

Zbysek Pavlik

List of Publications by Year in descending order

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Version: 2024-02-01

163
papers

2,393
citations

201575

27
h-index

254106

43
g-index

164
all docs

164
docs citations

164
times ranked

1330
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-efficient thermal treatment of sewage sludge for its application in blended cements. <i>Journal of Cleaner Production</i> , 2016, 112, 409-419.	4.6	99
2	Structural, mechanical and hygrothermal properties of lightweight concrete based on the application of waste plastics. <i>Construction and Building Materials</i> , 2018, 180, 1-11.	3.2	95
3	Eco-friendly concrete with scrap-tyre-rubber-based aggregate – Properties and thermal stability. <i>Construction and Building Materials</i> , 2019, 225, 709-722.	3.2	81
4	Hygrothermal performance study of an innovative interior thermal insulation system. <i>Applied Thermal Engineering</i> , 2009, 29, 1941-1946.	3.0	79
5	Salt transport and storage parameters of renovation plasters and their possible effects on restored buildings' walls. <i>Construction and Building Materials</i> , 2011, 25, 1205-1212.	3.2	78
6	Water Vapor Adsorption in Porous Building Materials: Experimental Measurement and Theoretical Analysis. <i>Transport in Porous Media</i> , 2012, 91, 939-954.	1.2	68
7	Valorization of wood chips ash as an eco-friendly mineral admixture in mortar mix design. <i>Waste Management</i> , 2018, 80, 89-100.	3.7	63
8	Complex Characterization and Behavior of Waste Fired Brick Powder-Portland Cement System. <i>Materials</i> , 2019, 12, 1650.	1.3	57
9	Water and salt transport and storage properties of MÅŕenÅ© sandstone. <i>Construction and Building Materials</i> , 2008, 22, 1736-1748.	3.2	56
10	Physical and chemical characterization of technogenic pozzolans for the application in blended cements. <i>Construction and Building Materials</i> , 2018, 160, 106-116.	3.2	55
11	Modified lime-cement plasters with enhanced thermal and hygric storage capacity for moderation of interior climate. <i>Energy and Buildings</i> , 2016, 126, 113-127.	3.1	54
12	Experimental Investigation of the Properties of Lime-Based Plaster-Containing PCM for Enhancing the Heat-Storage Capacity of Building Envelopes. <i>International Journal of Thermophysics</i> , 2014, 35, 767-782.	1.0	51
13	DSC and TG Analysis of a Blended Binder Based on Waste Ceramic Powder and Portland Cement. <i>International Journal of Thermophysics</i> , 2016, 37, 1.	1.0	50
14	Biomass ash-based mineral admixture prepared from municipal sewage sludge and its application in cement composites. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 159-171.	2.1	47
15	Experimental assessment of hygrothermal performance of an interior thermal insulation system using a laboratory technique simulating on-site conditions. <i>Energy and Buildings</i> , 2008, 40, 673-678.	3.1	45
16	Application of Effective Media Theory for Determination of Thermal Properties of Hollow Bricks as a Function of Moisture Content. <i>International Journal of Thermophysics</i> , 2013, 34, 894-908.	1.0	42
17	Properties of municipal solid waste incineration ashes with respect to their separation temperature. <i>Waste Management and Research</i> , 2012, 30, 1041-1048.	2.2	41
18	Apparent Thermal Properties of Phase-Change Materials: An Analysis Using Differential Scanning Calorimetry and Impulse Method. <i>International Journal of Thermophysics</i> , 2013, 34, 851-864.	1.0	41

