

Dale P Bentz

List of Publications by Year in descending order

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147
papers

12,855
citations

14655

66
h-index

25787

108
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160
all docs

160
docs citations

160
times ranked

6063
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional Computer Simulation of Portland Cement Hydration and Microstructure Development. <i>Journal of the American Ceramic Society</i> , 1997, 80, 3-21.	3.8	464
2	Water permeability and chloride ion diffusion in portland cement mortars: Relationship to sand content and critical pore diameter. <i>Cement and Concrete Research</i> , 1995, 25, 790-802.	11.0	365
3	Protected paste volume in concrete. <i>Cement and Concrete Research</i> , 1999, 29, 1863-1867.	11.0	361
4	Percolation of phases in a three-dimensional cement paste microstructural model. <i>Cement and Concrete Research</i> , 1991, 21, 325-344.	11.0	297
5	Potential applications of phase change materials in concrete technology. <i>Cement and Concrete Composites</i> , 2007, 29, 527-532.	10.7	274
6	Effects of cement particle size distribution on performance properties of Portland cement-based materials. <i>Cement and Concrete Research</i> , 1999, 29, 1663-1671.	11.0	271
7	Mitigation strategies for autogenous shrinkage cracking. <i>Cement and Concrete Composites</i> , 2004, 26, 677-685.	10.7	258
8	Percolation and pore structure in mortars and concrete. <i>Cement and Concrete Research</i> , 1994, 24, 25-37.	11.0	252
9	A review of early-age properties of cement-based materials. <i>Cement and Concrete Research</i> , 2008, 38, 196-204.	11.0	236
10	Volume change and cracking in internally cured mixtures made with saturated lightweight aggregate under sealed and unsealed conditions. <i>Cement and Concrete Composites</i> , 2009, 31, 427-437.	10.7	230
11	Shrinkage-reducing admixtures and early-age desiccation in cement pastes and mortars. <i>Cement and Concrete Research</i> , 2001, 31, 1075-1085.	11.0	227
12	Analytical formulas for interfacial transition zone properties. <i>Advanced Cement Based Materials</i> , 1997, 6, 99-108.	0.3	224
13	Influence of particle size distributions on yield stress and viscosity of cement-fly ash pastes. <i>Cement and Concrete Research</i> , 2012, 42, 404-409.	11.0	218
14	Influence of internal curing using lightweight aggregates on interfacial transition zone percolation and chloride ingress in mortars. <i>Cement and Concrete Composites</i> , 2009, 31, 285-289.	10.7	207
15	Effect of sample conditioning on the water absorption of concrete. <i>Cement and Concrete Composites</i> , 2011, 33, 805-813.	10.7	183
16	Influence of silica fume on diffusivity in cement-based materials. <i>Cement and Concrete Research</i> , 2000, 30, 953-962.	11.0	175
17	Multiscale Analytical/Numerical Theory of the Diffusivity of Concrete. <i>Advanced Cement Based Materials</i> , 1998, 8, 77-88.	0.3	173
18	Modelling drying shrinkage in reconstructed porous materials: application to porous Vycor glass. <i>Modelling and Simulation in Materials Science and Engineering</i> , 1998, 6, 211-236.	2.0	173

