

# João M P Q Delgado

## List of Publications by Year in descending order

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Version: 2024-02-01

179  
papers

2,112  
citations

331538

21  
h-index

276775

41  
g-index

204  
all docs

204  
docs citations

204  
times ranked

2033  
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical review of dispersion in packed beds. Heat and Mass Transfer, 2006, 42, 279-310.	1.2	386
2	Longitudinal and Transverse Dispersion in Porous Media. Chemical Engineering Research and Design, 2007, 85, 1245-1252.	2.7	220
3	Infrared thermography for assessing moisture related phenomena in building components. Construction and Building Materials, 2016, 110, 251-269.	3.2	111
4	A CRITICAL REVIEW OF HYGROTHERMAL MODELS USED IN POROUS BUILDING MATERIALS. Journal of Porous Media, 2010, 13, 221-234.	1.0	70
5	Molecular Diffusion Coefficients of Organic Compounds in Water at Different Temperatures. Journal of Phase Equilibria and Diffusion, 2007, 28, 427-432.	0.5	59
6	A Simple Experimental Technique to Measure Tortuosity in Packed Beds. Canadian Journal of Chemical Engineering, 2006, 84, 651-655.	0.9	59
7	Reliability of the pull-off test for in situ evaluation of adhesion strength. Construction and Building Materials, 2012, 31, 86-93.	3.2	54
8	Effect of fluid properties on dispersion in flow through packed beds. AIChE Journal, 2003, 49, 1980-1985.	1.8	51
9	Influence of finishing coatings on hygroscopic moisture buffering in building elements. Construction and Building Materials, 2010, 24, 2590-2597.	3.2	50
10	Overall map and correlation of dispersion data for flow through granular packed beds. Chemical Engineering Science, 2005, 60, 365-375.	1.9	44
11	Mathematical analysis of the evaporative process of a new technological treatment of rising damp in historic buildings. Building and Environment, 2010, 45, 2414-2420.	3.0	43
12	Transport Processes in Porous Media. Advanced Structured Materials, 2012, , .	0.3	38
13	Salt Damage and Rising Damp Treatment in Building Structures. Advances in Materials Science and Engineering, 2016, 2016, 1-13.	1.0	36
14	Lateral dispersion in liquid flow through packed beds at $Pe_m < 1,400$ . AIChE Journal, 2000, 46, 1089-1095.	1.8	34
15	Use of Nondestructive Testing of Ultrasound and Artificial Neural Networks to Estimate Compressive Strength of Concrete. Buildings, 2021, 11, 44.	1.4	30
16	Interface influence on moisture transport in buildings. Construction and Building Materials, 2018, 162, 480-488.	3.2	29
17	Title is missing!. , 2001, 44, 165-180.		28
18	Rising damp in walls: Evaluation of the level achieved by the damp front. Journal of Building Physics, 2013, 37, 6-27.	1.2	28

