

Moises FrÃ- as

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/776051/publications.pdf>

Version: 2024-02-01

170
papers

7,595
citations

50566

48
h-index

75989

78
g-index

171
all docs

171
docs citations

171
times ranked

4759
citing authors

#	ARTICLE	IF	CITATIONS
1	Durability of Construction and Demolition Waste-Bearing Ternary Eco-Cements. <i>Materials</i> , 2022, 15, 2921.	1.3	3
2	Durability of eco-efficient binary cement mortars based on ichu ash: Effect on carbonation and chloride resistance. <i>Cement and Concrete Composites</i> , 2022, 131, 104608.	4.6	5
3	Progress in the influence of recycled construction and demolition mineral-based blends on the physicalâ€œmechanical behaviour of ternary cementitious matrices. <i>Construction and Building Materials</i> , 2022, 344, 128169.	3.2	8
4	Concrete/Glass Construction and Demolition Waste (CDW) Synergies in Ternary Eco-Cement-Paste Mineralogy. <i>Materials</i> , 2022, 15, 4661.	1.3	7
5	Behaviour and Properties of Eco-Cement Pastes Elaborated with Recycled Concrete Powder from Construction and Demolition Wastes. <i>Materials</i> , 2021, 14, 1299.	1.3	38
6	Eco-efficient cement based on activated coal washing rejects with low content of kaolinite. <i>Construction and Building Materials</i> , 2021, 274, 122118.	3.2	13
7	Quantitative Comparison of Binary Mix of Agro-Industrial Pozzolanic Additions for Elaborating Ternary Cements: Kinetic Parameters. <i>Materials</i> , 2021, 14, 2944.	1.3	4
8	Exploring sulphate resistance of coal mining waste blended cements through experiments and thermodynamic modelling. <i>Cement and Concrete Composites</i> , 2021, 121, 104086.	4.6	11
9	Reactivity of Binary Construction and Demolition Waste Mix as Supplementary Cementitious Materials. <i>Materials</i> , 2021, 14, 6481.	1.3	6
10	Mineral phases in metakaolin-portlandite pastes cured 15â€œyears at 60â€œÂ°C. New data for scientific advancement. <i>Applied Clay Science</i> , 2020, 184, 105368.	2.6	4
11	Sulfate Resistance in Cements Bearing Ornamental Granite Industry Sludge. <i>Materials</i> , 2020, 13, 4081.	1.3	6
12	Multi-Technique Characterization of a Fine Fraction of CDW and Assessment of Reactivity in a CDW/Lime System. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 590.	0.8	22
13	Sulfate Resistance in Cements Bearing Bottom Ash from Biomass-Fired Electric Power Plants. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8982.	1.3	2
14	Scientific and technical studies on eco-efficient binary cements produced with thermally activated ichu grass: Behaviour and properties. <i>Cement and Concrete Composites</i> , 2020, 111, 103613.	4.6	8
15	Monitoring the dynamics of Portland cement hydration through photoluminescence and other correlated spectroscopy techniques. <i>Construction and Building Materials</i> , 2020, 252, 119073.	3.2	5
16	Fired clay-based construction and demolition waste as pozzolanic addition in cements. Design of new eco-efficient cements. <i>Journal of Cleaner Production</i> , 2020, 265, 121610.	4.6	34
17	Durability and chromatic behavior in cement pastes containing ceramic industry milling and glazing byâ€œproducts. <i>Journal of the American Ceramic Society</i> , 2019, 102, 1971-1981.	1.9	9
18	Water transport in binary eco-cements containing coal mining waste. <i>Cement and Concrete Composites</i> , 2019, 104, 103373.	4.6	22