#	ARTICLE	IF	CITATIONS
19	Carbon Dioxide Uptake by MOC-Based Materials. Applied Sciences (Switzerland), 2020, 10, 2254.	1.3	40
20	Synthesis, Structure, and Thermal Stability of Magnesium Oxychloride $5\text{Mg}(\text{OH})_2 \cdot \text{MgCl}_2 \cdot 8\text{H}_2\text{O}$. Applied Sciences (Switzerland), 2020, 10, 1683.	1.3	40
21	Hygric properties of porous building materials (VI): A round robin campaign. Building and Environment, 2020, 185, 107242.	3.0	39
22	Determination of Moisture Diffusivity using the Time Domain Reflectometry (TDR) Method. Journal of Building Physics, 2006, 30, 59-70.	1.2	37
23	Ternary Blended Binder for Production of a Novel Type of Lightweight Repair Mortar. Materials, 2019, 12, 996.	1.3	34
24	Experimental Analysis of MOC Composite with a Waste-Expanded Polypropylene-Based Aggregate. Materials, 2018, 11, 931.	1.3	33
25	Non-hydrophobized perlite renders for repair and thermal insulation purposes: Influence of different binders on their properties and durability. Construction and Building Materials, 2020, 263, 120617.	3.2	32
26	Effect of Moisture on Thermal Conductivity of Lime-Based Composites. International Journal of Thermophysics, 2009, 30, 1999-2014.	1.0	30
27	Assessment of packing, flowability, hydration kinetics, and strength of blended cements with illitic calcined shale. Construction and Building Materials, 2020, 254, 119042.	3.2	29
28	Thermal Stability and Kinetics of Formation of Magnesium Oxychloride Phase $3\text{Mg}(\text{OH})_2 \cdot \text{MgCl}_2 \cdot 8\text{H}_2\text{O}$. Materials, 2020, 13, 767.	1.3	28
29	High-performance magnesium oxychloride composites with silica sand and diatomite. Journal of Materials Research and Technology, 2021, 11, 957-969.	2.6	27
30	Thermal and hygric assessment of an inside-insulated brick wall: 2D critical experiment and computational analysis. Journal of Building Physics, 2018, 41, 497-520.	1.2	26
31	Service Life Assessment of Historical Building Envelopes Constructed Using Different Types of Sandstone: A Computational Analysis Based on Experimental Input Data. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	25
32	Towards novel building materials: High-strength nanocomposites based on graphene, graphite oxide and magnesium oxychloride. Applied Materials Today, 2020, 20, 100766.	2.3	24
33	Effect of cement composition on the early hydration of blended cements with natural zeolite. Journal of Thermal Analysis and Calorimetry, 2017, 128, 721-733.	2.0	23
34	Fabrication of Dodecanol/Diatomite Shape-Stabilized PCM and Its Utilization in Interior Plaster. International Journal of Thermophysics, 2018, 39, 1.	1.0	23
35	Application of genetic algorithm for determination of water vapor diffusion parameters of building materials. Journal of Building Physics, 2012, 35, 238-250.	1.2	21
36	Magnesium oxychloride-graphene composites: Towards high strength and water resistant materials for construction industry. FlatChem, 2021, 29, 100284.	2.8	21

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37	A Boltzmann transformation method for investigation of water vapor transport in building materials. <i>Journal of Building Physics</i> , 2012, 35, 213-223.	1.2	20
38	Monitoring Thermal Performance of Hollow Bricks with Different Cavity Fillers in Difference Climate Conditions. <i>International Journal of Thermophysics</i> , 2015, 36, 557-568.	1.0	20
39	Mortars with Crushed Lava Granulate for Repair of Damp Historical Buildings. <i>Materials</i> , 2019, 12, 3557.	1.3	20
40	Influence of Waste Plastic Aggregate and Water-Repellent Additive on the Properties of Lightweight Magnesium Oxychloride Cement Composite. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5463.	1.3	20
41	Application of Mixed Ceramic Powder in Cement Based Composites. <i>Advanced Materials Research</i> , 0, 1054, 177-181.	0.3	19
42	Influence of Wood-Based Biomass Ash Admixing on the Structural, Mechanical, Hygric, and Thermal Properties of Air Lime Mortars. <i>Materials</i> , 2019, 12, 2227.	1.3	19
43	Low-Carbon Composite Based on MOC, Silica Sand and Ground Porcelain Insulator Waste. <i>Processes</i> , 2020, 8, 829.	1.3	19
44	Properties of multi-layer renders with fly ash and boiler slag admixtures for salt-laden masonry. <i>Construction and Building Materials</i> , 2021, 278, 122366.	3.2	19
45	MOC Doped with Graphene Nanoplatelets: The Influence of the Mixture Preparation Technology on Its Properties. <i>Materials</i> , 2021, 14, 1450.	1.3	17
46	Effect of temperature on water vapor transport properties. <i>Journal of Building Physics</i> , 2014, 38, 156-169.	1.2	16
47	Magnesium Oxychloride Cement Composites with Silica Filler and Coal Fly Ash Admixture. <i>Materials</i> , 2020, 13, 2537.	1.3	16
48	Free of Volatile Organic Compounds Protection against Moisture in Building Materials/Zabezpieczenia Przegród Budowlanych Przed Wilgocią... Wolne Od Lotnych Związków Organicznych. <i>Ecological Chemistry and Engineering S</i> , 2014, 21, 401-411.	0.3	15
49	Classification of α -SiO ₂ Rich Materials. <i>Materials Science Forum</i> , 0, 824, 33-38.	0.3	13
50	Magnesium Oxychloride Cement Composites Lightened with Granulated Scrap Tires and Expanded Glass. <i>Materials</i> , 2020, 13, 4828.	1.3	13
51	Magnesium Oxychloride Cement Composites with MWCNT for the Construction Applications. <i>Materials</i> , 2021, 14, 484.	1.3	13
52	Wet-Treated MSWI Fly Ash Used as Supplementary Cementitious Material. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-8.	1.0	12
53	Theoretical and Experimental Analysis of Moisture-Dependent Thermal Conductivity of Lightweight Ceramic Bricks. <i>International Journal of Thermophysics</i> , 2014, 35, 1912-1921.	1.0	11
54	Water Vapor Diffusion and Adsorption of Sandstones: Influence of Rock Texture and Composition. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-7.	1.0	10

