JoÃ£o M P Q Delgado

List of Publications by Year
in descending order

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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	Linking Energy Poverty with Thermal Building Regulations and Energy Efficiency Policies in Portugal. Energies, 2022, 15, 329.	1.6	13
2	Mortar Bond Strength: A Brief Literature Review, Tests for Analysis, New Research Needs and Initial Experiments. Materials, 2022, 15, 2332.	1.3	8
3	Thermal and Rheological Characterization of Recycled PET/Virgin HDPE Blend Compatibilized with PE-g-MA and an Epoxy Chain Extender. Polymers, 2022, 14, 1144.	2.0	6
4	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
5	Energy-Efficiency Passive Strategies for Mediterranean Climate: An Overview. Energies, 2022, 15, 2572.	1.6	3
6	Use of Nondestructive Testing of Ultrasound and Artificial Neural Networks to Estimate Compressive Strength of Concrete. Buildings, 2021, 11, 44.	1.4	30
7	Preliminary Analysis of the Use of Construction Waste to Replace Conventional Aggregates in Concrete. Buildings, 2021, 11, 81.	1.4	15
8	Hydrodynamic and Performance Evaluation of a Porous Ceramic Membrane Module Used on the Waterâ€“Oil Separation Process: An Investigation by CFD. Membranes, 2021, 11, 121.	1.4	8
9	Diagnosis and Assessment of Deep Pile Cap Foundation of a Tall Building Affected by Internal Expansion Reactions. Buildings, 2021, 11, 104.	1.4	4
10	Drying of Sisal Fiber: A Numerical Analysis by Finite-Volumes. Energies, 2021, 14, 2514.	1.6	1
11	AvaliaÃ§Ã£o experimental dos fatores de influÃªncia na aderÃªncia de revestimentos de gesso em pasta. Ambiente ConstruÃdo, 2021, 21, 349-357.	0.2	1
12	Non-Equilibrium Thermodynamics-Based Convective Drying Model Applied to Oblate Spheroidal Porous Bodies: A Finite-Volume Analysis. Energies, 2021, 14, 3405.	1.6	0
13	On the Use of Embedded Fiber Optic Sensors for Measuring Early-Age Strains in Concrete. Sensors, 2021, 21, 4171.	2.1	6
14	Advanced Manufacturing in Civil Engineering. Energies, 2021, 14, 4474.	1.6	7
15	The Influence of Lime Solution in Kneading Water Substitution on Cement Roughcast and Mortar Coating. Materials, 2021, 14, 4174.	1.3	0
16	Drying and Heating Processes in Arbitrarily Shaped Clay Materials Using Lumped Phenomenological Modeling. Energies, 2021, 14, 4294.	1.6	1
17	Technological performance of recycled waste paper cellulosic fibre reinforced cement-based mortars. Journal of Building Pathology and Rehabilitation, 2021, 6, 1.	0.7	12
18	Phase Change Materials: From Fundamentals and Melting Process to Thermal Energy Storage System for Buildings Application. Building Pathology and Rehabilitation, 2021, , 1-46.	0.1	0