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19	Evaluation of sustainable high-volume fly ash concretes. <i>Cement and Concrete Composites</i> , 2011, 33, 39-45.	10.7	169
20	Estimation of the degree of hydration of blended cement pastes by a scanning electron microscope point-counting procedure. <i>Cement and Concrete Research</i> , 2004, 34, 1787-1793.	11.0	168
21	Modeling the influence of limestone filler on cement hydration using CEMHYD3D. <i>Cement and Concrete Composites</i> , 2006, 28, 124-129.	10.7	165
22	Fine limestone additions to regulate setting in high volume fly ash mixtures. <i>Cement and Concrete Composites</i> , 2012, 34, 11-17.	10.7	164
23	Influence of water-to-cement ratio on hydration kinetics: Simple models based on spatial considerations. <i>Cement and Concrete Research</i> , 2006, 36, 238-244.	11.0	160
24	Multi-scale investigation of the performance of limestone in concrete. <i>Construction and Building Materials</i> , 2015, 75, 1-10.	7.2	160
25	Limestone and silica powder replacements for cement: Early-age performance. <i>Cement and Concrete Composites</i> , 2017, 78, 43-56.	10.7	160
26	Transient plane source measurements of the thermal properties of hydrating cement pastes. <i>Materials and Structures/Materiaux Et Constructions</i> , 2007, 40, 1073-1080.	3.1	151
27	Water absorption in internally cured mortar made with water-filled lightweight aggregate. <i>Cement and Concrete Research</i> , 2009, 39, 883-892.	11.0	151
28	The reaction between metakaolin and limestone and its effect in porosity refinement and mechanical properties. <i>Cement and Concrete Research</i> , 2021, 140, 106307.	11.0	148
29	Incorporation of phase change materials in cementitious systems via fine lightweight aggregate. <i>Construction and Building Materials</i> , 2012, 35, 483-490.	7.2	146
30	The effect of statistical fluctuation, finite size error, and digital resolution on the phase percolation and transport properties of the NIST cement hydration model. <i>Cement and Concrete Research</i> , 2001, 31, 1501-1514.	11.0	143
31	The influence of the filler effect on the sulfate requirement of blended cements. <i>Cement and Concrete Research</i> , 2019, 126, 105918.	11.0	136
32	Modelling of the microstructure and transport properties of concrete. <i>Construction and Building Materials</i> , 1996, 10, 293-300.	7.2	135
33	The influence of calcium chloride deicing salt on phase changes and damage development in cementitious materials. <i>Cement and Concrete Composites</i> , 2015, 64, 1-15.	10.7	132
34	Thermal properties of high-volume fly ash mortars and concretes. <i>Journal of Building Physics</i> , 2011, 34, 263-275.	2.4	129
35	Application of internal curing for mixtures containing high volumes of fly ash. <i>Cement and Concrete Composites</i> , 2012, 34, 1001-1008.	10.7	124
36	Digital simulation of the aggregate-cement paste interfacial zone in concrete. <i>Journal of Materials Research</i> , 1991, 6, 196-201.	2.6	121

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37	Rheology and setting of high volume fly ash mixtures. <i>Cement and Concrete Composites</i> , 2010, 32, 265-270.	10.7	118
38	Early-Age Properties of Cement-Based Materials. II: Influence of Water-to-Cement Ratio. <i>Journal of Materials in Civil Engineering</i> , 2009, 21, 512-517.	2.9	117
39	Acoustic emission waveform characterization of crack origin and mode in fractured and ASR damaged concrete. <i>Cement and Concrete Composites</i> , 2015, 60, 135-145.	10.7	108
40	Influence of Cement Particle Size Distribution on Early Age Autogenous Strains and Stresses in Cement-Based Materials. <i>Journal of the American Ceramic Society</i> , 2001, 84, 129-135.	3.8	107
41	Factors that Influence Electrical Resistivity Measurements in Cementitious Systems. <i>Transportation Research Record</i> , 2013, 2342, 90-98.	1.9	106
42	Interfacial transport in porous media: Application to dc electrical conductivity of mortars. <i>Journal of Applied Physics</i> , 1995, 78, 5898-5908.	2.5	104
43	The Visible Cement Data Set. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2002, 107, 137.	1.2	104
44	Optimization of cement and fly ash particle sizes to produce sustainable concretes. <i>Cement and Concrete Composites</i> , 2011, 33, 824-831.	10.7	104
45	Prediction of Adiabatic Temperature Rise in Conventional and High-Performance Concretes Using a 3-D Microstructural Model. <i>Cement and Concrete Research</i> , 1998, 28, 285-297.	11.0	103
46	Effects of the incorporation of Municipal Solid Waste Incineration fly ash in cement pastes and mortars. <i>Cement and Concrete Research</i> , 2002, 32, 303-311.	11.0	101
47	Modeling of the influence of transverse cracking on chloride penetration into concrete. <i>Cement and Concrete Composites</i> , 2013, 38, 65-74.	10.7	101
48	A comparison study of Portland cement hydration kinetics as measured by chemical shrinkage and isothermal calorimetry. <i>Cement and Concrete Composites</i> , 2013, 39, 23-32.	10.7	101
49	Using a Saturation Function to Interpret the Electrical Properties of Partially Saturated Concrete. <i>Journal of Materials in Civil Engineering</i> , 2013, 25, 1097-1106.	2.9	99
50	Influence of silica fume on diffusivity in cement-based materials. <i>Cement and Concrete Research</i> , 2000, 30, 1121-1129.	11.0	97
51	Mitigation of autogenous shrinkage in alkali activated slag mortars by internal curing. <i>Materials and Structures/Materiaux Et Constructions</i> , 2013, 46, 1355-1367.	3.1	94
52	Damage development in cementitious materials exposed to magnesium chloride deicing salt. <i>Construction and Building Materials</i> , 2015, 93, 384-392.	7.2	93
53	Activation energies of high-volume fly ash ternary blends: Hydration and setting. <i>Cement and Concrete Composites</i> , 2014, 53, 214-223.	10.7	92
54	Early-Age Properties of Cement-Based Materials. I: Influence of Cement Fineness. <i>Journal of Materials in Civil Engineering</i> , 2008, 20, 502-508.	2.9	91