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55	Regolith-based magnesium oxychloride composites doped by graphene: Novel high-performance building materials for lunar constructions. <i>FlatChem</i> , 2021, 26, 100234.	2.8	10
56	Experimental Assessment of Thermal Conductivity of a Brick Block with Internal Cavities Using a Semi-scale Experiment. <i>International Journal of Thermophysics</i> , 2013, 34, 909-915.	1.0	9
57	In-situ analysis of hygric performance of piaristic monastery building. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	8
58	The Impact of Graphene and Diatomite Admixtures on the Performance and Properties of High-Performance Magnesium Oxychloride Cement Composites. <i>Materials</i> , 2020, 13, 5708.	1.3	8
59	Foam Glass Lightened Sorel's Cement Composites Doped with Coal Fly Ash. <i>Materials</i> , 2021, 14, 1103.	1.3	8
60	Zeolite Lightweight Repair Renders: Effect of Binder Type on Properties and Salt Crystallization Resistance. <i>Materials</i> , 2021, 14, 3760.	1.3	8
61	Application of TDR Method for Moisture Profiles Measurement in Cellular Concrete. <i>Advanced Materials Research</i> , 0, 982, 11-15.	0.3	7
62	Lightweight Vapor-Permeable Plasters for Building Repair Detailed Experimental Analysis of the Functional Properties. <i>Materials</i> , 2021, 14, 2613.	1.3	7
63	Effect of Aggregate and Binder Type on the Functional and Durability Parameters of Lightweight Repair Mortars. <i>Sustainability</i> , 2021, 13, 11780.	1.6	7
64	Coagulated silica - a-SiO ₂ admixture in cement paste. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	6
65	Influence of various amount of diatomaceous earth used as cement substitute on mechanical properties of cement paste. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	6
66	Thermal properties of light-weight concrete with waste polypropylene aggregate. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	6
67	Mechanical and thermal properties of light-weight concrete with incorporated waste tire rubber as coarse aggregate. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	6
68	Ultra-high strength multicomponent composites based on reactive magnesia: Tailoring of material properties by addition of 1D and 2D carbon nanoadditives. <i>Journal of Building Engineering</i> , 2022, 50, 104122.	1.6	6
69	Magnesium Potassium Phosphate Cement-Based Derivatives for Construction Use: Experimental Assessment. <i>Materials</i> , 2022, 15, 1896.	1.3	6
70	Effect of Heating and Cooling Mode on Temperature and Enthalpy of Phase Changes in PCM Modified Plaster. <i>Applied Mechanics and Materials</i> , 0, 595, 149-154.	0.2	5
71	Thermal Behaviour of New Type of Plaster with PCM Admixture. <i>Applied Mechanics and Materials</i> , 0, 710, 3-7.	0.2	5
72	Properties of lightweight cement-based composites containing waste polypropylene. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	5