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19	The &#x201C;Humivent&#x201D; Device for Rising Damp Treatment. Recent Patents on Engineering, 2011, 5, 233-240.	0.3	26
20	Can Moisture Buffer Performance be Estimated from Sorption Kinetics?. Journal of Building Physics, 2006, 29, 281-299.	1.2	24
21	Rising damp in building walls: the wall base ventilation system. Heat and Mass Transfer, 2012, 48, 2079-2085.	1.2	24
22	Indoor hygrothermal conditions and quality of life in social housing: A comparison between two neighbourhoods. Sustainable Cities and Society, 2018, 38, 80-90.	5.1	21
23	Mass transfer between flowing fluid and sphere buried in packed bed of inerts. AIChE Journal, 2004, 50, 65-74.	1.8	19
24	Artificial neural networks to assess the useful life of reinforced concrete elements deteriorated by accelerated chloride tests. Journal of Building Engineering, 2020, 31, 101445.	1.6	18
25	Mass transfer from a large sphere buried in a packed bed along which liquid flows. Chemical Engineering Science, 1999, 54, 1121-1129.	1.9	17
26	Water movement in building walls: interfaces influence on the moisture flux. Heat and Mass Transfer, 2016, 52, 2415-2422.	1.2	15
27	Preliminary Analysis of the Use of Construction Waste to Replace Conventional Aggregates in Concrete. Buildings, 2021, 11, 81.	1.4	15
28	A NEW METHODOLOGY FOR EVALUATING THE SAFE TEMPERATURE IN CONTINUOUS WELDED RAIL TRACKS. International Journal of Structural Stability and Dynamics, 2013, 13, 1350016.	1.5	14
29	Intermittent Drying: Fundamentals, Modeling and Applications. Advanced Structured Materials, 2016, , 19-41.	0.3	14
30	Inter-laboratory variability results of porous building materials hygrothermal properties. Construction and Building Materials, 2017, 156, 412-423.	3.2	14
31	Experimental data of solubility at different temperatures: a simple technique. Heat and Mass Transfer, 2007, 43, 1311-1316.	1.2	13
32	Impact of MG2+and Tara Gum Concentrations on Flow and Textural Properties of WPI Solutions and Cold-Set Gels. International Journal of Food Properties, 2010, 13, 972-982.	1.3	13
33	Exterior condensations on faÃ§ades: numerical simulation of the undercooling phenomenon. Journal of Building Performance Simulation, 2013, 6, 337-345.	1.0	13
34	Numerical Simulation of the Vibration Behavior of Curved Carbon Nanotubes. Advances in Materials Science and Engineering, 2014, 2014, 1-9.	1.0	13
35	Linking Energy Poverty with Thermal Building Regulations and Energy Efficiency Policies in Portugal. Energies, 2022, 15, 329.	1.6	13
36	Mass transfer from cylinders and plane surfaces buried in packed beds in alignment with the flow direction. Chemical Engineering Science, 2006, 61, 1174-1183.	1.9	12

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37	Analysis and Monitoring of the Drying Process of a Hygro-Regulated Wall Base Ventilation System Implemented in a Historical Church to Control Rising Damp. <i>Drying Technology</i> , 2013, 31, 385-392.	1.7	12
38	Numerical Analysis of the Energy Improvement of Plastering Mortars with Phase Change Materials. <i>Advances in Materials Science and Engineering</i> , 2014, 2014, 1-12.	1.0	12
39	Phase Change Material Melting Process in a Thermal Energy Storage System for Applications in Buildings. <i>Energies</i> , 2020, 13, 3254.	1.6	12
40	Technological performance of recycled waste paper cellulosic fibre reinforced cement-based mortars. <i>Journal of Building Pathology and Rehabilitation</i> , 2021, 6, 1.	0.7	12
41	Hygrothermal properties applied in numerical simulation: Interstitial condensation analysis. <i>Journal of Building Appraisal</i> , 2009, 5, 161-170.	0.4	11
42	Durability of Concrete Structures with Sugar Cane Bagasse Ash. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-16.	1.0	11
43	Influence of the contact area in the adherence of mortar “ Ceramic tiles interface. <i>Construction and Building Materials</i> , 2020, 243, 118274.	3.2	11
44	Treatment of rising damp in historic buildings: Experimental campaign of wall base ventilation and interface effect analysis. <i>Journal of Cultural Heritage</i> , 2016, 20, 733-738.	1.5	10
45	Procedures in the construction of a test reference year for Porto-Portugal and implications for hygrothermal simulation. <i>Sustainable Cities and Society</i> , 2017, 32, 397-410.	5.1	10
46	Application of different transient sorption methods to evaluate moisture diffusion coefficients of building materials on the hygroscopic range. <i>Journal of Building Physics</i> , 2012, 35, 251-266.	1.2	9
47	Structural performance of unreinforced masonry elements made with concrete and horizontally perforated ceramic blocks “ Laboratory tests. <i>Construction and Building Materials</i> , 2018, 182, 20-34.	3.2	9
48	The Influence of Hygroscopic Materials on the Fluctuation of Relative Humidity in Museums Located in Historical Buildings. <i>Studies in Conservation</i> , 2020, 65, 127-141.	0.6	9
49	Mass Transfer from a Plane Surface Immersed in a Porous Medium with a Moving Fluid. <i>Chemical Engineering Research and Design</i> , 2007, 85, 386-394.	2.7	8
50	Probabilistic Risk Assessment Methodology of Exterior Surfaces Defacement Caused by Algae Growth. <i>Journal of Construction Engineering and Management - ASCE</i> , 2014, 140, 05014012.	2.0	8
51	The Effect of Salt Solutions in the Capillarity Absorption Coefficient of Red Brick Samples. <i>Defect and Diffusion Forum</i> , 0, 369, 168-172.	0.4	8
52	Hydrodynamic and Performance Evaluation of a Porous Ceramic Membrane Module Used on the Water“Oil Separation Process: An Investigation by CFD. <i>Membranes</i> , 2021, 11, 121.	1.4	8
53	Mortar Bond Strength: A Brief Literature Review, Tests for Analysis, New Research Needs and Initial Experiments. <i>Materials</i> , 2022, 15, 2332.	1.3	8
54	A simple and inexpensive technique to measure molecular diffusion coefficients. <i>Journal of Phase Equilibria and Diffusion</i> , 2005, 26, 447.	0.5	7