#	ARTICLE	IF	CITATIONS
19	Pozzolanic Reaction of a Biomass Waste as Mineral Addition to Cement Based Materials: Studies by Nuclear Magnetic Resonance (NMR). <i>International Journal of Concrete Structures and Materials</i> , 2019, 13, .	1.4	6
20	Reuse of coal mining waste to lengthen the service life of cementitious matrices. <i>Cement and Concrete Composites</i> , 2019, 99, 72-79.	4.6	26
21	Influence of ZnO on the activation of kaolinite-based coal waste: Pozzolanic activity and mineralogy in the pozzolan/lime system. <i>Applied Clay Science</i> , 2018, 156, 202-212.	2.6	6
22	Pozzolanic Characterization of Cuban Bamboo Leaf Ash: Calcining Temperature and Kinetic Parameters. <i>Waste and Biomass Valorization</i> , 2018, 9, 691-699.	1.8	22
23	Use of ceramic industry milling and glazing waste as an active addition in cement. <i>Journal of the American Ceramic Society</i> , 2018, 101, 2028-2037.	1.9	23
24	Ca/Si and Si/Al Ratios of Metakaolinite-Based Wastes: Their Influence on Mineralogy and Mechanical Strengths. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 480.	1.3	4
25	Hot water treatment effect in the elephant grass ashes calcinated at different temperatures. <i>Revista Materia</i> , 2018, 23, .	0.1	3
26	Freeze-thaw effect on the durability of binary cements containing activated coal-mining waste. <i>Construction and Building Materials</i> , 2018, 190, 140-149.	3.2	21
27	New developments in low clinker cement paste mineralogy. <i>Applied Clay Science</i> , 2018, 166, 94-101.	2.6	10
28	Evaluation of chloride transport in blended cement mortars containing coal mining waste. <i>Construction and Building Materials</i> , 2018, 190, 200-210.	3.2	24
29	Effect of a high content in activated carbon waste on low clinker cement microstructure and properties. <i>Construction and Building Materials</i> , 2018, 184, 11-19.	3.2	20
30	Coal-Mining Tailings as a Pozzolanic Material in Cements Industry. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 46.	0.8	41
31	Carbonation-Induced Mineralogical Changes in Coal Mining Waste Blended Cement Pastes and Their Influence on Mechanical and Microporosity Properties. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 169.	0.8	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. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018, 51, 1.	1.3	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. <i>Revista CINTEX</i> , 2018, 23, 95-102.	0.2	4
34	Advances on the development of ternary cements elaborated with biomass ashes coming from different activation process. <i>Construction and Building Materials</i> , 2017, 136, 73-80.	3.2	24
35	Improved interfacial transition zone between aggregate-cementitious matrix by addition sugarcane industrial ash. <i>Cement and Concrete Composites</i> , 2017, 80, 157-167.	4.6	47
36	Potential of the hornification treatment on eucalyptus and pine fibers for fiber-cement applications. <i>Cellulose</i> , 2017, 24, 2275-2286.	2.4	62