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19	Clay Ceramic Materials: From Fundamentals and Manufacturing to Drying Process Predictions. Advanced Structured Materials, 2021, , 1-29.	0.3	1
20	Knee Point Detection in Water Absorption Curves: Hygric Resistance in Multilayer Building Materials. Building Pathology and Rehabilitation, 2021, , 17-39.	0.1	2
21	Adhesion of Gypsum Plaster Coatings: Experimental Evaluation. Building Pathology and Rehabilitation, 2021, , 41-66.	0.1	0
22	Advances and New Challenges for Recycled Aggregate Concrete. Advances in Materials Science and Engineering, 2021, 2021, 1-2.	1.0	2
23	Influence of hydraulic contact interface on drying process of masonry walls. Drying Technology, 2020, 38, 1121-1137.	1.7	4
24	The Influence of Hygroscopic Materials on the Fluctuation of Relative Humidity in Museums Located in Historical Buildings. Studies in Conservation, 2020, 65, 127-141.	0.6	9
25	FEM Applied to Building Physics: Modeling Solar Radiation and Heat Transfer of PCM Enhanced Test Cells. Energies, 2020, 13, 2200.	1.6	5
26	Durability of Concrete Structures with Sugar Cane Bagasse Ash. Advances in Materials Science and Engineering, 2020, 2020, 1-16.	1.0	11
27	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
28	Influence of the Coating System on the Acoustic, Thermal and Luminous Performance of Brazilian Buildings. Designs, 2020, 4, 34.	1.3	0
29	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
30	Industrial Ceramic Blocks for Buildings: Clay Characterization and Drying Experimental Study. Energies, 2020, 13, 2834.	1.6	7
31	Phase Change Material Melting Process in a Thermal Energy Storage System for Applications in Buildings. Energies, 2020, 13, 3254.	1.6	12
32	Influence of the contact area in the adherence of mortar â€“ Ceramic tiles interface. Construction and Building Materials, 2020, 243, 118274.	3.2	11
33	The Effect of Soluble Mineral Salts in Ceramic Brick Masonry. International Journal of Civil Engineering, 2020, 18, 685-699.	0.9	3
34	MOISTURE TRANSPORT ACROSS PERFECT CONTACT INTERFACE OF CERAMIC BLOCKS. Journal of Porous Media, 2020, 23, 101-119.	1.0	2
35	Moisture Content Determination. SpringerBriefs in Applied Sciences and Technology, 2020, , 17-29.	0.2	0
36	Interface Influence During the Wetting Process. SpringerBriefs in Applied Sciences and Technology, 2020, , 31-60.	0.2	0

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37	State-of-the-Art. SpringerBriefs in Applied Sciences and Technology, 2020, , 5-15.	0.2	1
38	The Influence of Mass Tourism and Hygroscopic Inertia in Relative Humidity Fluctuations of Museums Located in Historical Buildings. Building Pathology and Rehabilitation, 2020, , 121-144.	0.1	0
39	Hygrothermal performance of Brazilian gypsum walls. Journal of Building Physics, 2019, 42, 605-626.	1.2	1
40	PCM Current Applications and Thermal Performance. SpringerBriefs in Applied Sciences and Technology, 2019, , 35-70.	0.2	5
41	Impregnation of PCMs in Building Materials. SpringerBriefs in Applied Sciences and Technology, 2019, , 17-34.	0.2	1
42	Influence of Different Joints on Moisture Transport in Building Walls - A Brief Review. , 2019, 22, 19-23.		1
43	RTM Simulations by CFD. SpringerBriefs in Applied Sciences and Technology, 2019, , 63-83.	0.2	0
44	Ultrasonic Assessment of Damage in Concrete under Compressive and Thermal Loading Using Longitudinal and Transverse Waves. Russian Journal of Nondestructive Testing, 2019, 55, 808-816.	0.3	4
45	Physical and Hygrothermal Material Properties. SpringerBriefs in Applied Sciences and Technology, 2019, , 7-20.	0.2	0
46	Influence of Reinforced Mortar Coatings on the Compressive Strength of Masonry Prisms. SpringerBriefs in Applied Sciences and Technology, 2019, , 21-35.	0.2	0
47	Structural Performance of Resistant Masonry Elements. SpringerBriefs in Applied Sciences and Technology, 2019, , 37-68.	0.2	0
48	Interface Influence During the Drying Process. SpringerBriefs in Applied Sciences and Technology, 2019, , 33-59.	0.2	0
49	Advanced Experiments in RTM Processes. SpringerBriefs in Applied Sciences and Technology, 2019, , 23-32.	0.2	0
50	RTM Process Modeling. SpringerBriefs in Applied Sciences and Technology, 2019, , 33-61.	0.2	0
51	Hygrothermal Properties of the Tested Materials. SpringerBriefs in Applied Sciences and Technology, 2019, , 3-32.	0.2	1
52	Interface influence on moisture transport in buildings. Construction and Building Materials, 2018, 162, 480-488.	3.2	29
53	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
54	Resin Flow in Porous-Fibrous Media: An Application to Polymer Composite Manufacturing. , 2018, 20, 1-15.		1