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55	Assessing the durability of mortars tiles – A contribution for a prediction model. <i>Engineering Failure Analysis</i> , 2014, 44, 36-45.	1.8	7
56	Wall-Base Ventilation System to Control Rising Damp: A Case Study of Vilar de Frades Historical Church in Portugal. <i>International Journal of Architectural Heritage</i> , 2015, 9, 859-865.	1.7	7
57	Health and living conditions in social housing: comparison between rehabilitated and non-rehabilitated neighbourhoods. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2016, 24, 535-544.	0.8	7
58	Industrial Ceramic Blocks for Buildings: Clay Characterization and Drying Experimental Study. <i>Energies</i> , 2020, 13, 2834.	1.6	7
59	Advanced Manufacturing in Civil Engineering. <i>Energies</i> , 2021, 14, 4474.	1.6	7
60	Characterization of a Hygro-Regulated Wall Base Ventilation System for Treatment of Rising Damp. <i>Defect and Diffusion Forum</i> , 2012, 326-328, 54-59.	0.4	6
61	Numerical Simulation of Rising Damp Phenomenon. <i>Defect and Diffusion Forum</i> , 2012, 326-328, 48-53.	0.4	6
62	Transport Phenomena in Porous Structures. <i>Advanced Structured Materials</i> , 2012, , 39-85.	0.3	6
63	Synthetic Fiber-Reinforced Polymer Composite Manufactured by Resin Transfer Molding Technique: Foundations and Engineering Applications. , 0, 14, 21-42.		6
64	On the Use of Embedded Fiber Optic Sensors for Measuring Early-Age Strains in Concrete. <i>Sensors</i> , 2021, 21, 4171.	2.1	6
65	Infrared Thermography Application in Buildings Diagnosis: A Proposal for Test Procedures. <i>Advanced Structured Materials</i> , 2013, , 91-117.	0.3	6
66	Thermal and Rheological Characterization of Recycled PET/Virgin HDPE Blend Compatibilized with PE-g-MA and an Epoxy Chain Extender. <i>Polymers</i> , 2022, 14, 1144.	2.0	6
67	Mass transfer and dispersion around an active cylinder in cross flow and buried in a packed bed. <i>Heat and Mass Transfer</i> , 2006, 42, 1119-1128.	1.2	5
68	A Wall Base Ventilation System Applied at Different Wall Geometries – Numerical Simulation of the Evaporative Process. <i>Drying Technology</i> , 2012, 30, 1-12.	1.7	5
69	Degradation Control of Walls with Rising Damp Problems. <i>Defect and Diffusion Forum</i> , 0, 334-335, 31-36.	0.4	5
70	The Effect of Salt Solutions and Absorption Cycles in the Capillary and Drying Coefficient of Red Brick Samples with Different Joints. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-12.	1.0	5
71	Drying Process in Electromagnetic Fields. <i>Advanced Structured Materials</i> , 2016, , 89-110.	0.3	5
72	PCM Current Applications and Thermal Performance. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , 35-70.	0.2	5

