Moises FrÃ-as

List of Publications by Year
in descending order

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170 papers	7,595 citations	44066 48 h-index	66906 78 g-index
171 all docs	171 docs citations	171 times ranked	4304 citing authors

#	Article	IF	Citations
1	Durability of Construction and Demolition Waste-Bearing Ternary Eco-Cements. Materials, 2022, 15, 2921.	2.9	3
2	Durability of eco-efficient binary cement mortars based on ichu ash: Effect on carbonation and chloride resistance. Cement and Concrete Composites, 2022, 131, 104608.	10.7	5
3	Progress in the influence of recycled construction and demolition mineral-based blends on the physicalâ€“mechanical behaviour of ternary cementitious matrices. Construction and Building Materials, 2022, 344, 128169.	7.2	8
4	Concrete/Glass Construction and Demolition Waste (CDW) Synergies in Ternary Eco-Cement-Paste Mineralogy. Materials, 2022, 15, 4661.	2.9	7
5	Behaviour and Properties of Eco-Cement Pastes Elaborated with Recycled Concrete Powder from Construction and Demolition Wastes. Materials, 2021, 14, 1299.	2.9	38
6	Eco-efficient cement based on activated coal washing rejects with low content of kaolinite. Construction and Building Materials, 2021, 274, 122118.	7.2	13
7	Quantitative Comparison of Binary Mix of Agro-Industrial Pozzolanic Additions for Elaborating Ternary Cements: Kinetic Parameters. Materials, 2021, 14, 2944.	2.9	4
8	Exploring sulphate resistance of coal mining waste blended cements through experiments and thermodynamic modelling. Cement and Concrete Composites, 2021, 121, 104086.	10.7	11
9	Reactivity of Binary Construction and Demolition Waste Mix as Supplementary Cementitious Materials. Materials, 2021, 14, 6481.	2.9	6
10	Mineral phases in metakaolin-portlandite pastes cured 15â€¯years at 60â€Â°C. New data for scientific advancement. Applied Clay Science, 2020, 184, 105368.	5.2	4
11	Sulfate Resistance in Cements Bearing Ornamental Granite Industry Sludge. Materials, 2020, 13, 4081.	2.9	6
12	Multi-Technique Characterization of a Fine Fraction of CDW and Assessment of Reactivity in a CDW/Lime System. Minerals (Basel, Switzerland), 2020, 10, 590.	2.0	22
13	Sulfate Resistance in Cements Bearing Bottom Ash from Biomass-Fired Electric Power Plants. Applied Sciences (Switzerland), 2020, 10, 8982.	2.5	2
14	Scientific and technical studies on eco-efficient binary cements produced with thermally activated ichu grass: Behaviour and properties. Cement and Concrete Composites, 2020, 111, 103613.	10.7	8
15	Monitoring the dynamics of Portland cement hydration through photoluminescence and other correlated spectroscopy techniques. Construction and Building Materials, 2020, 252, 119073.	7.2	5
16	Fired clay-based construction and demolition waste as pozzolanic addition in cements. Design of new eco-efficient cements. Journal of Cleaner Production, 2020, 265, 121610.	9.3	34
17	Durability and chromatic behavior in cement pastes containing ceramic industry milling and glazing byâ€products. Journal of the American Ceramic Society, 2019, 102, 1971-1981.	3.8	9
18	Water transport in binary eco-cements containing coal mining waste. Cement and Concrete Composites, 2019, 104, 103373.	10.7	22

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19	Pozzolanic Reaction of a Biomass Waste as Mineral Addition to Cement Based Materials: Studies by Nuclear Magnetic Resonance (NMR). International Journal of Concrete Structures and Materials, 2019, 13, .	3.2	6
20	Reuse of coal mining waste to lengthen the service life of cementitious matrices. Cement and Concrete Composites, 2019, 99, 72-79.	10.7	26
21	Influence of ZnO on the activation of kaolinite-based coal waste: Pozzolanic activity and mineralogy in the pozzolan/lime system. Applied Clay Science, 2018, 156, 202-212.	5.2	6
22	Pozzolanic Characterization of Cuban Bamboo Leaf Ash: Calcining Temperature and Kinetic Parameters. Waste and Biomass Valorization, 2018, 9, 691-699.	3.4	22
23	Use of ceramic industry milling and glazing waste as an active addition in cement. Journal of the American Ceramic Society, 2018, 101, 2028-2037.	3.8	23