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55	Advances in Building Technologies and Construction Materials 2018. Advances in Materials Science and Engineering, 2018, 2018, 1-3.	1.0	0
56	Hygrothermal Performance Evaluation of Gypsum Plaster Houses in Brazil. Advanced Structured Materials, 2018, , 1-53.	0.3	0
57	Influence of Reinforced Mortar Coatings on the Compressive Strength of Masonry Prisms. Advanced Structured Materials, 2018, , 55-81.	0.3	0
58	Experimental Analyse of the Influence of Different Mortar Rendering Layers in Masonry Buildings. Advanced Structured Materials, 2018, , 83-110.	0.3	0
59	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
60	Structural performance of unreinforced masonry elements made with concrete and horizontally perforated ceramic blocks â€“ Laboratory tests. Construction and Building Materials, 2018, 182, 20-34.	3.2	9
61	Preliminary Analysis of the Influence of Reinforced Mortar Coating on the Compressive Strength of Clay Bricks. Open Civil Engineering Journal, 2018, 12, 71-82.	0.4	1
62	Procedures in the construction of a test reference year for Porto-Portugal and implications for hygrothermal simulation. Sustainable Cities and Society, 2017, 32, 397-410.	5.1	10
63	Inter-laboratory variability results of porous building materials hygrothermal properties. Construction and Building Materials, 2017, 156, 412-423.	3.2	14
64	Moisture Measuring Device Based on Non-Destructive Method of Gamma Rayâ€™s Attenuation. Defect and Diffusion Forum, 2017, 380, 55-59.	0.4	1
65	Numerical Analysis of Hygrothermal Building Performance of Gypsum Houses in Brazil. , 2017, 10, 132-148.		2
66	Case Studies of Rising Damp Treatment in Historical Buildings. , 2017, 10, 107-119.		0
67	Salt Damage and Rising Damp Treatment in Building Structures. Advances in Materials Science and Engineering, 2016, 2016, 1-13.	1.0	36
68	Advances in Building Technologies and Construction Materials 2016. Advances in Materials Science and Engineering, 2016, 2016, 1-2.	1.0	3
69	The Effect of Salt Solutions and Absorption Cycles in the Capillary and Drying Coefficient of Red Brick Samples with Different Joints. Advances in Materials Science and Engineering, 2016, 2016, 1-12.	1.0	5
70	Rising damp in Portuguese cultural heritage â€“ a flood risk map. Structural Survey, 2016, 34, 43-56.	1.0	4
71	Effect of salts and absorption cycles in the capillary coefficient of building materials with different joints. Bauphysik, 2016, 38, 348-354.	1.2	3
72	Water movement in building walls: interfaces influence on the moisture flux. Heat and Mass Transfer, 2016, 52, 2415-2422.	1.2	15

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73	Treatment of rising damp in historic buildings: Experimental campaign of wall base ventilation and interface effect analysis. Journal of Cultural Heritage, 2016, 20, 733-738.	1.5	10
74	Indoor Environmental Quality of School Buildings. Defect and Diffusion Forum, 2016, 369, 24-29.	0.4	0
75	Health and living conditions in social housing: comparison between rehabilitated and non-rehabilitated neighbourhoods. Zeitschrift Fur Gesundheitswissenschaften, 2016, 24, 535-544.	0.8	7
76	Infrared thermography for assessing moisture related phenomena in building components. Construction and Building Materials, 2016, 110, 251-269.	3.2	111
77	Intermittent Drying: Fundamentals, Modeling and Applications. Advanced Structured Materials, 2016, , 19-41.	0.3	14
78	Drying Process in Electromagnetic Fields. Advanced Structured Materials, 2016, , 89-110.	0.3	5
79	Capillary Absorption in Monolithic and Multilayer Stone Walls: Numerical and Experimental Results. International Journal of Fluid Mechanics Research, 2016, 43, 404-417.	0.4	0
80	Influence of indoor hygrothermal conditions on human quality of life in social housing. Journal of Public Health Research, 2015, 4, 589.	0.5	4
81	Advances in Building Technologies and Construction Materials. Advances in Materials Science and Engineering, 2015, 2015, 1-3.	1.0	4
82	Hygrothermal Performance and Degradation of Gypsum Houses in Different Brazilian Climates. , 2015, 3, 137-149.		2
83	The Interface Effect in the Water Absorption in Ceramic Brick. Energy Procedia, 2015, 78, 1395-1400.	1.8	3
84	Drying Kinetics Evaluation of Solid Red Bricks. , 2015, 3, 119-134.		0
85	Wall-Base Ventilation System to Control Rising Damp: A Case Study of Vilar de Frades Historical Church in Portugal. International Journal of Architectural Heritage, 2015, 9, 859-865.	1.7	7
86	Probabilistic Risk Assessment Methodology of Exterior Surfaces Defacement Caused by Algae Growth. Journal of Construction Engineering and Management - ASCE, 2014, 140, 05014012.	2.0	8
87	Nanotechnology for Energy and Environment. Advances in Materials Science and Engineering, 2014, 2014, 1-2.	1.0	2
88	Numerical Analysis of the Energy Improvement of Plastering Mortars with Phase Change Materials. Advances in Materials Science and Engineering, 2014, 2014, 1-12.	1.0	12
89	Numerical Simulation of the Vibration Behavior of Curved Carbon Nanotubes. Advances in Materials Science and Engineering, 2014, 2014, 1-9.	1.0	13
90	Assessing the durability of mortars tiles â€“ A contribution for a prediction model. Engineering Failure Analysis, 2014, 44, 36-45.	1.8	7