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73	FEM Applied to Building Physics: Modeling Solar Radiation and Heat Transfer of PCM Enhanced Test Cells. <i>Energies</i> , 2020, 13, 2200.	1.6	5
74	Diffusion cloud around and downstream of active sphere immersed in granular bed through which fluid flows. <i>Chemical Engineering Science</i> , 2007, 62, 2813-2820.	1.9	4
75	Water Sorption Isotherms and Textural Properties of Biodegradable Starch-Based Superabsorbent Polymers. <i>Defect and Diffusion Forum</i> , 2009, 283-286, 565-570.	0.4	4
76	Application of hybrid and moment methods to the measurement of moisture diffusion coefficients of building materials. <i>Heat and Mass Transfer</i> , 2011, 47, 1491-1498.	1.2	4
77	NUMERICAL SIMULATION OF TRANSIENT MOISTURE TRANSPORT FOR HYGROSCOPIC INERTIA ASSESSMENT. <i>Journal of Porous Media</i> , 2012, 15, 793-804.	1.0	4
78	Influence of indoor hygrothermal conditions on human quality of life in social housing. <i>Journal of Public Health Research</i> , 2015, 4, 589.	0.5	4
79	Advances in Building Technologies and Construction Materials. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-3.	1.0	4
80	Rising damp in Portuguese cultural heritage – a flood risk map. <i>Structural Survey</i> , 2016, 34, 43-56.	1.0	4
81	Drying Kinetics of Building Materials: Brief Theory and Experimental Evaluation. , 0, 7, 114-127.		4
82	Ultrasonic Assessment of Damage in Concrete under Compressive and Thermal Loading Using Longitudinal and Transverse Waves. <i>Russian Journal of Nondestructive Testing</i> , 2019, 55, 808-816.	0.3	4
83	Influence of hydraulic contact interface on drying process of masonry walls. <i>Drying Technology</i> , 2020, 38, 1121-1137.	1.7	4
84	Diagnosis and Assessment of Deep Pile Cap Foundation of a Tall Building Affected by Internal Expansion Reactions. <i>Buildings</i> , 2021, 11, 104.	1.4	4
85	Cyclone: Their Characteristics and Drying Technological Applications. <i>Advanced Structured Materials</i> , 2013, , 1-36.	0.3	4
86	Experimental Values of Solubility of Organic Compounds in Water for a Wide Range of Temperature Values – A New Experimental Technique. <i>Defect and Diffusion Forum</i> , 2010, 297-301, 1244-1249.	0.4	3
87	Treatment of Rising Damp in Historical Buildings. <i>Advanced Structured Materials</i> , 2012, , 1-23.	0.3	3
88	The constructal law: From man-made flow systems to pedestrian flows. <i>Physics of Life Reviews</i> , 2013, 10, 197-198.	1.5	3
89	Wetting and Drying of External Surfaces with ETICS Systems. <i>Defect and Diffusion Forum</i> , 0, 334-335, 343-348.	0.4	3
90	The Interface Effect in the Water Absorption in Ceramic Brick. <i>Energy Procedia</i> , 2015, 78, 1395-1400.	1.8	3