#	ARTICLE	IF	CITATIONS
37	Effects of calcination temperature and the addition of ZnO on coal waste activation: A mineralogical and morphological evolution. <i>Applied Clay Science</i> , 2017, 150, 1-9.	2.6	14
38	Sulfate Resistance in OPC and SRPC Containing Calcined Paper Sludge Waste: Ettringite or Thaumassite Formation. <i>Journal of Materials in Civil Engineering</i> , 2017, 29, .	1.3	5
39	The Transformation of Coal-Mining Waste Minerals in the Pozzolanic Reactions of Cements. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 64.	0.8	22
40	Coal Mining Waste as a Future Eco-Efficient Supplementary Cementing Material: Scientific Aspects. <i>Recycling</i> , 2016, 1, 232-241.	2.3	10
41	The Influence of Activated Coal Mining Wastes on the Mineralogy of Blended Cement Pastes. <i>Journal of the American Ceramic Society</i> , 2016, 99, 300-307.	1.9	22
42	Characterization of Ceramic-Based Construction and Demolition Waste: Use as Pozzolan in Cements. <i>Journal of the American Ceramic Society</i> , 2016, 99, 4121-4127.	1.9	52
43	Clay-based construction and demolition waste as a pozzolanic addition in blended cements. Effect on sulfate resistance. <i>Construction and Building Materials</i> , 2016, 127, 950-958.	3.2	37
44	Investigating the possible usage of elephant grass ash to manufacture the eco-friendly binary cements. <i>Journal of Cleaner Production</i> , 2016, 116, 236-243.	4.6	34
45	From coal-mining waste to construction material: a study of its mineral phases. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	16
46	Mineralogy and Microstructure of Hydrated Phases During the Pozzolanic Reaction in the Sanitary Ware Waste/Ca(OH) ₂ System. <i>Journal of the American Ceramic Society</i> , 2016, 99, 340-348.	1.9	29
47	Durability of recycled concrete made with recycled ceramic sanitary ware aggregate. Inter-indicator relationships. <i>Construction and Building Materials</i> , 2016, 105, 480-486.	3.2	95
48	Fly ash/paper sludge as constituents of cements: hydration phases. <i>Journal of Environmental Engineering and Science</i> , 2015, 10, 46-52.	0.3	2
49	Forced Aging and Ionic Mobility of Ternary Cements Exposed to Aggressive Saline Marine Environments and Cryoclastic Processes. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	1
50	Effect of the constituents (asphalt, clay materials, floating particles and fines) of construction and demolition waste on the properties of recycled concretes. <i>Construction and Building Materials</i> , 2015, 79, 22-33.	3.2	84
51	Mineralogical study of calcined coal waste in a pozzolan/Ca(OH) ₂ system. <i>Applied Clay Science</i> , 2015, 108, 45-54.	2.6	30
52	Fly Ash and Paper Sludge on the Evolution of Ternary Blended Cements: Mineralogy and Hydrated Phases. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	1.3	6
53	Physical-mechanical behavior of binary cements blended with thermally activated coal mining waste. <i>Construction and Building Materials</i> , 2015, 99, 169-174.	3.2	40
54	Paper sludge, an environmentally sound alternative source of MK-based cementitious materials. A review. <i>Construction and Building Materials</i> , 2015, 74, 37-48.	3.2	96

#	ARTICLE	IF	CITATIONS
55	Cross-Checking Different Sources of Mobility Information. PLoS ONE, 2014, 9, e105184.	1.1	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.	1.9	30
57	Durability of Blended Cement Pastes Containing Ceramic Waste as a Pozzolanic Addition. Journal of the American Ceramic Society, 2014, 97, 1543-1551.	1.9	33
58	Statistical downscaling of climate impact indices: testing the direct approach. Climatic Change, 2014, 127, 547-560.	1.7	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.	1.9	32
60	Effect of sea water on calcium effective diffusion of ternary cement. Advances in Cement Research, 2014, 26, 125-136.	0.7	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.	3.2	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.	5.9	34
63	Aging and durability of ternary cements containing fly ash and activated paper sludge. Construction and Building Materials, 2014, 52, 253-260.	3.2	29
64	Scientific and technical aspects of blended cement matrices containing activated slate wastes. Cement and Concrete Composites, 2014, 48, 19-25.	4.6	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.	3.2	47
66	Mineralogical and microstructural changes promoted by accelerated carbonation and ageing cycles of hybrid fiber-cement composites. Construction and Building Materials, 2014, 68, 750-756.	3.2	60
67	Influence of mixed recycled aggregate on the physical-mechanical properties of recycled concrete. Journal of Cleaner Production, 2014, 68, 216-225.	4.6	233
68	Leaching in concretes containing recycled ceramic aggregate from the sanitary ware industry. Journal of Cleaner Production, 2014, 66, 85-91.	4.6	30
69	From mobile phone data to the spatial structure of cities. Scientific Reports, 2014, 4, 5276.	1.6	285
70	Evolution of the pozzolanic activity of a thermally treated zeolite. Journal of Materials Science, 2013, 48, 3213-3224.	1.7	27
71	Mineralogical Evolution of Kaolin-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.	1.9	23
72	Sodium chloride effect on durability of ternary blended cement. Microstructural characterization and strength. Composites Part B: Engineering, 2013, 54, 163-168.	5.9	31

