

Hyun-Do Yun

List of Publications by Year in descending order

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192
papers

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citations

185998

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243296

44
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192
all docs

192
docs citations

192
times ranked

1668
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of high frost scaling resistance of SHCC. Construction and Building Materials, 2022, 324, 126300.	3.2	2
2	Shear Strengthening of High Strength Concrete Beams That Contain Hooked-End Steel Fiber. Materials, 2022, 15, 17.	1.3	4
3	Steel Reinforcing Bar and Steel Fibers Content Effect on Tensile and Electrical Behaviors of Strain-Hardening Cement Composite (SHCC) with MWCNTs in Direct Tension. Applied Sciences (Switzerland), 2021, 11, 2446.	1.3	1
4	Sulfuric Acid Resistance of CNT-Cementitious Composites. Applied Sciences (Switzerland), 2021, 11, 2226.	1.3	3
5	Strain Transfer of Fiber Bragg Grating Sensor Externally Bonded to FRP Strip for Structural Monitoring after Reinforcement. Materials, 2021, 14, 4382.	1.3	5
6	Influence of bending cracks on the distribution of rebar corrosion in SHCC. Cement and Concrete Composites, 2021, 122, 104146.	4.6	6
7	Influence of CNT Incorporation on the Carbonation of Conductive Cement Mortar. Materials, 2021, 14, 6721.	1.3	2
8	Hysteretic Response of Tilt-Up Concrete Precast Walls with Embedded Steel Plate Connections. Sustainability, 2020, 12, 7907.	1.6	0
9	Shear Behavior of a Reinforced Concrete Frame Retrofitted with a Hinged Steel Damping System. Sustainability, 2020, 12, 10360.	1.6	0
10	Installation Technique of Fiber Optic Sensor into FRP Used as NSM Structural Strengthening System. Sustainability, 2020, 12, 8501.	1.6	3
11	Seismic Performance Assessments of RC Frame Structures Strengthened by External Precast Wall Panel. Applied Sciences (Switzerland), 2020, 10, 1749.	1.3	5
12	Strain-Detecting properties of hybrid PE and steel fibers reinforced cement composite (Hy-FRCC) with Multi-Walled carbon nanotube (MWCNT) under repeated compression. Results in Physics, 2020, 18, 103199.	2.0	15
13	Penetration of pressure-injected lithium nitrite in concrete and ASR mitigating effect. Cement and Concrete Composites, 2020, 114, 103709.	4.6	9
14	Tensile and Strain-sensing Properties of Hybrid Fibers Reinforced Strain-hardening Cement Composite (Hy-SHCC) with Different Carbon Nanotube (CNT) Dosages. Journal of the Korea Concrete Institute, 2020, 32, 285-293.	0.1	4
15	Design properties of insulated precast concrete sandwich panels with composite shear connectors. Composites Part B: Engineering, 2019, 157, 36-42.	5.9	29
16	The Influence of Steel Fiber Tensile Strengths and Aspect Ratios on the Fracture Properties of High-Strength Concrete. Materials, 2019, 12, 2105.	1.3	44
17	The Effect of Shrinkage-Compensation on the Performance of Strain-Hardening Cement Composite (SHCC). Sustainability, 2019, 11, 1453.	1.6	8
18	Microstructure and Mechanical Properties of Cement Mortar Containing Phase Change Materials. Applied Sciences (Switzerland), 2019, 9, 943.	1.3	15