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91	Advances in Building Technologies and Construction Materials 2016. Advances in Materials Science and Engineering, 2016, 2016, 1-2.	1.0	3
92	Effect of salts and absorption cycles in the capillary coefficient of building materials with different joints. Bauphysik, 2016, 38, 348-354.	1.2	3
93	The Effect of Soluble Mineral Salts in Ceramic Brick Masonry. International Journal of Civil Engineering, 2020, 18, 685-699.	0.9	3
94	Food Dehydration: Fundamentals, Modelling and Applications. Advanced Structured Materials, 2014, , 69-94.	0.3	3
95	Air Drying Technologies Applied to Buildings Treatment. Building Pathology and Rehabilitation, 2014, , 1-26.	0.1	3
96	Durability Assessment of Adhesive Systems for Bonding Ceramic Tiles on Façades: The Research and the Practice. Building Pathology and Rehabilitation, 2013, , 173-205.	0.1	3
97	A Simple and Inexpensive Technique to Measure Molecular Diffusion Coefficients. Journal of Phase Equilibria and Diffusion, 2005, 26, 447-451.	0.5	3
98	Behind the Manufacturing of Industrial Clay Bricks: Drying Stage Predictions Using CFD. Advances in Materials Science and Engineering, 2022, 2022, 1-15.	1.0	3
99	Energy-Efficiency Passive Strategies for Mediterranean Climate: An Overview. Energies, 2022, 15, 2572.	1.6	3
100	Mass Transfer Around a Spheroid Buried in Granular Beds of Small Inert Particles and Exposed to Fluid Flow. Chemical Engineering and Technology, 2007, 30, 797-801.	0.9	2
101	Concentration distribution in the wake of a sphere buried in a granular bed through which fluid flows. Heat and Mass Transfer, 2008, 44, 1427-1434.	1.2	2
102	Performance and Modelling of Water Vapour Adsorption in Piles of Granules Using a Cylindrical Pore Model. Defect and Diffusion Forum, 2011, 312-315, 1155-1160.	0.4	2
103	Optimisation of Envelope Insulation for the Retrofit of an Educational Building. Defect and Diffusion Forum, 0, 312-315, 1137-1142.	0.4	2
104	Nanotechnology for Energy and Environment. Advances in Materials Science and Engineering, 2014, 2014, 1-2.	1.0	2
105	Hygrothermal Performance and Degradation of Gypsum Houses in Different Brazilian Climates. , 2015, 3, 137-149.		2
106	Numerical Analysis of Hygrothermal Building Performance of Gypsum Houses in Brazil. , 2017, 10, 132-148.		2
107	Liquid Injection Molding Process in the Manufacturing of Fibrous Composite Materials: Theory, Advanced Modeling and Engineering Applications. Advanced Structured Materials, 2018, , 251-272.	0.3	2
108	A New Design of Tubular Ceramic Membrane Module for Oily Water Treatment: Multiphase Flow Behavior and Performance Evaluation. Membranes, 2020, 10, 403.	1.4	2

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109	Numerical Analysis of Bottle-Shaped Isolated Struts Concrete Deteriorated by Delayed Ettringite Formation. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 0, , 1.	1.0	2
110	Diagnostic of Concrete Samples of Pile Caps Affected by Internal Swelling Reactions. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 0, , 1.	1.0	2
111	Porous Materials Drying Model Based on the Thermodynamics of Irreversible Processes: Background and Application. Advanced Structured Materials, 2014, , 1-23.	0.3	2
112	Wetting and Drying Kinetics of Building Materials. Building Pathology and Rehabilitation, 2014, , 51-69.	0.1	2
113	Numerical Analysis of Mass Transfer Around a Sphere Buried in Porous Media: Concentration Contours and Boundary Layer Thickness. Advanced Structured Materials, 2012, , 1-25.	0.3	2
114	Inputs for Hygrothermal Simulation Tools. SpringerBriefs in Applied Sciences and Technology, 2013, , 7-20.	0.2	2
115	MOISTURE TRANSPORT ACROSS PERFECT CONTACT INTERFACE OF CERAMIC BLOCKS. Journal of Porous Media, 2020, 23, 101-119.	1.0	2
116	Knee Point Detection in Water Absorption Curves: Hygric Resistance in Multilayer Building Materials. Building Pathology and Rehabilitation, 2021, , 17-39.	0.1	2
117	Advances and New Challenges for Recycled Aggregate Concrete. Advances in Materials Science and Engineering, 2021, 2021, 1-2.	1.0	2
118	Mass transfer and concentration contours between an oblate spheroid buried in granular beds and a flowing fluid. Chemical Engineering Research and Design, 2009, 87, 1667-1671.	2.7	1
119	Study of Moisture Buffering in Building Materials with Application of Sorption Kinetics Models. Defect and Diffusion Forum, 0, 297-301, 1232-1237.	0.4	1
120	Cold-Set Whey Protein Isolate Gels: The Influence of Aggregates Concentration on Viscoelastic Properties. Defect and Diffusion Forum, 2011, 312-315, 1143-1148.	0.4	1
121	Drying Kinetics of External Thermal Insulation Composite Systems (ETICS). Defect and Diffusion Forum, 2012, 326-328, 662-667.	0.4	1
122	The Effect of Shading Devices in Rising Damp Phenomenon of Historical Buildings. Defect and Diffusion Forum, 2012, 326-328, 668-673.	0.4	1
123	Hygrothermal Simulation Tools. SpringerBriefs in Applied Sciences and Technology, 2013, , 21-45.	0.2	1
124	The Influence of some Physical Variables in the Capillarity Rise of Different Monolithic Walls. Defect and Diffusion Forum, 0, 334-335, 37-42.	0.4	1
125	Moisture Measuring Device Based on Non-Destructive Method of Gamma Ray's Attenuation. Defect and Diffusion Forum, 2017, 380, 55-59.	0.4	1
126	Resin Flow in Porous-Fibrous Media: An Application to Polymer Composite Manufacturing. , 2018, 20, 1-15.		1