24	Ca/Si and Si/Al Ratios of Metakaolinite-Based Wastes: Their Influence on Mineralogy and Mechanical Strengths. Applied Sciences (Switzerland), 2018, 8, 480.	2.5	4
25	Hot water treatment effect in the elephant grass ashes calcinated at different temperatures. Revista Materia, 2018, 23, .	0.2	3
26	Freeze-thaw effect on the durability of binary cements containing activated coal-mining waste. Construction and Building Materials, 2018, 190, 140-149.	7.2	21
27	New developments in low clinker cement paste mineralogy. Applied Clay Science, 2018, 166, 94-101.	5.2	10
28	Evaluation of chloride transport in blended cement mortars containing coal mining waste. Construction and Building Materials, 2018, 190, 200-210.	7.2	24
29	Effect of a high content in activated carbon waste on low clinker cement microstructure and properties. Construction and Building Materials, 2018, 184, 11-19.	7.2	20
30	Coal-Mining Tailings as a Pozzolanic Material in Cements Industry. Minerals (Basel, Switzerland), 2018, 8, 46.	2.0	41
31	Carbonation-Induced Mineralogical Changes in Coal Mining Waste Blended Cement Pastes and Their Influence on Mechanical and Microporosity Properties. Minerals (Basel, Switzerland), 2018, 8, 169.	2.0	4
32	Use of clay-based construction and demolition waste as additions in the design of new low and very low heat of hydration cements. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	3.1	13
33	Aprovechamiento de un residuo del carbÃ³n para reducciÃ³n del impacto ambiental de la minerÃa del carbÃ³n en Colombia: estudio del potencial de uso en la industria del cemento. Revista CINTEX, 2018, 23, 95-102.	0.2	4
34	Advances on the development of ternary cements elaborated with biomass ashes coming from different activation process. Construction and Building Materials, 2017, 136, 73-80.	7.2	24
35	Improved interfacial transition zone between aggregate-cementitious matrix by addition sugarcane industrial ash. Cement and Concrete Composites, 2017, 80, 157-167.	10.7	47
36	Potential of the hornification treatment on eucalyptus and pine fibers for fiber-cement applications. Cellulose, 2017, 24, 2275-2286.	4.9	62

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37	Effects of calcination temperature and the addition of ZnO on coal waste activation: A mineralogical and morphological evolution. Applied Clay Science, 2017, 150, 1-9.	5.2	14
38	Sulfate Resistance in OPC and SRPC Containing Calcined Paper Sludge Waste: Ettringite or Thaumasite Formation. Journal of Materials in Civil Engineering, 2017, 29, .	2.9	5
39	The Transformation of Coal-Mining Waste Minerals in the Pozzolanic Reactions of Cements. Minerals (Basel, Switzerland), 2016, 6, 64.	2.0	22
40	Coal Mining Waste as a Future Eco-Efficient Supplementary Cementing Material: Scientific Aspects. Recycling, 2016, 1, 232-241.	5.0	10
41	The Influence of Activated Coal Mining Wastes on the Mineralogy of Blended Cement Pastes. Journal of the American Ceramic Society, 2016, 99, 300-307.	3.8	22
42	Characterization of Ceramicâ€Based Construction and Demolition Waste: Use as Pozzolan in Cements. Journal of the American Ceramic Society, 2016, 99, 4121-4127.	3.8	52
43	Clay-based construction and demolition waste as a pozzolanic addition in blended cements. Effect on sulfate resistance. Construction and Building Materials, 2016, 127, 950-958.	7.2	37
44	Investigating the possible usage of elephant grass ash to manufacture the eco-friendly binary cements. Journal of Cleaner Production, 2016, 116, 236-243.	9.3	34
45	From coal-mining waste to construction material: a study of its mineral phases. Environmental Earth Sciences, 2016, 75, 1.	2.7	16
46	Mineralogy and Microstructure of Hydrated Phases During the Pozzolanic Reaction in the Sanitary Ware Waste/Ca(<scp>OH</scp>)₂ System. Journal of the American Ceramic Society, 2016, 99, 340-348.	3.8	29
47	Durability of recycled concrete made with recycled ceramic sanitary ware aggregate. Inter-indicator relationships. Construction and Building Materials, 2016, 105, 480-486.	7.2	95
48	Fly ash/paper sludge as constituents of cements: hydration phases. Journal of Environmental Engineering and Science, 2015, 10, 46-52.	0.8	2