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19	Properties of strain-hardening cement composites with superabsorbent polymer particles. Magazine of Concrete Research, 2019, 71, 437-448.	0.9	5
20	Thermal and Mechanical Behaviors of Concrete with Incorporation of Strontium-Based Phase Change Material (PCM). International Journal of Concrete Structures and Materials, 2019, 13, .	1.4	20
21	Effects of Reinforcing Fiber Strength on Mechanical Properties of High-Strength Concrete. Fibers, 2019, 7, 93.	1.8	9
22	High-velocity impact experiment of concrete panels reinforced with crimped wire mesh and steel fibers. Structural Concrete, 2018, 19, 1818-1828.	1.5	9
23	Seismic performance of composite coupling beams with diagonal steel tubes. Magazine of Concrete Research, 2018, 70, 280-291.	0.9	1
24	Strengthening methods for reinforced concrete infrastructure using FRP composites in Korea. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2018, 171, 898-907.	0.4	3
25	Combined effects of steel fiber and coarse aggregate size on the compressive and flexural toughness of high-strength concrete. Composite Structures, 2018, 185, 203-211.	3.1	75
26	Shear performance of embedded anchor plates in reinforced concrete tilt-up panels under monotonic and cyclic loadings. Archives of Civil and Mechanical Engineering, 2018, 18, 430-441.	1.9	2
27	The effects of PE and PVA fiber and water cement ratio on chloride penetration and rebar corrosion protection performance of cracked SHCC. Construction and Building Materials, 2018, 178, 372-383.	3.2	16
28	Effects of Shrinkage-Compensation on Mechanical Properties and Repair Performance of Strain-Hardening Cement Composite Materials. Advances in Civil Engineering, 2018, 2018, 1-12.	0.4	4
29	Feasibility of Reduced Lap-Spliced Length in Polyethylene Fiber-Reinforced Strain-Hardening Cementitious Composite. Advances in Materials Science and Engineering, 2018, 2018, 1-10.	1.0	0
30	Use of steel fibers as transverse reinforcement in diagonally reinforced coupling beams with normal- and high-strength concrete. Construction and Building Materials, 2018, 187, 1020-1030.	3.2	12
31	Effects of Steel Fiber Strength and Aspect Ratio on Mechanical Properties of High-Strength Concrete. Journal of the Korea Concrete Institute, 2018, 30, 197-205.	0.1	6
32	Temperature Loss Compensation for Semi-adiabatic Test Using Newton's Law of Cooling. Journal of the Korea Concrete Institute, 2018, 30, 189-196.	0.1	0
33	Shear behavior of strain-hardening cement composite walls under quasi-static cyclic loading. Engineering Structures, 2017, 143, 398-409.	2.6	7
34	Effect of fine crack width and water cement ratio of SHCC on chloride ingress and rebar corrosion. Cement and Concrete Composites, 2017, 80, 235-244.	4.6	35
35	Effects of stiffening sealant thickness on the structural performance of structural silicone glazing (SSG) sealant connections in curtain wall systems. Archives of Civil and Mechanical Engineering, 2017, 17, 65-74.	1.9	9
36	Bond and cracking behavior of lap-spliced reinforcing bars embedded in hybrid fiber reinforced strain-hardening cementitious composite (SHCC). Composites Part B: Engineering, 2017, 108, 35-44.	5.9	58