#	ARTICLE	IF	CITATIONS
73	Characterization of Algerian reservoir sludges for use as active additions in cement: New pozzolans for eco-cement manufacture. <i>Construction and Building Materials</i> , 2013, 40, 275-279.	3.2	33
74	Decalcification of activated paper sludge – Fly ash-Portland cement blended pastes in pure water. <i>Cement and Concrete Composites</i> , 2013, 40, 1-6.	4.6	16
75	Properties of recycled ceramic aggregate concretes: Water resistance. <i>Cement and Concrete Composites</i> , 2013, 40, 21-29.	4.6	73
76	The Influence of Slate Waste Activation Conditions on Mineralogical Changes and Pozzolanic Behavior. <i>Journal of the American Ceramic Society</i> , 2013, 96, 2276-2282.	1.9	22
77	Rheological and calorimetric behaviour of cements blended with containing ceramic sanitary ware and construction/demolition waste. <i>Construction and Building Materials</i> , 2013, 40, 822-831.	3.2	91
78	Accelerated carbonation effect on behaviour of ternary Portland cements. <i>Composites Part B: Engineering</i> , 2013, 48, 122-128.	5.9	59
79	Effect of petroleum (pet) coke addition on the density and thermal conductivity of cement pastes and mortars. <i>Fuel</i> , 2013, 107, 138-146.	3.4	35
80	Seawater effect on durability of ternary cements. Synergy of chloride and sulphate ions. <i>Composites Part B: Engineering</i> , 2013, 46, 173-178.	5.9	73
81	The effect of binary pozzolan mix on the mineralogical changes in the ternary activated paper sludge–fly ash–Ca(OH) ₂ system. <i>Construction and Building Materials</i> , 2013, 38, 48-53.	3.2	20
82	Freeze-thaw durability of recycled concrete containing ceramic aggregate. <i>Journal of Cleaner Production</i> , 2013, 40, 151-160.	4.6	137
83	The influence of thermal activation of art paper sludge on the technical properties of blended Portland cements. <i>Cement and Concrete Composites</i> , 2013, 37, 136-142.	4.6	28
84	Pozzolanic behaviour of a bagasse ash from the boiler of a Cuban sugar factory. <i>Advances in Cement Research</i> , 2013, 25, 136-142.	0.7	18
85	Evolution of Mineralogical Phases by ²⁷ Al and ²⁹ Si NMR in MK–Ca(OH) ₂ System Cured at 60°C. <i>Journal of the American Ceramic Society</i> , 2013, 96, 2306-2310.	1.9	22
86	Characterization and properties of blended cement matrices containing activated bamboo leaf wastes. <i>Cement and Concrete Composites</i> , 2012, 34, 1019-1023.	4.6	97
87	Recycling petroleum coke in blended cement mortar to produce lightweight material for Impact Noise Reduction. <i>Cement and Concrete Composites</i> , 2012, 34, 1194-1201.	4.6	12
88	Quantitative correlations among textural characteristics of C–S–H gel and mechanical properties: Case of ternary Portland cements containing activated paper sludge and fly ash. <i>Cement and Concrete Composites</i> , 2012, 34, 911-916.	4.6	23
89	Evolution of mineralogical phases produced during the pozzolanic reaction of different metakaolinite by-products: Influence of the activation process. <i>Applied Clay Science</i> , 2012, 56, 48-52.	2.6	26
90	Gas permeability in concrete containing recycled ceramic sanitary ware aggregate. <i>Construction and Building Materials</i> , 2012, 37, 597-605.	3.2	59