49	Forced Aging and Ionic Mobility of Ternary Cements Exposed to Aggressive Saline Marine Environments and Cryoclastic Processes. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	1
50	Effect of the constituents (asphalt, clay materials, floating particles and fines) of construction and demolition waste on the properties of recycled concretes. Construction and Building Materials, 2015, 79, 22-33.	7.2	84
51	Mineralogical study of calcined coal waste in a pozzolan/Ca(OH)2 system. Applied Clay Science, 2015, 108, 45-54.	5.2	30
52	Fly Ash and Paper Sludge on the Evolution of Ternary Blended Cements: Mineralogy and Hydrated Phases. Journal of Materials in Civil Engineering, 2015, 27, .	2.9	6
53	Physicalâ€“mechanical behavior of binary cements blended with thermally activated coal mining waste. Construction and Building Materials, 2015, 99, 169-174.	7.2	40
54	Paper sludge, an environmentally sound alternative source of MK-based cementitious materials. A review. Construction and Building Materials, 2015, 74, 37-48.	7.2	96

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55	Cross-Checking Different Sources of Mobility Information. PLoS ONE, 2014, 9, e105184.	2.5	106
56	Chemical and mineral transformations that occur in mine waste and washery rejects during pre-utilization calcination. International Journal of Coal Geology, 2014, 132, 123-130.	5.0	30
57	Durability of Blended Cement Pastes Containing Ceramic Waste as a Pozzolanic Addition. Journal of the American Ceramic Society, 2014, 97, 1543-1551.	3.8	33
58	Statistical downscaling of climate impact indices: testing the direct approach. Climatic Change, 2014, 127, 547-560.	3.6	28
59	INFLUENCE OF INTERFACIAL TRANSITION ZONE ON ENGINEERING PROPERTIES OF THE CONCRETE MANUFACTURED WITH RECYCLED CERAMIC AGGREGATE. Journal of Civil Engineering and Management, 2014, 21, 83-93.	3.5	32
60	Effect of sea water on calcium effective diffusion of ternary cement. Advances in Cement Research, 2014, 26, 125-136.	1.6	5
61	Sodium sulphate effect on the mineralogy of ternary blended cements elaborated with activated paper sludge and fly ash. Construction and Building Materials, 2014, 54, 313-319.	7.2	15
62	Influence of activated drinking-water treatment waste on binary cement-based composite behavior: Characterization and properties. Composites Part B: Engineering, 2014, 60, 14-20.	12.0	34
63	Aging and durability of ternary cements containing fly ash and activated paper sludge. Construction and Building Materials, 2014, 52, 253-260.	7.2	29
64	Scientific and technical aspects of blended cement matrices containing activated slate wastes. Cement and Concrete Composites, 2014, 48, 19-25.	10.7	22
65	Characterization and properties of elephant grass ashes as supplementary cementing material in pozzolan/Ca(OH)2 pastes. Construction and Building Materials, 2014, 73, 391-398.	7.2	47
66	Mineralogical and microstructural changes promoted by accelerated carbonation and ageing cycles of hybrid fiberâ€“cement composites. Construction and Building Materials, 2014, 68, 750-756.	7.2	60
67	Influence of mixed recycled aggregate on the physical â€“ mechanical properties of recycled concrete. Journal of Cleaner Production, 2014, 68, 216-225.	9.3	233
68	Leaching in concretes containing recycled ceramic aggregate from the sanitary ware industry. Journal of Cleaner Production, 2014, 66, 85-91.	9.3	30
69	From mobile phone data to the spatial structure of cities. Scientific Reports, 2014, 4, 5276.	3.3	285
70	Evolution of the pozzolanic activity of a thermally treated zeolite. Journal of Materials Science, 2013, 48, 3213-3224.	3.7	27
71	Mineralogical Evolution of Kaolinâ€Based Drinking Water Treatment Waste for Use as Pozzolanic Material. The Effect of Activation Temperature. Journal of the American Ceramic Society, 2013, 96, 3188-3195.	3.8	23
72	Sodium chloride effect on durability of ternary blended cement. Microstructural characterization and strength. Composites Part B: Engineering, 2013, 54, 163-168.	12.0	31