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127	Hygrothermal performance of Brazilian gypsum walls. <i>Journal of Building Physics</i> , 2019, 42, 605-626.	1.2	1
128	Impregnation of PCMs in Building Materials. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , 17-34.	0.2	1
129	Influence of Different Joints on Moisture Transport in Building Walls - A Brief Review. , 2019, 22, 19-23.		1
130	Drying of Sisal Fiber: A Numerical Analysis by Finite-Volumes. <i>Energies</i> , 2021, 14, 2514.	1.6	1
131	Avaliação experimental dos fatores de influência na aderência de revestimentos de gesso em pasta. <i>Ambiente Construído</i> , 2021, 21, 349-357.	0.2	1
132	Drying and Heating Processes in Arbitrarily Shaped Clay Materials Using Lumped Phenomenological Modeling. <i>Energies</i> , 2021, 14, 4294.	1.6	1
133	Preliminary Analysis of the Influence of Reinforced Mortar Coating on the Compressive Strength of Clay Bricks. <i>Open Civil Engineering Journal</i> , 2018, 12, 71-82.	0.4	1
134	Degradation Control of Historical Walls with Rising Damp Problems. <i>Building Pathology and Rehabilitation</i> , 2013, , 113-140.	0.1	1
135	Hygrothermal Properties of the Tested Materials. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , 3-32.	0.2	1
136	State-of-the-Art. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020, , 5-15.	0.2	1
137	Clay Ceramic Materials: From Fundamentals and Manufacturing to Drying Process Predictions. <i>Advanced Structured Materials</i> , 2021, , 1-29.	0.3	1
138	Additive Manufacturing on Building Construction. <i>Defect and Diffusion Forum</i> , 0, 412, 207-216.	0.4	1
139	THE INITIAL STATES OF WATER VAPOR ADSORPTION IN PILES OF GRANULES: A NEW APPROACH. <i>Chemical Engineering Communications</i> , 2007, 195, 404-416.	1.5	0
140	Reply to Comments by N. Epstein. <i>The Canadian Journal of Chemical Engineering</i> . <i>Canadian Journal of Chemical Engineering</i> , 2007, 85, 250-250.	0.9	0
141	Boundary layer thickness of cylinders and plane surfaces immersed in packed beds in alignment with the flow. <i>Brazilian Journal of Chemical Engineering</i> , 2009, 26, 45-52.	0.7	0
142	Concentration Distribution in the Wake of a Plane Surface Buried in a Porous Media in Alignment with the Flow Direction. <i>Defect and Diffusion Forum</i> , 0, 283-286, 553-558.	0.4	0
143	Experimental and Analytical Study of Contaminant Transport Resulting from Dissolution of a Flat Surface Buried in a Packed Bed. <i>Defect and Diffusion Forum</i> , 2010, 297-301, 1238-1243.	0.4	0
144	Analytical Solutions of Mass Transfer around a Prolate or an Oblate Spheroid Immersed in a Packed Bed. , 0, , .		0

