

# Jacek PodwÅ³rny

## List of Publications by Year in descending order

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26  
papers

182  
citations

1163117

8  
h-index

1125743

13  
g-index

26  
all docs

26  
docs citations

26  
times ranked

236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal shock resistance of magnesia-chrome refractories experimental and critical evaluation. <i>Ceramics International</i> , 2013, 39, 1-12.	4.8	27
2	Utilisation of cement-asbestos wastes by thermal treatment and the potential possibility use of obtained product for the clinker bricks manufacture. <i>Journal of Materials Science</i> , 2015, 50, 6757-6767.	3.7	25
3	Corrosion of cement pastes made of CEM I and CEM III/A caused by a saturated water solution of ammonium chloride after 4 and 25 days of aggressive immersion. <i>Construction and Building Materials</i> , 2018, 170, 279-289.	7.2	22
4	Mullitization process of andalusite concentrates - Role of natural inclusions. <i>Ceramics International</i> , 2014, 40, 5129-5136.	4.8	17
5	Variation of Poisson's ratio of refractory materials with thermal shocks. <i>Ceramics International</i> , 2011, 37, 2221-2227.	4.8	13
6	Impulse Excitation Technique IET as a non-destructive method for determining changes during the gelcasting process. <i>Ceramics International</i> , 2016, 42, 3989-3996.	4.8	12
7	Investigations into the kinetics and mechanism of gas-solid state processes in MgO-Mg <sub>2</sub> O <sub>4</sub> (R: Al, Cr, Ti) spinels. <i>Journal of Materials Science</i> , 2011, 46, 1107-1114.	4.8	11
8	X-ray investigations into silica/silver nanocomposite. <i>Powder Diffraction</i> , 2017, 32, S82-S86.	0.2	11
9	High temperature gaseous corrosion resistance of MgO-containing refractories - A comparative study. <i>Ceramics International</i> , 2016, 42, 15805-15810.	4.8	8
10	XRD Based Methods of Investigation the Order - Disorder Transformation in the Spinel Structure - A Comparative Study. <i>Solid State Phenomena</i> , 0, 203-204, 129-132.	0.3	6
11	The Study of Local Structure of Amorphous Fe-Co-B-Si-Nb Alloy by Atomic Pair Distribution Function. <i>Solid State Phenomena</i> , 0, 203-204, 386-389.	0.3	6
12	Concrete Examination of 100-Year-Old Bridge Structure above the Kłodnica River Flowing through the Agglomeration of Upper Silesia in Gliwice: A Case Study. <i>Materials</i> , 2021, 14, 981.	2.9	5
13	Thermochemistry of MgCr <sub>2</sub> O <sub>4</sub> , MgAl <sub>2</sub> O <sub>4</sub> , MgFe <sub>2</sub> O <sub>4</sub> spinels in SO <sub>2</sub> -O <sub>2</sub> -SO <sub>3</sub> atmosphere. <i>Processing and Application of Ceramics</i> , 2016, 10, 25-31.	0.8	4
14	Microstructural Studies on the Q-Phase in Alumina Cement Clinker. <i>Solid State Phenomena</i> , 2007, 130, 225-228.	0.3	3
15	The Structure of Low-Temperature Tridymite in Silica Refractories. <i>Solid State Phenomena</i> , 2010, 163, 187-190.	0.3	3
16	Temperature dependence of the inversion degree in three-cation spinel solid solutions: experimental evaluation by XRD. <i>Powder Diffraction</i> , 2015, 30, S104-S110.	0.2	3
17	Crystal structure of Al <sub>5</sub> O <sub>3</sub> N <sub>3</sub> (15R). <i>Powder Diffraction</i> , 2017, 32, S2-S5.	0.2	2
18	Study of Atoms Arrangement in Zr-Based Bulk Metallic Glass Structure. <i>Acta Physica Polonica A</i> , 2016, 129, 216-218.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Kinetics of the topochemical reaction of the solid solutions of magnesia spinels: Mg(Cr <sub>0.5</sub> Fe <sub>0.5</sub> ) <sub>2</sub> O <sub>4</sub> , Mg(Al <sub>0.5</sub> Cr <sub>0.5</sub> ) <sub>2</sub> O <sub>4</sub> , Mg(Al <sub>0.5</sub> Fe <sub>0.5</sub> ) <sub>2</sub> O <sub>4</sub> with sulphur oxides. <i>Thermochimica Acta</i> , 2019, 680, 178344.	2.7	1
20	Diagnostyczne badania wykwit <sup>3</sup> w solnych na restaurowanych elewacjach Cz <sup>TM</sup> 2 - badania zapraw i tynk <sup>3</sup> w. <i>Ochrona Przed Korozja</i> , 2018, 1, 17-21.	0.1	1
21	Estimation of Short-Range Order Parameters in Cu-Cd Amorphous Alloys. <i>Materials Science Forum</i> , 1994, 166-169, 387-392.	0.3	0
22	HIGH TEMPERATURE BEHAVIOUR OF MgAl <sub>2</sub> O <sub>4</sub> , MgCr <sub>2</sub> O <sub>4</sub> AND MgFe <sub>2</sub> O <sub>4</sub> SPINELS IN RELATION TO THEIR STRUCTURE. , 2004, , .		0
23	Investigations into the phase composition of zirconia-based sinters with an axial texture. <i>Journal of Applied Crystallography</i> , 2017, 50, 769-775.	4.5	0
24	DESIGN OF EXPERIMENTS IN THE STUDY OF BAUXITE REFRACTORY CASTABLE PROPERTIES. <i>Ceramics - Silikaty</i> , 2017, , 183-187.	0.3	0
25	Diagnostyczne badania wykwit <sup>3</sup> w solnych na restaurowanych elewacjach Cz <sup>TM</sup> 1 - badania cegie <sup>3</sup> ., <i>Ochrona Przed Korozja</i> , 2018, 1, 16-20.	0.1	0
26	Chemical Looping Combustion Related Processes Using Solid Oxygen Carriers Oxidized in CO <sub>2</sub> Atmosphere. <i>Ecological Chemistry and Engineering S</i> , 2020, 27, 579-589.	1.5	0