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73	Moisture induced strains in spruce from homogenization and transient moisture transport analysis. Computers and Structures, 2019, 220, 114-130.	2.4	5
74	MOC-Diatomite Composites Filled with Multi-Walled Carbon Nanotubes. Materials, 2021, 14, 4576.	1.3	5
75	Long-term monitoring of the Sedlec Ossuary â€™ Analysis of hygrothermal conditions. AIP Conference Proceedings, 2016, , .	0.3	4
76	Thermophysical properties of hydrophobised lime plaster â€™ Experimental analysis of moisture effect. AIP Conference Proceedings, 2016, , .	0.3	4
77	Application of infrared thermography in complex moisture inspection of the Schebek Palace. AIP Conference Proceedings, 2017, , .	0.3	4
78	Thermal properties of high performance fiber reinforced concrete. AIP Conference Proceedings, 2018, , .	0.3	4
79	Assessment of wood chips ash as efficient admixture in foamed glass-MOC composites. Journal of Materials Research and Technology, 2022, 19, 2287-2300.	2.6	4
80	Influence of PCM Admixture on Thermal Behavior of Composite Plaster. Advanced Materials Research, 0, 1054, 209-214.	0.3	3
81	Applicability of contemporary ceramic bricks for the reconstruction of historical masonry. AIP Conference Proceedings, 2015, , .	0.3	3
82	Parameters describing the coupled water and nitrate transport and storage in materials of historical masonry. AIP Conference Proceedings, 2015, , .	0.3	3
83	The Effect of Elevated Temperature on High Performance Fiber Reinforced Concrete. Materials Science Forum, 0, 824, 191-195.	0.3	3
84	The influence of inner hydrophobisation on water transport properties of modified lime plasters. AIP Conference Proceedings, 2016, , .	0.3	3
85	UHPRFC at high temperatures â€™ Simultaneous thermal analysis and thermodilatometry. AIP Conference Proceedings, 2016, , .	0.3	3
86	Hydration of blended cement pastes containing waste ceramic powder as a function of age. AIP Conference Proceedings, 2016, , .	0.3	3
87	Simultaneous thermal analysis and thermodilatometry of hybrid fiber reinforced UHPC. AIP Conference Proceedings, 2017, , .	0.3	3
88	Effect of silica fume on hydration of air-cured blended cement pastes measured by DSC/TG analysis. AIP Conference Proceedings, 2017, , .	0.3	3
89	Properties of cement based composites modified using diatomaceous earth. AIP Conference Proceedings, 2017, , .	0.3	3
90	Moisture buffer capacity of cement-lime plasters with enhanced thermal storage capacity. AIP Conference Proceedings, 2017, , .	0.3	3

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91	Chapel of cemetery church of all saints in Sedlec – Long-term analysis of hygrothermal conditions. AIP Conference Proceedings, 2017, , .	0.3	3
92	Properties of cement based mortars enriched with diatomaceous earth. AIP Conference Proceedings, 2019, , .	0.3	3
93	Kinetics of formation and thermal stability of $Mg_2(OH)_3Cl \cdot 4H_2O$. AIP Conference Proceedings, 2019, , .	0.3	3
94	Magnesium Oxybromides MOB-318 and MOB-518: Brominated Analogues of Magnesium Oxychlorides. Applied Sciences (Switzerland), 2020, 10, 4032.	1.3	3
95	Changes of wetting properties and surface free energy at the time of hydrophobized concretes with boiler slag and coal combustion dust. AIP Conference Proceedings, 2020, , .	0.3	3
96	Thermogravimetry of Portland Cement from Argentina and Czech Republic. Advanced Materials Research, 0, 1126, 169-173.	0.3	2
97	Characterization of a lime-pozzolan plaster containing phase change material. AIP Conference Proceedings, 2015, , .	0.3	2
98	Utilization of the PCM latent heat for energy savings in buildings. AIP Conference Proceedings, 2017, , .	0.3	2
99	The use of glass powder as a partial Portland cement replacement. AIP Conference Proceedings, 2017, , .	0.3	2
100	Chemical and thermal analysis of biomass ash from wooden chips and wheat straw combustion. AIP Conference Proceedings, 2017, , .	0.3	2
101	Thermal properties of lightweight concrete with scrap tire rubber-based aggregate. AIP Conference Proceedings, 2018, , .	0.3	2
102	Structural, mechanical and thermal properties of lightweight magnesium oxychloride cement concrete. AIP Conference Proceedings, 2019, , .	0.3	2
103	Properties of Fine-Grained Concrete with Admixture of Diatomite Powder. IOP Conference Series: Materials Science and Engineering, 2019, 603, 022045.	0.3	2
104	Influence of annealing on thermal properties of ultra high performance fiber reinforced concrete. AIP Conference Proceedings, 2019, , .	0.3	2
105	The hydrophobization of high strength concretes with plastic waste. AIP Conference Proceedings, 2020, , .	0.3	2
106	Is TDR method applicable for moisture content measurement in salt laden materials?. AIP Conference Proceedings, 2020, , .	0.3	2
107	Thermal properties of air lime lightweight mortars. AIP Conference Proceedings, 2020, , .	0.3	2
108	Identification of water vapour transport properties of gypsum using evolutionary algorithms. , 2012, , .		1