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145	Extraction of Useful Food and Cosmetic Ingredients of Vegetable Origin. Defect and Diffusion Forum, 2011, 312-315, 1161-1166.	0.4	0
146	Water Vapour Adsorption Study in Spherical Particles Packed in a Cylindrical Container. Defect and Diffusion Forum, 2011, 312-315, 1149-1154.	0.4	0
147	Experimental and Numerical Investigation of Mass Transport in Porous Media. Advanced Structured Materials, 2012, , 123-173.	0.3	0
148	Applications and Examples. Advanced Structured Materials, 2012, , 175-234.	0.3	0
149	A new procedure to measure effective molecular diffusion coefficients of salts solutions in building materials. Heat and Mass Transfer, 2013, 49, 809-815.	1.2	0
150	Salt Degradation in Stone of Old Buildings. Defect and Diffusion Forum, 0, 334-335, 337-342.	0.4	0
151	Controlled relative humidity in crawl spaces: a new treatment methodology. Structural Survey, 2013, 31, 139-156.	1.0	0
152	Implementation and Monitoring of Higreregulated Wall Base Ventilation Systems to Control Rising Damp. Defect and Diffusion Forum, 0, 365, 154-159.	0.4	0
153	Drying Kinetics Evaluation of Solid Red Bricks. , 2015, 3, 119-134.		0
154	Indoor Environmental Quality of School Buildings. Defect and Diffusion Forum, 2016, 369, 24-29.	0.4	0
155	Hygrothermal Simulation Applied to Energy Efficiency Improvement. Defect and Diffusion Forum, 0, 371, 97-101.	0.4	0
156	Case Studies of Rising Damp Treatment in Historical Buildings. , 2017, 10, 107-119.		0
157	Advances in Building Technologies and Construction Materials 2018. Advances in Materials Science and Engineering, 2018, 2018, 1-3.	1.0	0
158	Hygrothermal Performance Evaluation of Gypsum Plaster Houses in Brazil. Advanced Structured Materials, 2018, , 1-53.	0.3	0
159	Influence of Reinforced Mortar Coatings on the Compressive Strength of Masonry Prisms. Advanced Structured Materials, 2018, , 55-81.	0.3	0
160	Experimental Analyse of the Influence of Different Mortar Rendering Layers in Masonry Buildings. Advanced Structured Materials, 2018, , 83-110.	0.3	0
161	RTM Simulations by CFD. SpringerBriefs in Applied Sciences and Technology, 2019, , 63-83.	0.2	0
162	Influence of the Coating System on the Acoustic, Thermal and Luminous Performance of Brazilian Buildings. Designs, 2020, 4, 34.	1.3	0

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163	Non-Equilibrium Thermodynamics-Based Convective Drying Model Applied to Oblate Spheroidal Porous Bodies: A Finite-Volume Analysis. <i>Energies</i> , 2021, 14, 3405.	1.6	0
164	The Influence of Lime Solution in Kneading Water Substitution on Cement Roughcast and Mortar Coating. <i>Materials</i> , 2021, 14, 4174.	1.3	0
165	SORPTION KINETICS MODEL APPLICATION ON THE MEASUREMENT OF WATER VAPOR PERMEABILITY IN BUILDING MATERIALS. <i>Journal of Porous Media</i> , 2011, 14, 565-578.	1.0	0
166	Mass Transfer Around a Single Soluble Solid with Different Shapes Buried in a Packed Bed and Exposed to Fluid Flow. , 2012, , 196-232.		0
167	Capillary Absorption in Monolithic and Multilayer Stone Walls: Numerical and Experimental Results. <i>International Journal of Fluid Mechanics Research</i> , 2016, 43, 404-417.	0.4	0
168	Physical and Hygrothermal Material Properties. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , 7-20.	0.2	0
169	Influence of Reinforced Mortar Coatings on the Compressive Strength of Masonry Prisms. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , 21-35.	0.2	0
170	Structural Performance of Resistant Masonry Elements. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , 37-68.	0.2	0
171	Interface Influence During the Drying Process. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , 33-59.	0.2	0
172	Advanced Experiments in RTM Processes. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , 23-32.	0.2	0
173	RTM Process Modeling. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , 33-61.	0.2	0
174	Moisture Content Determination. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020, , 17-29.	0.2	0
175	Interface Influence During the Wetting Process. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020, , 31-60.	0.2	0
176	Phase Change Materials: From Fundamentals and Melting Process to Thermal Energy Storage System for Buildings Application. <i>Building Pathology and Rehabilitation</i> , 2021, , 1-46.	0.1	0
177	The Influence of Mass Tourism and Hygroscopic Inertia in Relative Humidity Fluctuations of Museums Located in Historical Buildings. <i>Building Pathology and Rehabilitation</i> , 2020, , 121-144.	0.1	0
178	Adhesion of Gypsum Plaster Coatings: Experimental Evaluation. <i>Building Pathology and Rehabilitation</i> , 2021, , 41-66.	0.1	0
179	Thermal and Environmental Benefits of 3D Printing on Building Construction. <i>Defect and Diffusion Forum</i> , 0, 412, 99-106.	0.4	0