

Barbara Pacewska

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

836
citations

430874

18
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501196

28
g-index

45
all docs

45
docs citations

45
times ranked

673
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Thermal transformations of aluminium nitrate hydrate. <i>Thermochimica Acta</i> , 2002, 385, 73-80. | 2.7 | 90 |
| 2 | Usage of supplementary cementitious materials: advantages and limitations. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 371-393. | 3.6 | 65 |
| 3 | Influence of selected activating methods on hydration processes of mixtures containing high and very high amount of fly ash. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 133, 823-843. | 3.6 | 53 |
| 4 | Studies of conversion progress of calcium aluminate cement hydrates by thermal analysis method. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 653-660. | 3.6 | 52 |
| 5 | Use of spent catalyst from catalytic cracking in fluidized bed as a new concrete additive. <i>Thermochimica Acta</i> , 1998, 322, 175-181. | 2.7 | 39 |
| 6 | Early Hydration of Calcium Aluminate Cement Blended with Spent FCC Catalyst at Two Temperatures. <i>Procedia Engineering</i> , 2013, 57, 844-850. | 1.2 | 38 |
| 7 | Calorimetric investigations of the influence of waste aluminosilicate on the hydration of different cements. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 97, 61-66. | 3.6 | 37 |
| 8 | An attempt to improve the pozzolanic activity of waste aluminosilicate catalyst. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004, 77, 133-142. | 3.6 | 36 |
| 9 | Studies on the influence of different fly ashes and Portland cement on early hydration of calcium aluminate cement. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 106, 859-868. | 3.6 | 35 |
| 10 | Investigation of early hydration of high aluminate cement-based binder at different ambient temperatures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 717-726. | 3.6 | 34 |
| 11 | Calorimetric and thermal analysis studies on the influence of waste aluminosilicate catalyst on the hydration of fly ash-cement paste. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 689-697. | 3.6 | 34 |
| 12 | Investigation of hydration products of fly ash-slag pastes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 351-363. | 3.6 | 28 |
| 13 | Hydration of Cement Composites Containing Large Amount of Waste Materials. <i>Procedia Engineering</i> , 2013, 57, 53-62. | 1.2 | 26 |
| 14 | Investigations of cement early hydration in the presence of chemically activated fly ash. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 93, 769-776. | 3.6 | 24 |
| 15 | Comparative investigation of reactivity of different kinds of fly ash in alkaline media. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 3857-3872. | 3.6 | 24 |
| 16 | Investigation of different ways of activation of fly ash-cement mixtures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 4203-4213. | 3.6 | 23 |
| 17 | Comparative investigations of influence of chemical admixtures on pozzolanic and hydraulic activities of fly ash with the use of thermal analysis and infrared spectroscopy. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 119-127. | 3.6 | 22 |
| 18 | Thermal dissociation of basic aluminium ammonium sulfate in vacuum. <i>Journal of Theoretical Biology</i> , 1980, 19, 79-88. | 1.7 | 18 |

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|----|--|------|-----------|
| 19 | Effect of structurally different aluminosilicates on early-age hydration of calcium aluminate cement depending on temperature. <i>Construction and Building Materials</i> , 2020, 235, 117404. | 7.2 | 17 |
| 20 | Special Chapter Dedicated to the Memory of Prof. St. Bretsznajder. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 1-3. | 3.6 | 16 |
| 21 | Influence of spent catalyst used for catalytic cracking in a fluidized bed on sulphate corrosion of cement mortars: I. Na ₂ SO ₄ medium. <i>Cement and Concrete Research</i> , 2004, 34, 759-767. | 11.0 | 15 |
| 22 | Mineral-carbon sorbents based on post-decarbonization lime and mixture of hydrocarbons. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 80, 687-693. | 3.6 | 11 |
| 23 | Adsorption and DSC study of mineral-carbon sorbents obtained from coal tar pitch-polymer compositions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 107, 893-900. | 3.6 | 10 |
| 24 | Thermal dissociation of basic aluminium ammonium sulfate in vacuum. <i>Journal of Theoretical Biology</i> , 1980, 19, 89-97. | 1.7 | 9 |
| 25 | Aluminium nitrate as a precursor of mesoporous aluminium oxides. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003, 74, 595-603. | 3.6 | 8 |
| 26 | Influence of aluminium precursor on physico-chemical properties of aluminium hydroxides and oxides Part II. Al(ClO ₄) ₃ ·9H ₂ O. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 86, 751-760. | 3.6 | 8 |
| 27 | A study of the early hydration processes and properties of fly ash-slag binders. <i>Bulletin of Materials Science</i> , 2019, 42, 1. | 1.7 | 8 |
| 28 | Thermal decomposition of basic aluminium potassium sulphate (BAPS) in hydrogen atmosphere. <i>Thermochimica Acta</i> , 1991, 179, 187-193. | 2.7 | 7 |
| 29 | Comparative Investigations of some Properties Related to Durability of Cement Concretes Containing Different Fly Ashes. <i>Advanced Materials Research</i> , 0, 1054, 154-161. | 0.3 | 7 |
| 30 | Influence of aluminium precursor on physico-chemical properties of aluminium hydroxides and oxides. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 383-393. | 3.6 | 6 |
| 31 | Methods of preparation and properties of mineral-carbon sorbents obtained from coal-tar pitch-polymer compositions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 789-795. | 3.6 | 5 |
| 32 | Hydration Processes of Four-Component Binders Containing a Low Amount of Cement. <i>Materials</i> , 2022, 15, 2192. | 2.9 | 5 |
| 33 | Physicochemical properties of the products of basic aluminium-potassium sulfate decomposition in hydrogen atmosphere. <i>Journal of Thermal Analysis</i> , 1995, 43, 103-112. | 0.6 | 4 |
| 34 | Influence of aluminium precursor on physico-chemical properties of aluminium hydroxides and oxides. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 90, 783-793. | 3.6 | 4 |
| 35 | Properties of aluminium oxides obtained by calcination of the products of reductive roasting of basic aluminium-potassium sulfate. <i>Journal of Thermal Analysis</i> , 1995, 43, 113-122. | 0.6 | 3 |
| 36 | Investigations of the Influence of Nano-Admixtures on Early Hydration and Selected Properties of Calcium Aluminate Cement Paste. <i>Materials</i> , 2022, 15, 4958. | 2.9 | 3 |

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|----|---|-----|-----------|
| 37 | Possibility of application of naphthalene as carbon pyrolysate to obtain mineral-carbon sorbents. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 3293-3305. | 3.6 | 2 |
| 38 | Properties of the products of basic aluminium-ammonium sulphate decomposition in hydrogen atmosphere and of the aluminium oxides obtained by their calcination. <i>Thermochemica Acta</i> , 1996, 273, 145-156. | 2.7 | 1 |
| 39 | Investigation of Portland cement composites containing high amounts of different kinds of fly ashes. , 0, , . | | 1 |
| 40 | Use of acenaphthene as a carbon pyrolyzate carrier for the preparation of aluminium-carbon sorbents. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 93, 763-767. | 3.6 | 0 |
| 41 | Special Chapter Dedicated to the memory of Prof. St. Bretsznajder. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 507-509. | 3.6 | 0 |
| 42 | Special Issue on Current Topics in Calorimetry and Thermal Analysis in Poland. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 1003-1007. | 3.6 | 0 |
| 43 | In memoriam Professor Janusz Jerzy Pysiak (1933â€“2017). <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 1881-1882. | 3.6 | 0 |