#	ARTICLE	IF	CITATIONS
91	Scientific Aspects of Kaolinite Based Coal Mining Wastes in Pozzolan/ $\text{Ca}(\text{OH})_2$ System. Journal of the American Ceramic Society, 2012, 95, 386-391.	1.9	65
92	Changes to the Triaxial Composition of the Hydrated Phases ($\text{CaO}/\text{Al}_2\text{O}_3/\text{SiO}_2$) in the Metakaolin/Lime System. Journal of the American Ceramic Society, 2012, 95, 1118-1122.	1.9	3
93	Reuse of sanitary ceramic wastes as coarse aggregate in eco-efficient concretes. Cement and Concrete Composites, 2012, 34, 48-54.	4.6	177
94	Effect of activated coal mining wastes on the properties of blended cement. Cement and Concrete Composites, 2012, 34, 678-683.	4.6	117
95	Effect of ternary cements containing thermally activated paper sludge and fly ash on the texture of C-S-H gel. Construction and Building Materials, 2012, 30, 381-388.	3.2	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.	3.2	171
97	Reparaci3n de revocos de morteros. Nuevos documentos normativos de AENOR. Informes De La Construcci3n, 2012, 64, 141-151.	0.1	0
98	Micro-Raman study of stable and metastable phases in metakaolin/ $\text{Ca}(\text{OH})_2$ system cured at 60°C. Applied Clay Science, 2011, 51, 283-286.	2.6	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.	1.9	13
100	Pozzolanic behavior of bamboo leaf ash: Characterization and determination of the kinetic parameters. Cement and Concrete Composites, 2011, 33, 68-73.	4.6	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.	4.6	206
102	Development of blended cement mortars with acoustic properties using petroleum coke. Construction and Building Materials, 2011, 25, 1086-1092.	3.2	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.	3.2	31
104	Pre-normative research on the use of mixed recycled aggregates in unbound road sections. Construction and Building Materials, 2011, 25, 2674-2682.	3.2	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.	3.2	21
106	Study of hydrated phases present in calcined paper sludge (metakaolinite)/saturated CaO dissolution system cured at 40°C and 28 days of reaction. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 3936-3941.	2.6	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.	4.6	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

#	ARTICLE	IF	CITATIONS
109	New Construction Materials: Calcined Paper Sludges as Active Additions. <i>Materials Science Forum</i> , 2010, 636-637, 1222-1227.	0.3	4
110	Influence of activation temperature of kaolinite-based clay wastes on pozzolanic activity and kinetic parameters. <i>Advances in Cement Research</i> , 2010, 22, 135-142.	0.7	18
111	Mineral phases in an activated kaolinitic waste blended cement system. <i>Applied Clay Science</i> , 2010, 50, 137-142.	2.6	20
112	Ãrido siderÃrgico en hormigones: proceso de envejecimiento y su efecto en compuestos potencialmente expansivos. <i>Materiales De Construccion</i> , 2010, 60, 33-46.	0.2	31
113	Decay of pavement mortar due to thaumasite formation. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 320-325.	1.6	8
114	Use of micro-Raman spectroscopy to study reaction kinetics in blended white cement pastes containing metakaolin. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 2063-2068.	1.2	39
115	Ion Mobilisation and Transport Through Cement Mortars Blended With Thermally Activated Paper Sludge in Natural Climatic Conditions. <i>Water, Air, and Soil Pollution</i> , 2009, 203, 39-52.	1.1	8
116	Influence of thermally activated paper sludge on the behaviour of blended cements subjected to saline and non-saline environments. <i>Environmental Science and Pollution Research</i> , 2009, 16, 274-277.	2.7	8
117	Novel Use of Kaolin Wastes in Blended Cements. <i>Journal of the American Ceramic Society</i> , 2009, 92, 2443-2446.	1.9	29
118	Influence of Activated Art Paper Sludge-Lime Ratio on Hydration Kinetics and Mechanical Behavior in Mixtures Cured at 20°C. <i>Journal of the American Ceramic Society</i> , 2009, 92, 3014-3021.	1.9	17
119	Pozzolanic activity and alkaline reactivity of a mordenite-rich tuff. <i>Microporous and Mesoporous Materials</i> , 2009, 126, 125-132.	2.2	20
120	Random ionic mobility on blended cements exposed to aggressive environments. <i>Journal of Hazardous Materials</i> , 2009, 168, 1602-1608.	6.5	14
121	Effects of calcining conditions on the microstructure of sugar cane waste ashes (SCWA): Influence in the pozzolanic activation. <i>Cement and Concrete Composites</i> , 2009, 31, 22-28.	4.6	95
122	The influence of SiMn slag on chemical resistance of blended cement pastes. <i>Construction and Building Materials</i> , 2009, 23, 1472-1475.	3.2	39
123	The effect of curing temperature on white cement hydration. <i>Construction and Building Materials</i> , 2009, 23, 1344-1348.	3.2	42
124	Freeze-thaw resistance of blended cements containing calcined paper sludge. <i>Construction and Building Materials</i> , 2009, 23, 2862-2868.	3.2	89
125	Mineral phases formation on the pozzolan/lime/water system. <i>Applied Clay Science</i> , 2009, 43, 331-335.	2.6	31
126	Effect of activation conditions of a kaolinite based waste on rheology of blended cement pastes. <i>Cement and Concrete Research</i> , 2009, 39, 843-848.	4.6	27