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55	Cellular automaton simulations of cement hydration and microstructure development. Modelling and Simulation in Materials Science and Engineering, 1994, 2, 783-808.	2.0	90
56	A virtual rapid chloride permeability test. Cement and Concrete Composites, 2007, 29, 723-731.	10.7	90
57	Experimental and simulation studies of the interfacial zone in concrete. Cement and Concrete Research, 1992, 22, 891-902.	11.0	88
58	Influence of Shrinkage-Reducing Admixtures on Early-Age Properties of Cement Pastes. Journal of Advanced Concrete Technology, 2006, 4, 423-429.	1.8	84
59	Capillary porosity depercolation in cement-based materials: Measurement techniques and factors which influence their interpretation. Cement and Concrete Research, 2011, 41, 854-864.	11.0	83
60	Evolution of porosity and calcium hydroxide in laboratory concretes containing silica fume. Cement and Concrete Research, 1994, 24, 1044-1050.	11.0	79
61	Modeling the influence of the interfacial zone on the DC electrical conductivity of mortar. Advanced Cement Based Materials, 1995, 2, 169-181.	0.3	74
62	In situ measurement of water at the organic coating/substrate interface. Progress in Organic Coatings, 1996, 27, 181-193.	3.9	74
63	Increasing the Service Life of Bridge Decks by Incorporating Phase-Change Materials to Reduce Freeze-Thaw Cycles. Journal of Materials in Civil Engineering, 2012, 24, 1034-1042.	2.9	74
64	Multi-Scale Microstructural Modeling of Concrete Diffusivity: Identification of Significant Variables. Cement, Concrete and Aggregates, 1998, 20, 129-139.	0.1	73
65	Transport and diffusion in three-dimensional composite media. Physica A: Statistical Mechanics and Its Applications, 1994, 207, 28-36.	2.6	70
66	Hydraulic radius and transport in reconstructed model three-dimensional porous media. Transport in Porous Media, 1994, 17, 221-238.	2.6	69
67	Influence of substrate moisture state and roughness on interface microstructure and bond strength: Slant shear vs. pull-off testing. Cement and Concrete Composites, 2018, 87, 63-72.	10.7	67
68	Suspended hydration and loss of freezable water in cement pastes exposed to 90% relative humidity. Cement and Concrete Research, 2004, 34, 2045-2056.	11.0	65
69	An argument for using coarse cements in high-performance concretes. Cement and Concrete Research, 1999, 29, 615-618.	11.0	62
70	Evaluating the hydration of high volume fly ash mixtures using chemically inert fillers. Construction and Building Materials, 2018, 161, 221-228.	7.2	60
71	Computer modeling of the replacement of "coarse" cement particles by inert fillers in low w/c ratio concretes. Cement and Concrete Research, 2001, 31, 503-506.	11.0	58
72	Cement hydration: building bridges and dams at the microstructure level. Materials and Structures/Materiaux Et Constructions, 2007, 40, 397-404.	3.1	56