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91	Porous Materials Drying Model Based on the Thermodynamics of Irreversible Processes: Background and Application. Advanced Structured Materials, 2014, , 1-23.	0.3	2
92	Food Dehydration: Fundamentals, Modelling and Applications. Advanced Structured Materials, 2014, , 69-94.	0.3	3
93	Air Drying Technologies Applied to Buildings Treatment. Building Pathology and Rehabilitation, 2014, , 1-26.	0.1	3
94	Wetting and Drying Kinetics of Building Materials. Building Pathology and Rehabilitation, 2014, , 51-69.	0.1	2
95	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
96	The constructal law: From man-made flow systems to pedestrian flows. Physics of Life Reviews, 2013, 10, 197-198.	1.5	3
97	Hygrothermal Simulation Tools. SpringerBriefs in Applied Sciences and Technology, 2013, , 21-45.	0.2	1
98	Analysis and Monitoring of the Drying Process of a Hygro-Regulated Wall Base Ventilation System Implemented in a Historical Church to Control Rising Damp. Drying Technology, 2013, 31, 385-392.	1.7	12
99	Rising damp in walls: Evaluation of the level achieved by the damp front. Journal of Building Physics, 2013, 37, 6-27.	1.2	28
100	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
101	Controlled relative humidity in crawl spaces: a new treatment methodology. Structural Survey, 2013, 31, 139-156.	1.0	0
102	Exterior condensations on faÃ§ades: numerical simulation of the undercooling phenomenon. Journal of Building Performance Simulation, 2013, 6, 337-345.	1.0	13
103	Inputs for Hygrothermal Simulation Tools. SpringerBriefs in Applied Sciences and Technology, 2013, , 7-20.	0.2	2
104	Cyclone: Their Characteristics and Drying Technological Applications. Advanced Structured Materials, 2013, , 1-36.	0.3	4
105	Infrared Thermography Application in Buildings Diagnosis: A Proposal for Test Procedures. Advanced Structured Materials, 2013, , 91-117.	0.3	6
106	Durability Assessment of Adhesive Systems for Bonding Ceramic Tiles on FaÃ§ades: The Research and the Practice. Building Pathology and Rehabilitation, 2013, , 173-205.	0.1	3
107	Degradation Control of Historical Walls with Rising Damp Problems. Building Pathology and Rehabilitation, 2013, , 113-140.	0.1	1
108	Drying Kinetics of External Thermal Insulation Composite Systems (ETICS). Defect and Diffusion Forum, 2012, 326-328, 662-667.	0.4	1

