

# Pavel Holba

## List of Publications by Year in descending order

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17  
papers

291  
citations

1040018

9  
h-index

940516

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics with Regard to the Equilibrium of Processes Studied by Non-Isothermal Techniques. Zeitschrift Fur Physikalische Chemie, 1972, 80, 1-20.	2.8	60
2	Heat inertia and temperature gradient in the treatment of DTA peaks. Journal of Thermal Analysis and Calorimetry, 2013, 113, 1633-1643.	3.6	54
3	Heat inertia and its role in thermal analysis. Journal of Thermal Analysis and Calorimetry, 2015, 121, 303-307.	3.6	42
4	Effect of thermal treatment on reactivity and mechanical properties of alkali activated shale "slag binder. Construction and Building Materials, 2015, 83, 26-33.	7.2	31
5	Thermal analysis of Micro, Nano- and Non-Crystalline Materials. Hot Topics in Thermal Analysis and Calorimetry, 2013, , .	0.5	25
6	Ehrenfest equations for calorimetry and dilatometry. Journal of Thermal Analysis and Calorimetry, 2015, 120, 175-181.	3.6	15
7	ÅestÅ;k&TM's proposal of term "tempericity" for non-equilibrium temperature and modified Tykodi&TM's thermal science classification with regard to methods of thermal analysis. Journal of Thermal Analysis and Calorimetry, 2017, 127, 2553-2559.	3.6	13
8	Heat Transfer and Phase Transition in DTA Experiments. Hot Topics in Thermal Analysis and Calorimetry, 2012, , 99-133.	0.5	10
9	Reinstatement of thermal analysis tradition in Russia and related East European interactions. Journal of Thermal Analysis and Calorimetry, 2015, 119, 779-784.	3.6	10
10	Temperature dependence of activation energy of endothermic processes and related imperfections of non-isothermal kinetic evaluations. Journal of Thermal Analysis and Calorimetry, 2017, 129, 609-614.	3.6	8
11	The Role of Heat Transfer and Analysis Ensuing Heat Inertia in Thermal Measurements and Its Impact to Nonisothermal Kinetics. Hot Topics in Thermal Analysis and Calorimetry, 2017, , 319-344.	0.5	7
12	Processing of thermoanalytical curves and exact use of thermal analysis. Thermochimica Acta, 1987, 110, 81-85.	2.7	5
13	XIV International conference on thermal analysis and calorimetry in Russia 2013 and hot topic discussion. Journal of Thermal Analysis and Calorimetry, 2015, 119, 1453-1458.	3.6	4
14	Hot topics of thermal analysis. Journal of Thermal Analysis and Calorimetry, 2013, 114, 459-462.	3.6	3
15	Imperfections of Kissinger Evaluation Method and the Explanation of Crystallization Kinetics of Glasses and Melts. Hot Topics in Thermal Analysis and Calorimetry, 2017, , 213-236.	0.5	2
16	Clapeyron and Ehrenfest Equations and Hyper-free Energy for Partly Open Systems. Hot Topics in Thermal Analysis and Calorimetry, 2017, , 159-175.	0.5	0
17	Nonstoichiometric Phases "Composition, Properties and Phase Transitions. Hot Topics in Thermal Analysis and Calorimetry, 2017, , 177-194.	0.5	0