Barbara Pacewska

List of Publications by Year
in descending order

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43	836	430874 18	501196 28
papers	citations	h-index	g-index

45	45	45	673
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydration Processes of Four-Component Binders Containing a Low Amount of Cement. Materials, 2022, 15, 2192.	2.9	5
2	Investigations of the Influence of Nano-Admixtures on Early Hydration and Selected Properties of Calcium Aluminate Cement Paste. Materials, 2022, 15, 4958.	2.9	3
3	Possibility of application of naphthalene as carbon pyrolysate to obtain mineral-carbon sorbents. Journal of Thermal Analysis and Calorimetry, 2021, 143, 3293-3305.	3.6	2
4	Effect of structurally different aluminosilicates on early-age hydration of calcium aluminate cement depending on temperature. Construction and Building Materials, 2020, 235, 117404.	7.2	17
5	Usage of supplementary cementitious materials: advantages and limitations. Journal of Thermal Analysis and Calorimetry, 2020, 142, 371-393.	3.6	65
6	Comparative investigation of reactivity of different kinds of fly ash in alkaline media. Journal of Thermal Analysis and Calorimetry, 2019, 138, 3857-3872.	3.6	24
7	Investigation of different ways of activation of fly ashâ€“cement mixtures. Journal of Thermal Analysis and Calorimetry, 2019, 138, 4203-4213.	3.6	23
8	A study of the early hydration processes and properties of fly ash-slag binders. Bulletin of Materials Science, 2019, 42, 1.	1.7	8
9	Influence of selected activating methods on hydration processes of mixtures containing high and very high amount of fly ash. Journal of Thermal Analysis and Calorimetry, 2018, 133, 823-843.	3.6	53
10	Special Chapter Dedicated to the Memory of Prof. St. Bretsznajder. Journal of Thermal Analysis and Calorimetry, 2017, 130, 1-3.	3.6	16
11	Investigation of hydration products of fly ashâ€“slag pastes. Journal of Thermal Analysis and Calorimetry, 2017, 130, 351-363.	3.6	28
12	In memoriam Professor Janusz Jerzy Pysiak (1933â€“2017). Journal of Thermal Analysis and Calorimetry, 2017, 128, 1881-1882.	3.6	0
13	Special Issue on Current Topics in Calorimetry and Thermal Analysis in Poland. Journal of Thermal Analysis and Calorimetry, 2016, 125, 1003-1007.	3.6	0
14	Comparative investigations of influence of chemical admixtures on pozzolanic and hydraulic activities of fly ash with the use of thermal analysis and infrared spectroscopy. Journal of Thermal Analysis and Calorimetry, 2015, 120, 119-127.	3.6	22
15	Calorimetric and thermal analysis studies on the influence of waste aluminosilicate catalyst on the hydration of fly ashâ€“cement paste. Journal of Thermal Analysis and Calorimetry, 2014, 116, 689-697.	3.6	34
16	Studies of conversion progress of calcium aluminate cement hydrates by thermal analysis method. Journal of Thermal Analysis and Calorimetry, 2014, 117, 653-660.	3.6	52
17	Hydration of Cement Composites Containing Large Amount of Waste Materials. Procedia Engineering, 2013, 57, 53-62.	1.2	26
18	Early Hydration of Calcium Aluminate Cement Blended with Spent FCC Catalyst at Two Temperatures. Procedia Engineering, 2013, 57, 844-850.	1.2	38