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37	Research trends and design guidelines for fire resistance of structural concrete in South Korea. Magazine of Concrete Research, 2017, 69, 347-364.	0.9	7
38	Hysteretic Behavior of Conventionally Reinforced Concrete Coupling Beams in Reinforced Concrete Coupled Shear Wall. International Journal of Concrete Structures and Materials, 2017, 11, 599-616.	1.4	11
39	Bonding Behavior of Deformed Steel Rebars in Sustainable Concrete Containing both Fine and Coarse Recycled Aggregates. Materials, 2017, 10, 1082.	1.3	14
40	Evaluation of Impact Resistance of Steel Fiber-Reinforced Concrete Panels Using Design Equations. ACI Structural Journal, 2017, 114, .	0.3	13
41	Effect of Aspect Ratio and Diagonal Reinforcement on Shear Performance of Concrete Coupling Beams Reinforced with High-Strength Steel Bars. Journal of the Korea Concrete Institute, 2017, 29, 43-51.	0.1	3
42	Influence of Low Temperatures. RILEM State-of-the-Art Reports, 2017, , 101-108.	0.3	1
43	Effect of Recycled Fine Aggregates and Fly Ash on the Mechanical Properties of PVA Fiber-Reinforced Cement Composites. Journal of the Korea Concrete Institute, 2017, 29, 149-157.	0.1	0
44	Strength and CO ₂ Reduction of Fiber-Reinforced Cementitious Composites with Recycled Materials. Journal of the Korea Concrete Institute, 2017, 29, 379-387.	0.1	0
45	Effects of crack properties and water-cement ratio on the chloride proofing performance of cracked SHCC suffering from chloride attack. Cement and Concrete Composites, 2016, 69, 18-27.	4.6	49
46	SHEAR STRENGTH OF REINFORCED RECYCLED AGGREGATE CONCRETE BEAMS WITHOUT SHEAR REINFORCEMENTS. Journal of Civil Engineering and Management, 2016, 23, 76-84.	1.9	9
47	Effects of Shrinkage Reducing Agent (SRA) Type and Content on Mechanical Properties of Strain Hardening Cement Composite (SHCC). Journal of the Korea Concrete Institute, 2016, 28, 41-48.	0.1	2
48	Analysis of High Velocity Impact on SFRC Panels Using ABAQUS. Journal of the Korea Concrete Institute, 2016, 28, 141-148.	0.1	0
49	Hydration Heat and Strength Characteristics of Cement Mortar with Phase Change Materials(PCMs). Journal of the Korea Concrete Institute, 2016, 28, 665-672.	0.1	2
50	Mechanical Properties and Eco-Efficiency of Steel Fiber Reinforced Alkali-Activated Slag Concrete. Materials, 2015, 8, 7309-7321.	1.3	45
51	Feasibility of Using High-Performance Steel Fibre Reinforced Concrete for Simplifying Reinforcement Details of Critical Members. International Journal of Polymer Science, 2015, 2015, 1-12.	1.2	8
52	Interface Bond Characterization between Fiber and Cementitious Matrix. International Journal of Polymer Science, 2015, 2015, 1-11.	1.2	4
53	Crack damage mitigation and shear behavior of shear-dominant reinforced concrete beams repaired with strain-hardening cement-based composite. Composites Part B: Engineering, 2015, 79, 6-19.	5.9	34
54	Steel fibre reinforcing effects on engineering properties of cement-less concretes with AAS. Magazine of Concrete Research, 2015, 67, 206-214.	0.9	1

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55	Mechanical properties of ready-mixed concrete incorporating fine recycled aggregate. Magazine of Concrete Research, 2015, 67, 621-632.	0.9	18
56	Effect of barium-based phase change material (PCM) to control the heat of hydration on the mechanical properties of mass concrete. Thermochemica Acta, 2015, 613, 100-107.	1.2	58
57	Bond strength prediction for deformed steel rebar embedded in recycled coarse aggregate concrete. Materials and Design, 2015, 83, 257-269.	3.3	61
58	In-plane shear behavior of insulated precast concrete sandwich panels reinforced with corrugated GFRP shear connectors. Composites Part B: Engineering, 2015, 79, 419-429.	5.9	54
59	Acoustic emission activity of CFRP-strengthened reinforced concrete beams after freeze-thaw cycling. Cold Regions Science and Technology, 2015, 110, 47-58.	1.6	28
60	Characteristics of structural concrete containing fluorosilicate-based admixture (FBA) for improving water-tightness. Construction and Building Materials, 2015, 74, 241-248.	3.2	6
61	High-Velocity Impact Experiment on Impact Resistance of Steel Fiber-Reinforced Concrete Panels with Wire Mesh. Journal of the Korea Concrete Institute, 2015, 27, 103-113.	0.1	2
62	Effects of Aggregate Size and Fiber Volume Fraction on Flexural Properties of Steel Fiber Reinforced Concrete (SFRC). Journal of the Architectural Institute of Korea Structure and Construction, 2015, 31, 45-54.	0.1	2
63	Cracking Behavior and Flexural Performance of RC Beam with Strain Hardening Cement Composite and High-Strength Reinforcing Bar. Journal of the Korea Concrete Institute, 2015, 27, 37-44.	0.1	1
64	Effects of Aggregate Size and Steel Fiber Volume Fraction on Compressive Behaviors of High-Strength Concrete. Journal of the Korea Concrete Institute, 2015, 27, 229-236.	0.1	3
65	Face Damage Characteristic of Steel Fiber-Reinforced Concrete Panels under High-Velocity Globular Projectile Impact. Journal of the Korea Concrete Institute, 2015, 27, 411-418.	0.1	2
66	The Seismic Performance of Non-Ductile Reinforced Concrete (RC) Frames with Engineered Cementitious Composite (ECC) Wing Panel Elements. Journal of the Korea Concrete Institute, 2015, 27, 541-549.	0.1	0
67	Feasibility of Using Phase Change Materials to Control the Heat of Hydration in Massive Concrete Structures. Scientific World Journal, The, 2014, 2014, 1-6.	0.8	27
68	Influence of Rapid Freeze-Thaw Cycling on the Mechanical Properties of Sustainable Strain-Hardening Cement Composite (2SHCC). Materials, 2014, 7, 1422-1440.	1.3	21
69	Effects of Steel Fiber Volume Fraction on Compressive and Flexural Behaviors of Alkali-Activated Slag (AAS) Concrete. Applied Mechanics and Materials, 2014, 525, 469-472.	0.2	2
70	Structural Behaviors of Non-Ductile Reinforced Concrete Frames with Engineered Cement Composite (ECC) Wing Wall Elements. Applied Mechanics and Materials, 2014, 597, 328-331.	0.2	0
71	Seismic Performance of Steel Fiber Reinforced Concrete (SFRC) Infill Wall Element with Vertical Slits for Strengthening of Non-Ductile Frame. Applied Mechanics and Materials, 2014, 525, 431-434.	0.2	0
72	Thermal Characteristics of Mat Foundation with Different Lift Thickness of Mass Concrete Including Strontium-Based Latent Heat Binder. Applied Mechanics and Materials, 2014, 525, 461-464.	0.2	0

