Villar-CociÃ±a, E

List of Publications by Year
in descending order

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30	1,233	394421 19	477307 29
papers	citations	h-index	g-index

30	30	30	795
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Pozzolanic behavior of bamboo leaf ash: Characterization and determination of the kinetic parameters. Cement and Concrete Composites, 2011, 33, 68-73.	10.7	136
3	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
4	Characterization and properties of blended cement matrices containing activated bamboo leaf wastes. Cement and Concrete Composites, 2012, 34, 1019-1023.	10.7	97
5	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
6	Kinetics of the pozzolanic reaction between lime and sugar cane straw ash by electrical conductivity measurement: A kineticâ€“diffusive model. Cement and Concrete Research, 2003, 33, 517-524.	11.0	80
7	Potential use of sugarcane bagasse and bamboo leaf ashes for elaboration of green cementitious materials. Journal of Cleaner Production, 2019, 231, 54-63.	9.3	64
8	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
9	An evaluation of different kinetic models for determining the kinetic coefficients in sugar cane strawâ€“clay ash/lime system. Advances in Cement Research, 2006, 18, 17-26.	1.6	32
10	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
11	Mineralogical study of calcined coal waste in a pozzolan/Ca(OH)2 system. Applied Clay Science, 2015, 108, 45-54.	5.2	30
12	Influence of calcining temperature on the activation of sugar-cane bagasse: kinetic parameters. Advances in Cement Research, 2007, 19, 109-115.	1.6	28
13	Kinetic parameters during the tempering of low-alloy steel through the non-isothermal dilatometry. Journal of Materials Science, 2010, 45, 418-428.	3.7	28
14	Evolution of the pozzolanic activity of a thermally treated zeolite. Journal of Materials Science, 2013, 48, 3213-3224.	3.7	27
15	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
16	Pozzolanic Characterization of Cuban Bamboo Leaf Ash: Calcining Temperature and Kinetic Parameters. Waste and Biomass Valorization, 2018, 9, 691-699.	3.4	22
17	Study of the pozzolanic reaction kinetics in sugar cane bagasseâ€“clay ash/calcium hydroxide system: kinetic parameters and pozzolanic activity. Advances in Cement Research, 2009, 21, 23-30.	1.6	20
18	Pozzolanic activity and alkaline reactivity of a mordenite-rich tuff. Microporous and Mesoporous Materials, 2009, 126, 125-132.	4.4	20

#	Article	IF	Citations
19	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
20	A Comparative Study on the Pozzolanic Activity Between Bamboo Leaves Ash and Silica Fume: Kinetic Parameters. Waste and Biomass Valorization, 2020, 11, 1627-1634.	3.4	20
21	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
22	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
23	Kinetic theory of the overlapping phase transformations: case of the dilatometric method. Acta Materialia, 2004, 52, 1083-1088.	7.9	15
24	New trends for nonconventional cement-based materials. , 2017, , 165-183.		6
25	Influencia de la humedad en el comportamiento de la resistencia a la compresiÃ³n en mezclas de moldeo. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2001, 40, 107-111.	1.9	5
26	DifusiÃ³n de humedad en mezclas de moldeo para machos de fundiciÃ³n. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2002, 41, 253-258.	1.9	4
27	ValidaciÃ³n de un modelo cinÃ©tico-difusivo para caracterizar la cinÃ©tica de reacciÃ³n puzolÃ¡nica en sistemas cenizas de paja de caÃ±a-arcilla/cal. Materiales De Construccion, 2005, 55, 29-40.	0.7	4
28	A kinetic study about the pozzolanic reactivity of loessic soils by conductometric methods: kinetic parameters. Advances in Cement Research, 2011, 23, 3-10.	1.6	3
29	THERMAL AND CHEMICAL TREATMENTS FOR REMOVAL OF ALKALI OXIDES OF ELEPHANT GRASS ASHES. Quimica Nova, 2014, , .	0.3	3
30	Kinetics of the water absorption in GGBS-concretes: A capillary-diffusive model. Computers and Concrete, 2005, 2, 19-30.	0.7	2