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73	Characterization of Algerian reservoir sludges for use as active additions in cement: New pozzolans for eco-cement manufacture. Construction and Building Materials, 2013, 40, 275-279.	7.2	33
74	Decalcification of activated paper sludge â€“ Fly ash-Portland cement blended pastes in pure water. Cement and Concrete Composites, 2013, 40, 1-6.	10.7	16
75	Properties of recycled ceramic aggregate concretes: Water resistance. Cement and Concrete Composites, 2013, 40, 21-29.	10.7	73
76	The Influence of Slate Waste Activation Conditions on Mineralogical Changes and Pozzolanic Behavior. Journal of the American Ceramic Society, 2013, 96, 2276-2282.	3.8	22
77	Rheological and calorimetric behaviour of cements blended with containing ceramic sanitary ware and construction/demolition waste. Construction and Building Materials, 2013, 40, 822-831.	7.2	91
78	Accelerated carbonation effect on behaviour of ternary Portland cements. Composites Part B: Engineering, 2013, 48, 122-128.	12.0	59
79	Effect of petroleum (pet) coke addition on the density and thermal conductivity of cement pastes and mortars. Fuel, 2013, 107, 138-146.	6.4	35
80	Seawater effect on durability of ternary cements. Synergy of chloride and sulphate ions. Composites Part B: Engineering, 2013, 46, 173-178.	12.0	73
81	The effect of binary pozzolan mix on the mineralogical changes in the ternary activated paper sludgeâ€“fly ashâ€“Ca(OH)2 system. Construction and Building Materials, 2013, 38, 48-53.	7.2	20
82	Freeze-thaw durability of recycled concrete containing ceramic aggregate. Journal of Cleaner Production, 2013, 40, 151-160.	9.3	137
83	The influence of thermal activation of art paper sludge on the technical properties of blended Portland cements. Cement and Concrete Composites, 2013, 37, 136-142.	10.7	28
84	Pozzolanic behaviour of a bagasse ash from the boiler of a Cuban sugar factory. Advances in Cement Research, 2013, 25, 136-142.	1.6	18
85	Evolution of Mineralogical Phases by ²⁷<scp><scp>Al</scp></scp> and ²⁹<scp><scp>Si</scp> NMR</scp> in <scp>MK</scp>â€<scp><scp>Ca</scp></scp>(<scp><scp>OH</scp></scp>)₂ System Cured at 60Â°C. Journal of the American Ceramic Society, 2013, 96, 2306-2310.	3.8	22
86	Characterization and properties of blended cement matrices containing activated bamboo leaf wastes. Cement and Concrete Composites, 2012, 34, 1019-1023.	10.7	97
87	Recycling petroleum coke in blended cement mortar to produce lightweight material for Impact Noise Reduction. Cement and Concrete Composites, 2012, 34, 1194-1201.	10.7	12
88	Quantitative correlations among textural characteristics of Câ€“Sâ€“H gel and mechanical properties: Case of ternary Portland cements containing activated paper sludge and fly ash. Cement and Concrete Composites, 2012, 34, 911-916.	10.7	23
89	Evolution of mineralogical phases produced during the pozzolanic reaction of different metakaolinite by-products: Influence of the activation process. Applied Clay Science, 2012, 56, 48-52.	5.2	26
90	Gas permeability in concrete containing recycled ceramic sanitary ware aggregate. Construction and Building Materials, 2012, 37, 597-605.	7.2	59

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91	Scientific Aspects of Kaolinite Based Coal Mining Wastes in Pozzolan/<scp><scp>Ca(OH)₂</scp></scp> System. Journal of the American Ceramic Society, 2012, 95, 386-391.	3.8	65
92	Changes to the Triaxial Composition of the Hydrated Phases (<scp><scp>CaO/Al₂O₃/SiO₂</scp></scp>) in the Metakaolin/Lime System. Journal of the American Ceramic Society, 2012, 95, 1118-1122.	3.8	3
93	Reuse of sanitary ceramic wastes as coarse aggregate in eco-efficient concretes. Cement and Concrete Composites, 2012, 34, 48-54.	10.7	177
94	Effect of activated coal mining wastes on the properties of blended cement. Cement and Concrete Composites, 2012, 34, 678-683.	10.7	117
95	Effect of ternary cements containing thermally activated paper sludge and fly ash on the texture of Câ€“Sâ€“H gel. Construction and Building Materials, 2012, 30, 381-388.	7.2	29
96	Microstructure and properties of recycled concretes using ceramic sanitary ware industry waste as coarse aggregate. Construction and Building Materials, 2012, 31, 112-118.	7.2	171