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73	Fluid transport in high volume fly ash mixtures with and without internal curing. Cement and Concrete Composites, 2014, 45, 102-110.	10.7	56
74	Modelling drying shrinkage of cement paste and mortar Part 1. Structural models from nanometres to millimetres. Materiaux Et Constructions, 1995, 28, 450-458.	0.3	55
75	Replacement of "coarse" cement particles by inert fillers in low w/c ratio concretes. Cement and Concrete Research, 2005, 35, 185-188.	11.0	54
76	Acoustic Emission and Low-Temperature Calorimetry Study of Freeze and Thaw Behavior in Cementitious Materials Exposed to Sodium Chloride Salt. Transportation Research Record, 2014, 2441, 81-90.	1.9	54
77	On the relation of setting and early-age strength development to porosity and hydration in cement-based materials. Cement and Concrete Composites, 2016, 68, 9-14.	10.7	54
78	Blending different fineness cements to engineer the properties of cement-based materials. Magazine of Concrete Research, 2010, 62, 327-338.	2.0	53
79	Preliminary observations of water movement in cement pastes during curing using X-ray absorption. Cement and Concrete Research, 2000, 30, 1157-1168.	11.0	52
80	Reducing Set Retardation in High-Volume Fly Ash Mixtures with the Use of Limestone. Transportation Research Record, 2012, 2290, 139-146.	1.9	52
81	Quantitative comparison of real and CEMHYD3D model microstructures using correlation functions. Cement and Concrete Research, 2006, 36, 259-263.	11.0	50
82	Numerical simulation of the freeze-thaw behavior of mortar containing deicing salt solution. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	3.1	49
83	Recycling of hydrated cement pastes by synthesis of $\text{H}_2\text{C}_2\text{O}_4$. Cement and Concrete Research, 2017, 100, 398-412.	11.0	49
84	Effects of the incorporation of Municipal Solid Waste Incineration fly ash in cement pastes and mortars. Cement and Concrete Research, 2002, 32, 565-576.	11.0	48
85	Improved mesoscale segmentation of concrete from 3D X-ray images using contrast enhancers. Cement and Concrete Composites, 2018, 93, 30-42.	10.7	48
86	Decoupling the physical and chemical effects of supplementary cementitious materials on strength and permeability: A multi-level approach. Cement and Concrete Composites, 2016, 65, 19-28.	10.7	47
87	Doubling the service life of concrete structures. I: Reducing ion mobility using nanoscale viscosity modifiers. Cement and Concrete Composites, 2008, 30, 674-678.	10.7	45
88	Measurement of water transport from saturated pumice aggregates to hardening cement paste. Materials and Structures/Materiaux Et Constructions, 2006, 39, 861-868.	3.1	44
89	Influence of Shrinkage-Reducing Admixtures on Moisture Absorption in Cementitious Materials at Early Ages. Journal of Materials in Civil Engineering, 2010, 22, 277-286.	2.9	44
90	Quantifying Water at the Organic Film/Hydroxylated Substrate Interface. Journal of Adhesion, 1995, 48, 169-194.	3.0	42