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109	Heat and Water Vapor Transport Properties of Sandwich Composite with Aerogel Insulation. Advanced Materials Research, 0, 1126, 143-147.	0.3	1
110	Diatomite/Palm Wax Composite as a Phase Change Material for Latent Heat Storage. Advanced Materials Research, 2015, 1126, 33-38.	0.3	1
111	Ceramic Waste Powder as an Active Pozzolanic Material for Cement Based Composites. Materials Science Forum, 0, 824, 55-59.	0.3	1
112	Latent Heat Storage in Plasters with Incorporated PCM Water Dispersion. Materials Science Forum, 0, 824, 1-6.	0.3	1
113	Effect of cation type on chloride binding in building stones. AIP Conference Proceedings, 2015, , .	0.3	1
114	Computational modeling of latent-heat-storage in PCM modified interior plaster. AIP Conference Proceedings, 2016, , .	0.3	1
115	High-temperature testing of high performance fiber reinforced concrete. AIP Conference Proceedings, 2016, , .	0.3	1
116	Influence of the Heating and Cooling Rate on Thermal Performance of Cement-Lime Plaster with PCM Admixture. Key Engineering Materials, 0, 677, 150-154.	0.4	1
117	Cement-Lime Plaster with PCM Addition – A Perspective Material for Moderation of Interior Climate. Key Engineering Materials, 0, 707, 43-50.	0.4	1
118	Calculation of k factor function for the carbonation process of lime-based plasters. AIP Conference Proceedings, 2017, , .	0.3	1
119	Microclimate of a former treasury in Cathedral of Assumption of Our Lady and Saint John the Baptist in Sedlec – Long-time analysis. AIP Conference Proceedings, 2018, , .	0.3	1
120	Properties of lightweight composite modified by active siliceous admixture. AIP Conference Proceedings, 2018, , .	0.3	1
121	Chemical composition, thermal analysis and pozzolanic activity of biomass ash from Miscanthus. AIP Conference Proceedings, 2018, , .	0.3	1
122	Thermal properties of lime-based plasters with expanded glass granulate. AIP Conference Proceedings, 2019, , .	0.3	1
123	Properties of alkali-activated composites containing biomass ash. AIP Conference Proceedings, 2019, , .	0.3	1
124	Diatomite powder as pozzolana active mineral admixture in mortar mix composition. AIP Conference Proceedings, 2020, , .	0.3	1
125	The influence of graphene specific surface on material properties of MOC-based composites for construction use. Journal of Building Engineering, 2021, 43, 103193.	1.6	1
126	High Temperature Exposure of HPC – Experimental Analysis of Residual Properties and Thermal Response. MATEC Web of Conferences, 2016, 63, 01004.	0.1	1