97	ReparaciÃ³n de revocos de morteros. Nuevos documentos normativos de AENOR. Informes De La Construccion, 2012, 64, 141-151.	0.3	0
98	Micro-Raman study of stable and metastable phases in metakaolin/Ca(OH)2 system cured at 60Â°C. Applied Clay Science, 2011, 51, 283-286.	5.2	23
99	Lower Temperature Activation for Kaolinite-Based Clay Waste: Evaluation of Hydrated Phases During the Pozzolanic Reaction. Journal of the American Ceramic Society, 2011, 94, 1224-1229.	3.8	13
100	Pozzolanic behavior of bamboo leaf ash: Characterization and determination of the kinetic parameters. Cement and Concrete Composites, 2011, 33, 68-73.	10.7	136
101	Brazilian sugar cane bagasse ashes from the cogeneration industry as active pozzolans for cement manufacture. Cement and Concrete Composites, 2011, 33, 490-496.	10.7	206
102	Development of blended cement mortars with acoustic properties using petroleum coke. Construction and Building Materials, 2011, 25, 1086-1092.	7.2	16
103	Study on the pozzolanic properties of a natural Cuban zeolitic rock by conductometric method: Kinetic parameters. Construction and Building Materials, 2011, 25, 644-650.	7.2	31
104	Pre-normative research on the use of mixed recycled aggregates in unbound road sections. Construction and Building Materials, 2011, 25, 2674-2682.	7.2	105
105	Influence of freezing test methods, composition and microstructure on frost durability assessment of clay roofing tiles. Construction and Building Materials, 2011, 25, 2888-2897.	7.2	21
106	Study of hydrated phases present in calcined paper sludge (metakaolinite)/saturated CaO dissolution system cured at 40Â°C and 28 days of reaction. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 3936-3941.	5.6	22
107	Mineralogical and chemical evolution of hydrated phases in the pozzolanic reaction of calcined paper sludge. Cement and Concrete Composites, 2010, 32, 775-782.	10.7	43
108	The White Cement Behaviour with Different Materials Addition Submitted to UltraViolet Light Exposure. Materials Science Forum, 2010, 636-637, 1228-1233.	0.3	0

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109	New Construction Materials: Calcined Paper Sludges as Active Additions. Materials Science Forum, 2010, 636-637, 1222-1227.	0.3	4
110	Influence of activation temperature of kaolinite-based clay wastes on pozzolanic activity and kinetic parameters. Advances in Cement Research, 2010, 22, 135-142.	1.6	18
111	Mineral phases in an activated kaolinitic waste blended cement system. Applied Clay Science, 2010, 50, 137-142.	5.2	20
112	Ãrido siderÃºrgico en hormigones: proceso de envejecimiento y su efecto en compuestos potencialmente expansivos. Materiales De Construccion, 2010, 60, 33-46.	0.7	31
113	Decay of pavement mortar due to thaumasite formation. Journal of Chemical Technology and Biotechnology, 2009, 84, 320-325.	3.2	8
114	Use of microâ€Raman spectroscopy to study reaction kinetics in blended white cement pastes containing metakaolin. Journal of Raman Spectroscopy, 2009, 40, 2063-2068.	2.5	39
115	Ion Mobilisation and Transport Through Cement Mortars Blended With Thermally Activated Paper Sludge in Natural Climatic Conditions. Water, Air, and Soil Pollution, 2009, 203, 39-52.	2.4	8
116	Influence of thermally activated paper sludge on the behaviour of blended cements subjected to saline and non-saline environments. Environmental Science and Pollution Research, 2009, 16, 274-277.	5.3	8
117	Novel Use of Kaolin Wastes in Blended Cements. Journal of the American Ceramic Society, 2009, 92, 2443-2446.	3.8	29
118	Influence of Activated Art Paper Sludgeâ€Lime Ratio on Hydration Kinetics and Mechanical Behavior in Mixtures Cured at 20Â°C. Journal of the American Ceramic Society, 2009, 92, 3014-3021.	3.8	17
119	Pozzolanic activity and alkaline reactivity of a mordenite-rich tuff. Microporous and Mesoporous Materials, 2009, 126, 125-132.	4.4	20
120	Random ionic mobility on blended cements exposed to aggressive environments. Journal of Hazardous Materials, 2009, 168, 1602-1608.	12.4	14
