

Martin Boháč

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7317135/publications.pdf>

Version: 2024-02-01

44
papers

557
citations

759233

12
h-index

642732

23
g-index

46
all docs

46
docs citations

46
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic properties of $\text{Co}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ spinel ferrite nanoparticles synthesized by starch-assisted sol-gel autocombustion method and its ball milling. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 378, 190-199.	2.3	113
2	Investigation on early hydration of ternary Portland cement-blast-furnace slag-metakaolin blends. <i>Construction and Building Materials</i> , 2014, 64, 333-341.	7.2	90
3	The effect of curing temperature on the hydration of binary Portland cement. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 1301-1310.	3.6	38
4	Effect of hydrothermal curing on early hydration of G-Oil well cement. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 597-603.	3.6	33
5	Magnetic Properties of Dysprosium-Doped Cobalt Ferrite Nanoparticles Synthesized by Starch-Assisted Sol-Gel Auto-combustion Method. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 2097-2107.	1.8	30
6	Magnetic Properties of ZnFe_2O_4 Nanoparticles Synthesized by Starch-Assisted Sol-Gel Auto-combustion Method. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 1417-1423.	1.8	30
7	Performance of G-Oil Well cement exposed to elevated hydrothermal curing conditions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 865-874.	3.6	26
8	Preparation and characterisation of porous composite biomaterials based on silicon nitride and bioglass. <i>Ceramics International</i> , 2015, 41, 9770-9778.	4.8	21
9	Properties of Cement Pastes with Zeolite During Early Stage of Hydration. <i>Procedia Engineering</i> , 2016, 151, 2-9.	1.2	18
10	Evaluation of P_2O_5 distribution inside the main clinker minerals by the application of EPMA method. <i>Cement and Concrete Research</i> , 2014, 59, 147-154.	11.0	17
11	Influence of temperature on early hydration of Portland cement-metakaolin-slag system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 309-318.	3.6	15
12	The influence of blast-furnace slag hydration products on microcracking of concrete. <i>Materials Characterization</i> , 2009, 60, 729-734.	4.4	14
13	Thermal and Microstructure Stability of Cordierite-Mullite Ceramics Prepared from Natural Raw Materials-Part II. <i>Arabian Journal for Science and Engineering</i> , 2015, 40, 151-161.	1.1	13
14	Use of calorimetry and thermal analysis to assess the heat of supplementary cementitious materials during the hydration of composite cementitious binders. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 97-117.	3.6	11
15	The Role of Aging on Rheological Properties of Lime Putty. <i>Procedia Engineering</i> , 2016, 151, 34-41.	1.2	10
16	Structural and Magnetic Properties of CoFe_2O_4 Nanoparticles Synthesized by Starch-Assisted Sol-Gel Auto-Combustion Method in Air, Argon, Nitrogen and Vacuum Atmospheres. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 249-258.	1.8	9
17	Early Hydration of Activated Belite-Rich Cement. <i>Advanced Materials Research</i> , 0, 1151, 23-27.	0.3	9
18	The role of Li_2O , MgO and CuO on SO_3 activated clinkers. <i>Cement and Concrete Research</i> , 2022, 152, 106672.	11.0	8

#	ARTICLE	IF	CITATIONS
19	Berlinite substitution in the cement clinker. <i>Cement and Concrete Research</i> , 2017, 92, 21-28.	11.0	6
20	Synthesis of $\tilde{\Gamma}^2$ -C2S-based binder from limestone and calcium silicate wastes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 1901-1912.	3.6	6
21	Early hydration of C2S doped with combination of S and Li. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	6
22	The Effect of Mechanical Activation of Lime Putty on Properties of the Autoclaved Calcium Hydrosilicate Materials. <i>Procedia Engineering</i> , 2016, 151, 18-25.	1.2	5
23	Formation of Clinker Containing Lithium. <i>Materials Science Forum</i> , 2019, 955, 50-55.	0.3	3
24	Formation of belite-based binder from waste materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1625-1633.	3.6	3
25	The incorporation of Cu into the clinker phases. <i>Journal of Microscopy</i> , 2022, 286, 108-113.	1.8	3
26	Properties of mixtures of cement with various raw materials. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 379, 012010.	0.6	2
27	Rheological properties of belite-rich cement doped with sulfur. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 583, 012027.	0.6	2
28	Preparation and properties of Portland limestone cements. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 583, 012007.	0.6	2
29	Mechanism and kinetics of binding of meat and bone meal ash into the Portland cement clinker. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	2
30	The role of SCM™s on rheology of sprayed mortar. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1039, 012001.	0.6	2
31	Testing of Surface Photoactivity of Fibre-Cement Composites. <i>Advanced Materials Research</i> , 0, 1000, 35-38.	0.3	1
32	Rheological and Calorimetric Characterization of the Role of CaCl_2 on Portland Cement Early Hydration. <i>Materials Science Forum</i> , 0, 865, 17-21.	0.3	1
33	The Role of Temperature on Hydration of Binary System of Metakaolin/Portland Cement. <i>Materials Science Forum</i> , 0, 851, 51-56.	0.3	1
34	Non-Destructive and Destructive Monitoring Methods of Fibre Concrete Homogeneity. <i>Solid State Phenomena</i> , 0, 259, 9-14.	0.3	1
35	Setting, rheology and packing density of biomass fly ash/Portland cement mixtures. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 379, 012007.	0.6	1
36	Hydraulic Binder from Hazardous Waste. <i>Solid State Phenomena</i> , 2018, 276, 3-8.	0.3	1

#	ARTICLE	IF	CITATIONS
37	The role of CuO on the microstructure and phase composition of SO ₃ -activated clinker. Journal of Microscopy, 2022, 286, 92-97.	1.8	1
38	Formation of Clinker Containing Copper. Lecture Notes in Civil Engineering, 2022, , 647-655.	0.4	1
39	The Role of Metakaolin Fineness on Rheological Properties of Cement Pastes. Advanced Materials Research, 0, 1000, 39-42.	0.3	0
40	Pore Structure Analysis of Portland Cement and Blended Portland Cements Cured under Hydrothermal Conditions. Advanced Materials Research, 0, 1000, 235-238.	0.3	0
41	Development of Fibre-Cement Composites with Self-Cleaning and de-NO _x Ability. Advanced Materials Research, 2015, 1124, 123-129.	0.3	0
42	Application of Sol-Gel Method to Investigate the Influence of P ₂ O ₅ on the Course of Reactions in CaO-SiO ₂ System. Materials Science Forum, 2016, 851, 92-97.	0.3	0
43	The Effect of Particle Size Distribution of Lime on Properties of the Autoclaved Calcium Hydrosilicate Materials. Materials Science Forum, 0, 908, 29-34.	0.3	0
44	Methods for characterization of fresh and hardened state of fibre concrete. Procedia Structural Integrity, 2018, 13, 1780-1785.	0.8	0