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91	1. Digital Images and Computer Modeling. <i>Experimental Methods in the Physical Sciences</i> , 1999, , 1-41.	0.1	39
92	Influence of alkalis on porosity percolation in hydrating cement pastes. <i>Cement and Concrete Composites</i> , 2006, 28, 427-431.	10.7	39
93	Reducing setting time of blended cement paste containing high-SO ₃ fly ash (HSFA) using chemical/physical accelerators and by fly ash pre-washing. <i>Cement and Concrete Composites</i> , 2018, 90, 14-26.	10.7	36
94	Thermo-mechanical assessment of concrete microcracking damage due to early-age temperature rise. <i>Construction and Building Materials</i> , 2015, 81, 140-153.	7.2	35
95	Microstructure and Thermal Conductivity of Hydrated Calcium Silicate Board Materials. <i>Journal of Building Physics</i> , 2007, 31, 55-67.	2.4	34
96	Low-temperature curing strength enhancement in cement-based materials containing limestone powder. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	3.1	34
97	The ONIX model: a parameter-free multiscale framework for the prediction of self-desiccation in concrete. <i>Cement and Concrete Composites</i> , 2019, 103, 36-48.	10.7	33
98	Analytical Formulas for Interfacial Transition Zone Properties. <i>Advanced Cement Based Materials</i> , 1997, 6, 99-108.	0.3	33
99	Numerical simulation of heat and mass transport during hydration of Portland cement mortar in semi-adiabatic and steam curing conditions. <i>Cement and Concrete Composites</i> , 2016, 69, 38-48.	10.7	32
100	Towards the formulation of robust and sustainable cementitious binders for 3-D additive construction by extrusion. <i>Construction and Building Materials</i> , 2018, 175, 215-224.	7.2	32
101	Using Neutron Radiography to Quantify Water Transport and the Degree of Saturation in Entrained Air Cement Based Mortar. <i>Physics Procedia</i> , 2015, 69, 542-550.	1.2	31
102	Simulation studies of methods to delay corrosion and increase service life for cracked concrete exposed to chlorides. <i>Cement and Concrete Composites</i> , 2015, 58, 59-69.	10.7	31
103	Capillary Porosity Depercolation/Repercolation in Hydrating Cement Pastes Via Low-Temperature Calorimetry Measurements and CEMHYD3D Modeling. <i>Journal of the American Ceramic Society</i> , 2006, 89, 2606-2611.	3.8	30
104	Continuous strength measurements of cement pastes and concretes by the ultrasonic wave reflection method. <i>Construction and Building Materials</i> , 2020, 242, 117902.	7.2	30
105	Determining thermal properties of gypsum board at elevated temperatures. <i>Fire and Materials</i> , 2010, 34, 237-250.	2.0	29
106	D90: The Strongest Contributor to Setting Time in Mineral Trioxide Aggregate and Portland Cement. <i>Journal of Endodontics</i> , 2015, 41, 1146-1150.	3.1	27
107	Relating Compressive Strength to Heat Release in Mortars. <i>Advances in Civil Engineering Materials</i> , 2012, 1, 20120002.	0.6	27
108	<i>In Situ</i> Spectroscopic Study of Water at the Asphalt/Siliceous Substrate Interface and Its Implication in Stripping. <i>Journal of Adhesion</i> , 2005, 81, 1-28.	3.0	26

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109	Parametric Assessment of Stress Development and Cracking in Internally Cured Restrained Mortars Experiencing Autogenous Deformations and Thermal Loading. <i>Advances in Civil Engineering</i> , 2011, 2011, 1-16.	0.7	26
110	Influence of internal curing and viscosity modifiers on resistance to sulfate attack. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014, 47, 581-589.	3.1	25
111	Design and performance of ternary blend high-volume fly ash concretes of moderate slump. <i>Construction and Building Materials</i> , 2015, 84, 409-415.	7.2	25
112	Computer Simulations of Binder Removal from 2-D and 3-D Model Particulate Bodies. <i>Journal of the American Ceramic Society</i> , 1996, 79, 1377-1388.	3.8	23
113	A methodology for assessing the chemical and physical potential of industrially sourced rice husk ash on strength development and early-age hydration of cement paste. <i>Construction and Building Materials</i> , 2017, 149, 869-881.	7.2	23
114	Accelerated and natural carbonation of concretes with internal curing and shrinkage/viscosity modifiers. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 1207-1214.	3.1	22
115	Computational Materials Science of Cement-Based Materials. <i>MRS Bulletin</i> , 1993, 18, 50-54.	3.5	19
116	Calculation of the Thermal Conductivity and Gas Permeability in a Uniaxial Bundle of Fibers. <i>Journal of the American Ceramic Society</i> , 1994, 77, 2669-2680.	3.8	19
117	X-ray absorption studies of drying of cementitious tile adhesive mortars. <i>Cement and Concrete Composites</i> , 2008, 30, 361-373.	10.7	19
118	Relationship Between Engineering Properties, Mineralogy, and Microstructure in Cement-Based Hydroceramic Materials Cured at 200-350°C. <i>Journal of the American Ceramic Society</i> , 2009, 92, 694-701.	3.8	19
119	Doubling the service life of concrete structures. II: Performance of nanoscale viscosity modifiers in mortars. <i>Cement and Concrete Composites</i> , 2010, 32, 187-193.	10.7	19
120	Anticipating the Setting Time of High-Volume Fly Ash Concretes Using Electrical Measurements: Feasibility Studies Using Pastes. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	2.9	17
121	Comparative Study of Methods to Measure the Density of Cementitious Powders. <i>Journal of Testing and Evaluation</i> , 2016, 44, 2147-2154.	0.7	17
122	Anion capture and exchange by functional coatings: New routes to mitigate steel corrosion in concrete infrastructure. <i>Cement and Concrete Research</i> , 2017, 101, 82-92.	11.0	17
123	Binder Distribution in Macro-Defect-Free Cements: Relation between Percolative Properties and Moisture Absorption Kinetics. <i>Journal of the American Ceramic Society</i> , 1994, 77, 711-716.	3.8	16
124	Bridging the Micro-to-Macro Gap: A New Application for Micro X-Ray Fluorescence. <i>Microscopy and Microanalysis</i> , 2011, 17, 410-417.	0.4	16
125	A slug calorimeter for evaluating the thermal performance of fire resistive materials. <i>Fire and Materials</i> , 2006, 30, 257-270.	2.0	15
126	Applying a biodeposition layer to increase the bond of a repair mortar on a mortar substrate. <i>Cement and Concrete Composites</i> , 2018, 86, 30-39.	10.7	15