121	Effects of calcining conditions on the microstructure of sugar cane waste ashes (SCWA): Influence in the pozzolanic activation. Cement and Concrete Composites, 2009, 31, 22-28.	10.7	95
122	The influence of SiMn slag on chemical resistance of blended cement pastes. Construction and Building Materials, 2009, 23, 1472-1475.	7.2	39
123	The effect of curing temperature on white cement hydration. Construction and Building Materials, 2009, 23, 1344-1348.	7.2	42
124	Freezeâ€“thaw resistance of blended cements containing calcined paper sludge. Construction and Building Materials, 2009, 23, 2862-2868.	7.2	89
125	Mineral phases formation on the pozzolan/lime/water system. Applied Clay Science, 2009, 43, 331-335.	5.2	31
126	Effect of activation conditions of a kaolinite based waste on rheology of blended cement pastes. Cement and Concrete Research, 2009, 39, 843-848.	11.0	27

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127	Efecto de la adiciÃ³n de lodos de papel activados tÃ©rmicamente en las propiedades mecÃ¡nicas y de porosidad de pastas de cemento. Materiales De Construccion, 2009, 59, 41-52.	0.7	3
128	DiseÃ±o y prestaciones de morteros de albaÃ±ilerÃa elaborados con Ã¡ridos reciclados procedentes de escombro de hormigÃ³n. Materiales De Construccion, 2009, 59, 5-18.	0.7	81
129	Influence of the calcined paper sludge on the development of hydration heat in blended cement mortars. Journal of Thermal Analysis and Calorimetry, 2008, 92, 865-871.	3.6	44
130	Use of recycled copper slag for blended cements. Journal of Chemical Technology and Biotechnology, 2008, 83, 209-217.	3.2	55
131	The pozzolanic properties of paper sludge waste. Construction and Building Materials, 2008, 22, 1484-1490.	7.2	125
132	Mechanical expectations of a high performance concrete based on a polymer binder and reinforced with non-metallic rebars. Construction and Building Materials, 2008, 22, 2031-2041.	7.2	13
133	Effect of incorporating ferroalloy industry wastes as complementary cementing materials on the properties of blended cement matrices. Cement and Concrete Composites, 2008, 30, 212-219.	10.7	41
134	Properties of Calcined Clay Waste and its Influence on Blended Cement Behavior. Journal of the American Ceramic Society, 2008, 91, 1226-1230.	3.8	80
135	Influence of Activation Temperature on Reaction Kinetics in Recycled Clay Wasteâ€“Calcium Hydroxide Systems. Journal of the American Ceramic Society, 2008, 91, 4044-4051.	3.8	33
136	Calcination of art paper sludge waste for the use as a supplementary cementing material. Applied Clay Science, 2008, 42, 189-193.	5.2	72
137	Characterisation of calcined paper sludge as an environmentally friendly source of metakaolin for manufacture of cementitious materials. Advances in Cement Research, 2008, 20, 23-30.	1.6	74
138	Influencia de la activaciÃ³n de un residuo arcilloso de la industria papelera en el comportamiento de matrices de cemento. Materiales De Construccion, 2008, 58, .	0.7	3
139	Influence of calcining temperature on the activation of sugar-cane bagasse: kinetic parameters. Advances in Cement Research, 2007, 19, 109-115.	1.6	28
140	Mineralogical and morphological changes of calcined paper sludge at different temperatures and retention in furnace. Applied Clay Science, 2007, 36, 279-286.	5.2	94
141	Rheology and conduction calorimetry of cement modified with calcined paper sludge. Cement and Concrete Research, 2007, 37, 184-190.	11.0	75
142	Characterisation of sugar cane straw waste as pozzolanic material for construction: Calcining temperature and kinetic parameters. Waste Management, 2007, 27, 533-538.	7.4	115
143	Properties and Performances of Concrete Tiles Containing Waste Fired Clay Materials. Journal of the American Ceramic Society, 2007, 90, 3559-3565.	3.8	35
144	Pozzolanic reaction of a spent fluid catalytic cracking catalyst in FCC-cement mortars. Journal of Thermal Analysis and Calorimetry, 2007, 90, 443-447.	3.6	70

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145	Recycling of silicomanganese slag as pozzolanic material in Portland cements: Basic and engineering properties. Cement and Concrete Research, 2006, 36, 487-491.	11.0	65