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109	The Effect of Shading Devices in Rising Damp Phenomenon of Historical Buildings. Defect and Diffusion Forum, 2012, 326-328, 668-673.	0.4	1
110	Characterization of a Hygro-Regulated Wall Base Ventilation System for Treatment of Rising Damp. Defect and Diffusion Forum, 2012, 326-328, 54-59.	0.4	6
111	Application of different transient sorption methods to evaluate moisture diffusion coefficients of building materials on the hygroscopic range. Journal of Building Physics, 2012, 35, 251-266.	1.2	9
112	Numerical Simulation of Rising Damp Phenomenon. Defect and Diffusion Forum, 2012, 326-328, 48-53.	0.4	6
113	Rising damp in building walls: the wall base ventilation system. Heat and Mass Transfer, 2012, 48, 2079-2085.	1.2	24
114	Transport Phenomena in Porous Structures. Advanced Structured Materials, 2012, , 39-85.	0.3	6
115	Experimental and Numerical Investigation of Mass Transport in Porous Media. Advanced Structured Materials, 2012, , 123-173.	0.3	0
116	Applications and Examples. Advanced Structured Materials, 2012, , 175-234.	0.3	0
117	Treatment of Rising Damp in Historical Buildings. Advanced Structured Materials, 2012, , 1-23.	0.3	3
118	A Wall Base Ventilation System Applied at Different Wall Geometriesâ€"Numerical Simulation of the Evaporative Process. Drying Technology, 2012, 30, 1-12.	1.7	5
119	Transport Processes in Porous Media. Advanced Structured Materials, 2012, , .	0.3	38
120	NUMERICAL SIMULATION OF TRANSIENT MOISTURE TRANSPORT FOR HYGROSCOPIC INERTIA ASSESSMENT. Journal of Porous Media, 2012, 15, 793-804.	1.0	4
121	Reliability of the pull-off test for in situ evaluation of adhesion strength. Construction and Building Materials, 2012, 31, 86-93.	3.2	54
122	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
123	Mass Transfer Around a Single Soluble Solid with Different Shapes Buried in a Packed Bed and Exposed to Fluid Flow. , 2012, , 196-232.		0
124	Application of hybrid and moment methods to the measurement of moisture diffusion coefficients of building materials. Heat and Mass Transfer, 2011, 47, 1491-1498.	1.2	4
125	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
126	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

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127	Extraction of Useful Food and Cosmetic Ingredients of Vegetable Origin. Defect and Diffusion Forum, 2011, 312-315, 1161-1166.	0.4	0
128	Water Vapour Adsorption Study in Spherical Particles Packed in a Cylindrical Container. Defect and Diffusion Forum, 2011, 312-315, 1149-1154.	0.4	0
129	The “Humivent” Device for Rising Damp Treatment. Recent Patents on Engineering, 2011, 5, 233-240.	0.3	26
130	SORPTION KINETICS MODEL APPLICATION ON THE MEASUREMENT OF WATER VAPOR PERMEABILITY IN BUILDING MATERIALS. Journal of Porous Media, 2011, 14, 565-578.	1.0	0
131	Influence of finishing coatings on hygroscopic moisture buffering in building elements. Construction and Building Materials, 2010, 24, 2590-2597.	3.2	50
132	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
133	Experimental Values of Solubility of Organic Compounds in Water for a Wide Range of Temperature Values â^' A New Experimental Technique. Defect and Diffusion Forum, 2010, 297-301, 1244-1249.	0.4	3
134	Experimental and Analytical Study of Contaminant Transport Resulting from Dissolution of a Flat Surface Buried in a Packed Bed. Defect and Diffusion Forum, 2010, 297-301, 1238-1243.	0.4	0
135	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
136	A CRITICAL REVIEW OF HYGROTHERMAL MODELS USED IN POROUS BUILDING MATERIALS. Journal of Porous Media, 2010, 13, 221-234.	1.0	70
137	Boundary layer thickness of cylinders and plane surfaces immersed in packed beds in alignment with the flow. Brazilian Journal of Chemical Engineering, 2009, 26, 45-52.	0.7	0
138	Water Sorption Isotherms and Textural Properties of Biodegradable Starch-Based Superabsorbent Polymers. Defect and Diffusion Forum, 2009, 283-286, 565-570.	0.4	4
139	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
140	Hygrothermal properties applied in numerical simulation: Interstitial condensation analysis. Journal of Building Appraisal, 2009, 5, 161-170.	0.4	11
141	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
142	THE INITIAL STATES OF WATER VAPOR ADSORPTION IN PILES OF GRANULES: A NEW APPROACH. Chemical Engineering Communications, 2007, 195, 404-416.	1.5	0
143	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
144	Mass Transfer from a Plane Surface Immersed in a Porous Medium with a Moving Fluid. Chemical Engineering Research and Design, 2007, 85, 386-394.	2.7	8