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73	Flexural Behaviors of Double Reinforced Beam with High-Performance Cement Composite and Steel Bar. <i>Applied Mechanics and Materials</i> , 2014, 525, 412-415.	0.2	0
74	Attempts to apply high performance fiber-reinforced cement composite (HPFRCC) to infrastructures in South Korea. <i>Composite Structures</i> , 2014, 109, 211-223.	3.1	41
75	Evaluation of the bond behavior of steel reinforcing bars in recycled fine aggregate concrete. <i>Cement and Concrete Composites</i> , 2014, 46, 8-18.	4.6	78
76	Effects of Corrugated GFRP Shear Connector Width and Pitch on In-plane Shear Behavior of Insulated Concrete Sandwich Wall Panels (CSWP). <i>Journal of the Korea Concrete Institute</i> , 2014, 26, 421-428.	0.1	0
77	Impact Resistance of Steel Fiber-Reinforced Concrete Panels Under High Velocity Impact-Load. <i>Journal of the Korea Concrete Institute</i> , 2014, 26, 731-739.	0.1	3
78	Long-term deflection and flexural behavior of reinforced concrete beams with recycled aggregate. <i>Materials & Design</i> , 2013, 51, 742-750.	5.1	108
79	Influence of recycled coarse aggregates on the bond behavior of deformed bars in concrete. <i>Engineering Structures</i> , 2013, 48, 133-143.	2.6	121
80	Effect of accelerated freeze-thaw cycling on mechanical properties of hybrid PVA and PE fiber-reinforced strain-hardening cement-based composites (SHCCs). <i>Composites Part B: Engineering</i> , 2013, 52, 11-20.	5.9	46
81	Flexural behavior and crack-damage mitigation of plain concrete beam with a strain-hardening cement composite (SHCC) layer at tensile region. <i>Composites Part B: Engineering</i> , 2013, 45, 377-387.	5.9	35
82	Mechanical performance of corroded RC member repaired by HPFRCC patching. <i>Construction and Building Materials</i> , 2013, 39, 139-147.	3.2	45
83	Influence of Fiber Volume Fraction and Aggregate Size on Flexural Behavior of High Strength Steel Fiber-Reinforced Concrete (SFRC). <i>Applied Mechanics and Materials</i> , 2013, 372, 223-226.	0.2	9
84	Stiffness and Energy Dissipation of Steel Coupling Beam Embedded in the PSH2C and Normal Concrete Shear Wall. <i>Applied Mechanics and Materials</i> , 2013, 351-352, 556-559.	0.2	0
85	Mechanical Properties of Sprayable Fiber Reinforced Strain-Hardening Cement Composite (SHCC). <i>Applied Mechanics and Materials</i> , 2013, 372, 211-214.	0.2	0
86	Influences of Vertical Slits on the Shear Behavior of Strain-Hardening Cement Composite (SHCC) Infill Walls Based on FEM Analysis. <i>Applied Mechanics and Materials</i> , 2013, 372, 227-230.	0.2	0
87	Panel Shear Strength of Steel Coupling Beam-Pseudo Strain Hardening Cementitious Composite Wall Connection. <i>Applied Mechanics and Materials</i> , 2013, 328, 965-969.	0.2	1
88	Effect of Cement Matrix's Type on the Shear Performance of Lightly Reinforced Squat Shear Walls Subjected to Cyclic Loading. <i>Advanced Materials Research</i> , 2013, 658, 42-45.	0.3	3
89	Thermal Analysis of Hydration Heat in Mass Concrete with Different Cement Binder Proportions. <i>Applied Mechanics and Materials</i> , 2013, 372, 199-202.	0.2	3
90	Effect of Expansive Admixtures on the Shrinkage and Mechanical Properties of High-Performance Fiber-Reinforced Cement Composites. <i>Scientific World Journal</i> , The, 2013, 2013, 1-11.	0.8	9

