroleros con adición de escoria de horno alto. Características y propiedades. <i>Materiales De Construccion</i> , <b>2011</b> , 61, 185-211	1.8	3
15	PCE and BNS admixture adsorption in sands with different composition and particle size distribution. <i>Materiales De Construccion</i> , <b>2017</b> , 67, 121	1.8	3
14	Study of the reaction stages of alkali-activated cementitious materials using microcalorimetry. <i>Advances in Cement Research</i> , <b>2021</b> , 33, 1-13	1.8	3
13	Data on natural radionuclide activity concentration of cement-based materials. <i>Data in Brief</i> , <b>2020</b> , 33, 106488	1.2	2
12	Heat-insulating material based on cullet subjected to mechanochemical activation. <i>Glass and Ceramics (English Translation of Steklo I Keramika)</i> , <b>2010</b> , 67, 6-9	0.6	2
11	Modification on the tricalcium aluminate phase in cements by manganese substitution. <i>Cement and Concrete Research</i> , <b>1988</b> , 18, 837-842	10.3	2
10	Los revocos de Medina Azahara. Parte I: Caracterización del material y procesos de alteración. <i>Materiales De Construccion</i> , <b>1997</b> , 47, 29-43	1.8	2
9	Admixtures. <i>RILEM State-of-the-Art Reports</i> , <b>2014</b> , 145-156	1.3	2
8	Hormigones de escorias activadas alcalinamente. Comportamiento mecánico y durable. <i>Hormigon Y Acero</i> , <b>2018</b> , 69, 163-168	1	1
7	Infrared spectra experimental analyses on alkali-activated fly ash-based binders.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 269, 120698	4.4	1
6	Efecto del ZnO, ZrO <sub>2</sub> y B <sub>2</sub> O <sub>3</sub> en el proceso de clinkerización. Parte I. Reacciones de clinkerización y composición de los clínkeres. <i>Materiales De Construccion</i> , <b>2008</b> , 58,	1.8	1
5	Efecto del ZnO, ZrO <sub>2</sub> y B <sub>2</sub> O <sub>3</sub> en el proceso de clinkerización. Parte II. Metodología de separación de fases y distribución en las fases del clínker. <i>Materiales De Construccion</i> , <b>2009</b> , 59, 53-74	1.8	1
4	Rheology of Cementitious Materials: Alkali-Activated Materials or Geopolymers. <i>MATEC Web of Conferences</i> , <b>2018</b> , 149, 01002	0.3	1
3	Comportamiento mecánico de mezclas de escoria vítreo de horno alto y metacaolín activadas alcalinamente. Estudio estadístico. <i>Materiales De Construccion</i> , <b>2012</b> , 62, 163-181	1.8	1
2	Rheology of Alkali-Activated Mortars: Influence of Particle Size and Nature of Aggregates. <i>Minerals (Basel, Switzerland)</i> , <b>2020</b> , 10, 726	2.4	1

- 1 Characteristic limits of Th in alpha spectrometry with Th as tracer, calculated by simulating interfering tails and overlapping peaks. *Applied Radiation and Isotopes*, **2020**, 160, 109097

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