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127	MOC Cement-Based Composites with Silica Filler and Wood Chips Ash Admixture. IOP Conference Series: Materials Science and Engineering, 0, 960, 022081.	0.3	1
128	Influence of Graphite Oxide Addition on the Properties of Magnesium Oxychloride Cement Composites. IOP Conference Series: Materials Science and Engineering, 0, 960, 022080.	0.3	1
129	Moisture diffusivity of natural hydraulic lime-based plasters with incorporated perlite aggregate. AIP Conference Proceedings, 2020, , .	0.3	1
130	Co-Doped Magnesium Oxychloride Composites with Unique Flexural Strength for Construction Use. Materials, 2022, 15, 604.	1.3	1
131	Magnesia-based cement composites with recycled waste tire rubber filler. AIP Conference Proceedings, 2022, , .	0.3	1
132	Phase Change Materials: A Prospective Solution for Surface Layers of Building Envelopes. Applied Mechanics and Materials, 0, 749, 415-419.	0.2	0
133	Thermal Properties of Cement Based Composites with Municipal Solid Waste Incinerator Fly Ash Accessed by Two Different Transient Methods. Medziagotyra, 2016, 22, .	0.1	0
134	Laboratory testing of a building envelope segment based on cellular concrete. AIP Conference Proceedings, 2016, , .	0.3	0
135	Properties of a Sandwich Thermal Insulation Composite with Silica Aerogel. Key Engineering Materials, 2016, 707, 114-121.	0.4	0
136	Preparation of fine powdered composite for latent heat storage. AIP Conference Proceedings, 2016, , .	0.3	0
137	Thermal properties of SFR-HPC exposed to high temperatures. AIP Conference Proceedings, 2017, , .	0.3	0
138	Salt attack in parking garage in block of flats. AIP Conference Proceedings, 2017, , .	0.3	0
139	Liquid moisture diffusivity of environmentally exposed plasters accessed by inverse analysis. AIP Conference Proceedings, 2017, , .	0.3	0
140	Moisture diffusivity of HPFRC exposed to high temperatures. AIP Conference Proceedings, 2017, , .	0.3	0
141	Thermophysical properties of hydrophobised lime plasters – The influence of ageing. AIP Conference Proceedings, 2017, , .	0.3	0
142	Long-time assessment of hygrothermal conditions of the Sedlec charnel house. AIP Conference Proceedings, 2018, , .	0.3	0
143	Thermal, mechanical and structural properties of mortars for rehabilitation of buildings contaminated by chlorides. AIP Conference Proceedings, 2018, , .	0.3	0
144	Hybrid fiber reinforced HPC at elevated temperatures – Analysis of thermal properties. AIP Conference Proceedings, 2018, , .	0.3	0

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145	Moisture diffusivity of hydrophobized lime-based renders. AIP Conference Proceedings, 2018, , .	0.3	0
146	Inverse analysis of moisture profiles for the assessment of moisture diffusivity of hybrid fiber reinforced UHPC. AIP Conference Proceedings, 2018, , .	0.3	0
147	The use of coagulated silica as active mineral admixture in cement-based fine grained mortars. AIP Conference Proceedings, 2018, , .	0.3	0
148	Mechanical parameters of different kinds of renders exposed to sodium sulfate solution. AIP Conference Proceedings, 2019, , .	0.3	0
149	Hygric parameters of lightweight mortar accessed by combined computational-experimental approach. AIP Conference Proceedings, 2019, , .	0.3	0
150	Hygric and thermal properties of lime plasters modified with wood chips ash-based mineral admixture. AIP Conference Proceedings, 2019, , .	0.3	0
151	Verification of computational model for the assessment of interior thermal insulation systems using a laboratory critical experiment. AIP Conference Proceedings, 2019, , .	0.3	0
152	Moisture-transport and thermal properties of mortars prepared from blended cement-biomass ash binder. AIP Conference Proceedings, 2020, , .	0.3	0
153	Properties of foamed fine-grained composites containing active mineral admixture. AIP Conference Proceedings, 2020, , .	0.3	0
154	Application of the TDR measuring technique for in-situ measurements using surface probes. Budownictwo I Architektura, 2020, 8, 097-106.	0.1	0
155	The influence of elevated temperatures on thermal properties of concrete with crumb rubber. AIP Conference Proceedings, 2020, , .	0.3	0
156	Calculation of the development of the Portlandite content based on FT-IR spectroscopy data. AIP Conference Proceedings, 2020, , .	0.3	0
157	High temperature dilatometric measurement of MOC. AIP Conference Proceedings, 2020, , .	0.3	0
158	Thermal stability and kinetics of formation of $Mg_3(OH)_5Cl \cdot 4 H_2O$. AIP Conference Proceedings, 2020, , .	0.3	0
159	Thermophysical parameters of MOC-based composite with fly ash admixture. AIP Conference Proceedings, 2020, , .	0.3	0
160	Highly-reactive nanoscale MgO precursor for fast synthesis of magnesium oxychlorides. AIP Conference Proceedings, 2022, , .	0.3	0
161	The brucite content calculation in the MOC composites. AIP Conference Proceedings, 2022, , .	0.3	0
162	Thermal properties of mortars with sand/zeolite aggregate. AIP Conference Proceedings, 2022, , .	0.3	0

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163	Enhancement of structural and mechanical properties of magnesium oxychloride cement due to graphene addition. AIP Conference Proceedings, 2022, , .	0.3	0