#	ARTICLE	IF	CITATIONS
127	Efecto de la adici3n de lodos de papel activados t3rmicamente en las propiedades mec3nicas y de porosidad de pastas de cemento. <i>Materiales De Construccion</i> , 2009, 59, 41-52.	0.2	3
128	Dise1o y prestaciones de morteros de alba1iler1a elaborados con 1ridos reciclados procedentes de escombros de hormig3n. <i>Materiales De Construccion</i> , 2009, 59, 5-18.	0.2	81
129	Influence of the calcined paper sludge on the development of hydration heat in blended cement mortars. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 92, 865-871.	2.0	44
130	Use of recycled copper slag for blended cements. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 209-217.	1.6	55
131	The pozzolanic properties of paper sludge waste. <i>Construction and Building Materials</i> , 2008, 22, 1484-1490.	3.2	125
132	Mechanical expectations of a high performance concrete based on a polymer binder and reinforced with non-metallic rebars. <i>Construction and Building Materials</i> , 2008, 22, 2031-2041.	3.2	13
133	Effect of incorporating ferroalloy industry wastes as complementary cementing materials on the properties of blended cement matrices. <i>Cement and Concrete Composites</i> , 2008, 30, 212-219.	4.6	41
134	Properties of Calcined Clay Waste and its Influence on Blended Cement Behavior. <i>Journal of the American Ceramic Society</i> , 2008, 91, 1226-1230.	1.9	80
135	Influence of Activation Temperature on Reaction Kinetics in Recycled Clay Wasteâ€“Calcium Hydroxide Systems. <i>Journal of the American Ceramic Society</i> , 2008, 91, 4044-4051.	1.9	33
136	Calcination of art paper sludge waste for the use as a supplementary cementing material. <i>Applied Clay Science</i> , 2008, 42, 189-193.	2.6	72
137	Characterisation of calcined paper sludge as an environmentally friendly source of metakaolin for manufacture of cementitious materials. <i>Advances in Cement Research</i> , 2008, 20, 23-30.	0.7	74
138	Influencia de la activaci3n de un residuo arcilloso de la industria papelera en el comportamiento de matrices de cemento. <i>Materiales De Construccion</i> , 2008, 58, .	0.2	3
139	Influence of calcining temperature on the activation of sugar-cane bagasse: kinetic parameters. <i>Advances in Cement Research</i> , 2007, 19, 109-115.	0.7	28
140	Mineralogical and morphological changes of calcined paper sludge at different temperatures and retention in furnace. <i>Applied Clay Science</i> , 2007, 36, 279-286.	2.6	94
141	Rheology and conduction calorimetry of cement modified with calcined paper sludge. <i>Cement and Concrete Research</i> , 2007, 37, 184-190.	4.6	75
142	Characterisation of sugar cane straw waste as pozzolanic material for construction: Calcining temperature and kinetic parameters. <i>Waste Management</i> , 2007, 27, 533-538.	3.7	115
143	Properties and Performances of Concrete Tiles Containing Waste Fired Clay Materials. <i>Journal of the American Ceramic Society</i> , 2007, 90, 3559-3565.	1.9	35
144	Pozzolanic reaction of a spent fluid catalytic cracking catalyst in FCC-cement mortars. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 90, 443-447.	2.0	70