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127	Application of Digital-Image-Based Models to Microstructure, Transport Properties, and Degradation of Cement-Based materials. , 1996, , 167-185.		14
128	Towards a methodology for the characterization of fire resistive materials with respect to thermal performance models. Fire and Materials, 2006, 30, 311-321.	2.0	12
129	Using Viscosity Modifiers to Reduce Effective Diffusivity in Mortars. Journal of Materials in Civil Engineering, 2012, 24, 1017-1024.	2.9	10
130	Effect of a micro-copolymer addition on the thermal conductivity of fly ash mortars. Journal of Building Physics, 2016, 40, 3-16.	2.4	10
131	Critical observations for the evaluation of cement hydration models. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2010, 2, 75-82.	1.1	9
132	Comparison of ASTM C311 Strength Activity Index Testing versus Testing Based on Constant Volumetric Proportions. Journal of ASTM International, 2012, 9, 104138.	0.2	9
133	Rheological Control of 3D Printable Cement Paste and Mortars. RILEM Bookseries, 2019, , 70-80.	0.4	9
134	Effects of Initial Surface Treatment Timing on Chloride Concentrations in Concrete Bridge Decks. Transportation Research Record, 2007, 2028, 103-110.	1.9	8
135	Towards the Formulation of Robust and Sustainable Cementitious Binders for 3D Additive Construction by Extrusion. , 2019, , 307-331.		8
136	Neutron Radiography Measurement of Salt Solution Absorption in Mortar. ACI Materials Journal, 2017, 114, 149-159.	0.2	8
137	Thermal degradation of poly(methyl methacrylate) at 50°C to 125°C. Journal of Applied Polymer Science, 1987, 34, 377-393.	2.6	7
138	Measurement and modeling of the ability of crack fillers to prevent chloride ingress into mortar. Cement and Concrete Composites, 2017, 81, 109-121.	10.7	6
139	Modeling heat and moisture transport in steam-cured mortar: Application to AASHTO Type VI beams. Construction and Building Materials, 2017, 151, 186-195.	7.2	5
140	Surface and Uniaxial Electrical Measurements on Layered Cementitious Composites having Cylindrical and Prismatic Geometries. , 2014, , .		5
141	A Materials Science-Based Approach to Characterizing Fire Resistive Materials. Journal of ASTM International, 2009, 6, 102203.	0.2	3
142	Effect of Initial Timing of Scarification and Overlay Treatment on Chloride Concentrations in Concrete Bridge Decks. Transportation Research Record, 2011, 2220, 66-74.	1.9	2
143	Characterization of cylindrical holes in metallic substrates via their infrared emission patterns. Wear, 1991, 143, 255-266.	3.1	1
144	A reply to a discussion by S. Chatterji of the paper "Percolation of phases in a three-dimensional cement paste microstructural model". Cement and Concrete Research, 1991, 21, 1187-1188.	11.0	1

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145	A reply to a discussion by S. Chatterji of the paper "Percolation and pore structure in mortars and concrete". Cement and Concrete Research, 1994, 24, 1569-1571.	11.0	1
146	"Binder Distribution in Macro-Defect-Free Cements: Relation between Percolative Properties and Moisture Absorption Kinetics". Journal of the American Ceramic Society, 1994, 77, 1407-1407.	3.8	1
147	Thermographic Imaging And Computer Image Processing Of Defects In Building Materials. , 1986, , .		0