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145	Longitudinal and Transverse Dispersion in Porous Media. Chemical Engineering Research and Design, 2007, 85, 1245-1252.	2.7	220
146	Experimental data of solubility at different temperatures: a simple technique. Heat and Mass Transfer, 2007, 43, 1311-1316.	1.2	13
147	Molecular Diffusion Coefficients of Organic Compounds in Water at Different Temperatures. Journal of Phase Equilibria and Diffusion, 2007, 28, 427-432.	0.5	59
148	Diffusion cloud around and downstream of active sphere immersed in granular bed through which fluid flows. Chemical Engineering Science, 2007, 62, 2813-2820.	1.9	4
149	Reply to Comments by N. Epstein. The Canadian Journal of Chemical Engineering. Canadian Journal of Chemical Engineering, 2007, 85, 250-250.	0.9	0
150	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
151	A critical review of dispersion in packed beds. Heat and Mass Transfer, 2006, 42, 279-310.	1.2	386
152	Mass transfer and dispersion around an active cylinder in cross flow and buried in a packed bed. Heat and Mass Transfer, 2006, 42, 1119-1128.	1.2	5
153	Can Moisture Buffer Performance be Estimated from Sorption Kinetics?. Journal of Building Physics, 2006, 29, 281-299.	1.2	24
154	A Simple Experimental Technique to Measure Tortuosity in Packed Beds. Canadian Journal of Chemical Engineering, 2006, 84, 651-655.	0.9	59
155	Overall map and correlation of dispersion data for flow through granular packed beds. Chemical Engineering Science, 2005, 60, 365-375.	1.9	44
156	A simple and inexpensive technique to measure molecular diffusion coefficients. Journal of Phase Equilibria and Diffusion, 2005, 26, 447.	0.5	7
157	A Simple and Inexpensive Technique to Measure Molecular Diffusion Coefficients. Journal of Phase Equilibria and Diffusion, 2005, 26, 447-451.	0.5	3
158	Mass transfer between flowing fluid and sphere buried in packed bed of inerts. AICHE Journal, 2004, 50, 65-74.	1.8	19
159	Effect of fluid properties on dispersion in flow through packed beds. AICHE Journal, 2003, 49, 1980-1985.	1.8	51
160	Title is missing!. , 2001, 44, 165-180.		28
161	Lateral dispersion in liquid flow through packed beds atPem < 1,400. AICHE Journal, 2000, 46, 1089-1095.	1.8	34
162	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

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163	Concentration Distribution in the Wake of a Plane Surface Buried in a Porous Media in Alignment with the Flow Direction. Defect and Diffusion Forum, 0, 283-286, 553-558.	0.4	0
164	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
165	Analytical Solutions of Mass Transfer around a Prolate or an Oblate Spheroid Immersed in a Packed Bed. , 0, , .		0
166	Optimisation of Envelope Insulation for the Retrofit of an Educational Building. Defect and Diffusion Forum, 0, 312-315, 1137-1142.	0.4	2
167	Salt Degradation in Stone of Old Buildings. Defect and Diffusion Forum, 0, 334-335, 337-342.	0.4	0
168	Wetting and Drying of External Surfaces with ETICS Systems. Defect and Diffusion Forum, 0, 334-335, 343-348.	0.4	3
169	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
170	Degradation Control of Walls with Rising Damp Problems. Defect and Diffusion Forum, 0, 334-335, 31-36.	0.4	5
171	Implementation and Monitoring of Higroregulated Wall Base Ventilation Systems to Control Rising Damp. Defect and Diffusion Forum, 0, 365, 154-159.	0.4	0
172	The Effect of Salt Solutions in the Capillarity Absorption Coefficient of Red Brick Samples. Defect and Diffusion Forum, 0, 369, 168-172.	0.4	8
173	Drying Kinetics of Building Materials: Brief Theory and Experimental Evaluation. , 0, 7, 114-127.		4
174	Hygrothermal Simulation Applied to Energy Efficiency Improvement. Defect and Diffusion Forum, 0, 371, 97-101.	0.4	0
175	Synthetic Fiber-Reinforced Polymer Composite Manufactured by Resin Transfer Molding Technique: Foundations and Engineering Applications. , 0, 14, 21-42.		6
176	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
177	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
178	Thermal and Environmental Benefits of 3D Printing on Building Construction. Defect and Diffusion Forum, 0, 412, 99-106.	0.4	0
179	Additive Manufacturing on Building Construction. Defect and Diffusion Forum, 0, 412, 207-216.	0.4	1