#	Article	IF	Citations
19	Investigation of early hydration of high aluminate cement-based binder at different ambient temperatures. Journal of Thermal Analysis and Calorimetry, 2012, 109, 717-726.	3.6	34
20	Special Chapter Dedicated to the memory of Prof. St. Bretsznajder. Journal of Thermal Analysis and Calorimetry, 2012, 109, 507-509.	3.6	0
21	Methods of preparation and properties of mineral-carbon sorbents obtained from coal-tar pitch-polymer compositions. Journal of Thermal Analysis and Calorimetry, 2012, 109, 789-795.	3.6	5
22	Adsorption and DSC study of mineralâ€“carbon sorbents obtained from coal tar pitchâ€“polymer compositions. Journal of Thermal Analysis and Calorimetry, 2012, 107, 893-900.	3.6	10
23	Studies on the influence of different fly ashes and Portland cement on early hydration of calcium aluminate cement. Journal of Thermal Analysis and Calorimetry, 2011, 106, 859-868.	3.6	35
24	Calorimetric investigations of the influence of waste aluminosilicate on the hydration of different cements. Journal of Thermal Analysis and Calorimetry, 2009, 97, 61-66.	3.6	37
25	Use of acenaphthene as a carbon pyrolyzate carrier for the preparation of aluminium-carbon sorbents. Journal of Thermal Analysis and Calorimetry, 2008, 93, 763-767.	3.6	0
26	Investigations of cement early hydration in the presence of chemically activated fly ash. Journal of Thermal Analysis and Calorimetry, 2008, 93, 769-776.	3.6	24
27	Influence of aluminium precursor on physico-chemical properties of aluminium hydroxides and oxides. Journal of Thermal Analysis and Calorimetry, 2007, 87, 383-393.	3.6	6
28	Influence of aluminium precursor on physico-chemical properties of aluminium hydroxides and oxides. Journal of Thermal Analysis and Calorimetry, 2007, 90, 783-793.	3.6	4
29	Influence of aluminium precursor on physico-chemical properties of aluminium hydroxides and oxides Part II. Al(ClO4)3Â·9H2O. Journal of Thermal Analysis and Calorimetry, 2006, 86, 751-760.	3.6	8
30	Mineral-carbon sorbents based on post-decarbonization lime and mixture of hydrocarbons. Journal of Thermal Analysis and Calorimetry, 2005, 80, 687-693.	3.6	11
31	An attempt to improve the pozzolanic activity of waste aluminosilicate catalyst. Journal of Thermal Analysis and Calorimetry, 2004, 77, 133-142.	3.6	36
32	Influence of spent catalyst used for catalytic cracking in a fluidized bed on sulphate corrosion of cement mortars: I. Na2SO4 medium. Cement and Concrete Research, 2004, 34, 759-767.	11.0	15
33	Aluminium nitrate as a precursor of mesoporous aluminium oxides. Journal of Thermal Analysis and Calorimetry, 2003, 74, 595-603.	3.6	8
34	Thermal transformations of aluminium nitrate hydrate. Thermochimica Acta, 2002, 385, 73-80.	2.7	90
35	Use of spent catalyst from catalytic cracking in fluidized bed as a new concrete additive. Thermochimica Acta, 1998, 322, 175-181.	2.7	39
36	Properties of the products of basic aluminium-ammonium sulphate decomposition in hydrogen atmosphere and of the aluminium oxides obtained by their calcination. Thermochimica Acta, 1996, 273, 145-156.	2.7	1

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37	Physicochemical properties of the products of basic aluminium-potassium sulfate decomposition in hydrogen atmosphere. Journal of Thermal Analysis, 1995, 43, 103-112.	0.6	4
38	Properties of aluminium oxides obtained by calcination of the products of reductive roasting of basic aluminium-potassium sulfate. Journal of Thermal Analysis, 1995, 43, 113-122.	0.6	3
39	Thermal decomposition of basic aluminium potassium sulphate (BAPS) in hydrogen atmosphere. Thermochimica Acta, 1991, 179, 187-193.	2.7	7
40	Thermal dissociation of basic aluminium ammonium sulfate in vacuum. Journal of Theoretical Biology, 1980, 19, 79-88.	1.7	18
41	Thermal dissociation of basic aluminium ammonium sulfate in vacuum. Journal of Theoretical Biology, 1980, 19, 89-97.	1.7	9
42	Comparative Investigations of some Properties Related to Durability of Cement Concretes Containing Different Fly Ashes. Advanced Materials Research, 0, 1054, 154-161.	0.3	7
43	Investigation of Portland cement composites containing high amounts of different kinds of fly ashes. , 0, , .		1