146	Study of hydrated phases present in a MKâ€“lime system cured at 60 Â°C and 60 months of reaction. Cement and Concrete Research, 2006, 36, 827-831.	11.0	87
147	Micro-Raman spectroscopy in white portland cement hydration: long-term study at room temperature. Journal of Raman Spectroscopy, 2006, 37, 555-561.	2.5	68
148	Influence of metastable hydrated phases on the pore size distribution and degree of hydration of MK-blended cements cured at 60 Â°C. Cement and Concrete Research, 2005, 35, 1292-1298.	11.0	31
149	The effect that different pozzolanic activity methods has on the kinetic constants of the pozzolanic reaction in sugar cane straw-clay ash/lime systems: Application of a kineticâ€“diffusive model. Cement and Concrete Research, 2005, 35, 2137-2142.	11.0	60
150	Propiedades de la escoria de SiMn como material puzolanico en la fabricaciÃ³n de cementos portland. Materiales De Construccion, 2005, 55, 53-62.	0.7	11
151	Chemical assessment of the electric arc furnace slag as construction material: Expansive compounds. Cement and Concrete Research, 2004, 34, 1881-1888.	11.0	107
152	The effect of high curing temperature on the reaction kinetics in MK/lime and MK-blended cement matrices at 60 Â°C. Cement and Concrete Research, 2003, 33, 643-649.	11.0	92
153	The effect of temperature on the hydration rate and stability of the hydration phases of metakaolinâ€“limeâ€“water systems. Cement and Concrete Research, 2002, 32, 133-138.	11.0	164
154	Total and soluble chromium, nickel and cobalt content in the main materials used in the manufacturing of Spanish commercial cements. Cement and Concrete Research, 2002, 32, 435-440.	11.0	30
155	EvoluciÃ³n y cuantificaciÃ³n de los sensibilizadores mÃ¡s importantes en los cementos portland comerciales. Materiales De Construccion, 2002, 52, 57-64.	0.7	0
156	Mechanism of hydration of the metakaolinâ€“limeâ€“water system. Cement and Concrete Research, 2001, 31, 177-182.	11.0	156
157	Influence of MK on the reaction kinetics in MK/lime and MK-blended cement systems at 20Â°C. Cement and Concrete Research, 2001, 31, 519-527.	11.0	143
158	Pore size distribution and degree of hydration of metakaolinâ€“cement pastes. Cement and Concrete Research, 2000, 30, 561-569.	11.0	214
159	The effect that the pozzolanic reaction of metakaolin has on the heat evolution in metakaolin-cement mortars. Cement and Concrete Research, 2000, 30, 209-216.	11.0	225
160	Influence of the microsilica state on pozzolanic reaction rate. Cement and Concrete Research, 1999, 29, 945-949.	11.0	54
161	Estudio de las variaciones mineralÃ³gicas y morfolÃ³gicas en cenizas volantes provocadas por fenÃ³menos de lixiviaciÃ³n. Materiales De Construccion, 1999, 49, 43-58.	0.7	1
162	Microstructural alterations in fly ash mortars: Study on phenomena affecting particle and pore size. Cement and Concrete Research, 1997, 27, 619-628.	11.0	36

#	Article	IF	Citations
163	The pozzolanic activity of different materials, its influence on the hydration heat in mortars. Cement and Concrete Research, 1996, 26, 203-213.	11.0	88
164	A reply to the discussion by Dr. Bensted of the paper â€œdetermination and quantification of total chromium and water soluble chromium content in commercial cementsâ€• Cement and Concrete Research, 1996, 26, 331-333.	11.0	1
165	Determination and quantification of total chromium and water soluble chromium contents in commercial cements. Cement and Concrete Research, 1995, 25, 433-439.	11.0	13
166	Contribution of toxic elements: Hexavalent chromium in materials used in the manufacture of cement. Cement and Concrete Research, 1994, 24, 533-541.	11.0	25
167	Determination of specific surface area by the laser diffraction technique. Comparison with the blaine permeability method. Cement and Concrete Research, 1991, 21, 709-717.	11.0	30
168	Investigations on the fly ash-calcium hydroxide reactions. Cement and Concrete Research, 1989, 19, 69-80.	11.0	50
169	Recycling of Waste Paper Sludge in Cements: Characterization and Behavior of New Eco-Efficient Matrices. , 0, , .		8
170	Cements based on kaolinite waste. Advances in Geosciences, 0, 45, 133-138.	12.0	2