#	ARTICLE	IF	CITATIONS
145	Recycling of silicomanganese slag as pozzolanic material in Portland cements: Basic and engineering properties. Cement and Concrete Research, 2006, 36, 487-491.	4.6	65
146	Study of hydrated phases present in a MK-lime system cured at 60 Å°C and 60 months of reaction. Cement and Concrete Research, 2006, 36, 827-831.	4.6	87
147	Micro-Raman spectroscopy in white portland cement hydration: long-term study at room temperature. Journal of Raman Spectroscopy, 2006, 37, 555-561.	1.2	68
148	Influence of metastable hydrated phases on the pore size distribution and degree of hydration of MK-blended cements cured at 60 Å°C. Cement and Concrete Research, 2005, 35, 1292-1298.	4.6	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 kinetic-diffusive model. Cement and Concrete Research, 2005, 35, 2137-2142.	4.6	60
150	Propiedades de la escoria de SiMn como material puzolanico en la fabricaci3n de cementos portland. Materiales De Construccion, 2005, 55, 53-62.	0.2	11
151	Chemical assessment of the electric arc furnace slag as construction material: Expansive compounds. Cement and Concrete Research, 2004, 34, 1881-1888.	4.6	107
152	The effect of high curing temperature on the reaction kinetics in MK/lime and MK-blended cement matrices at 60 Å°C. Cement and Concrete Research, 2003, 33, 643-649.	4.6	92
153	The effect of temperature on the hydration rate and stability of the hydration phases of metakaolin-lime-water systems. Cement and Concrete Research, 2002, 32, 133-138.	4.6	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.	4.6	30
155	Evoluci3n y cuantificaci3n de los sensibilizadores m3s importantes en los cementos portland comerciales. Materiales De Construccion, 2002, 52, 57-64.	0.2	0
156	Mechanism of hydration of the metakaolin-lime-water system. Cement and Concrete Research, 2001, 31, 177-182.	4.6	156
157	Influence of MK on the reaction kinetics in MK/lime and MK-blended cement systems at 20Å°C. Cement and Concrete Research, 2001, 31, 519-527.	4.6	143
158	Pore size distribution and degree of hydration of metakaolin-cement pastes. Cement and Concrete Research, 2000, 30, 561-569.	4.6	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.	4.6	225
160	Influence of the microsilica state on pozzolanic reaction rate. Cement and Concrete Research, 1999, 29, 945-949.	4.6	54
161	Estudio de las variaciones mineral3gicas y morfol3gicas en cenizas volantes provocadas por fen3menos de lixiviaci3n. Materiales De Construccion, 1999, 49, 43-58.	0.2	1
162	Microstructural alterations in fly ash mortars: Study on phenomena affecting particle and pore size. Cement and Concrete Research, 1997, 27, 619-628.	4.6	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.	4.6	88
164	A reply to the discussion by Dr. Bensted of the paper "determination and quantification of total chromium and water soluble chromium content in commercial cements". Cement and Concrete Research, 1996, 26, 331-333.	4.6	1
165	Determination and quantification of total chromium and water soluble chromium contents in commercial cements. Cement and Concrete Research, 1995, 25, 433-439.	4.6	13
166	Contribution of toxic elements: Hexavalent chromium in materials used in the manufacture of cement. Cement and Concrete Research, 1994, 24, 533-541.	4.6	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.	4.6	30
168	Investigations on the fly ash-calcium hydroxide reactions. Cement and Concrete Research, 1989, 19, 69-80.	4.6	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