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91	Tension-Stiffening and Cracking Behavior of 100 MPa Shrinkage-Compensated Ultra High-Strength Strain-Hardening Cement Composite (UHS-SHCC) Ties. Journal of the Korea Concrete Institute, 2013, 25, 371-379.	0.1	2
92	The Influence on Horizontal Ties of Steel Coupling Beams. Applied Mechanics and Materials, 2012, 204-208, 1229-1232.	0.2	0
93	Flexural performance of reinforced recycled aggregate concrete beams. Magazine of Concrete Research, 2012, 64, 837-848.	0.9	54
94	Freeze-thaw influence on the flexural properties of ductile fiber-reinforced cementitious composites (DFRCCs) for durable infrastructures. Cold Regions Science and Technology, 2012, 78, 82-88.	1.6	33
95	Development of recycled strain-hardening cement-based composite (SHCC) for sustainable infrastructures. Composites Part B: Engineering, 2012, 43, 627-635.	5.9	65
96	Compressive behavior of reinforced concrete columns with recycled aggregate under uniaxial loading. Engineering Structures, 2012, 41, 285-293.	2.6	164
97	Ductility and Bond Characteristics of Steel Fiber-Reinforced Concrete Members Subjected to Shear. Advanced Science Letters, 2012, 13, 491-494.	0.2	3
98	Shear Performance of Full-Scale Recycled Fine Aggregate Concrete Beams without Shear Reinforcement. Journal of the Korea Concrete Institute, 2012, 24, 225-232.	0.1	3
99	Seismic Retrofit of an Existing School Building using CIP-Infilled Shear Walls and Steel Braces. The Journal of Korean Institute of Educational Facilities, 2012, 19, 21-28.	0.0	2
100	Influence of Strain-Hardening Cement Composite's Tensile Properties on the Seismic Performance of Infill Walls. Journal of the Korea Concrete Institute, 2012, 24, 3-14.	0.1	0
101	Effects of Fiber Blending Condition and Expansive Admixture Replacement on Tensile Performance of Rebar Lap Splice in Strain-Hardening Cement-Based Composites (SHCCs). Journal of the Korea Concrete Institute, 2012, 24, 111-120.	0.1	0
102	Influence of Water-Binder Ratio and Expansion Admixture on Mechanical Properties of Strain-Hardening Cement-Based Composite with Hybrid Steel and Polyethylene Fibers. Journal of the Korea Concrete Institute, 2012, 24, 233-240.	0.1	1
103	Seismic Performance of Shear Connections in Fiber-Reinforced Strain-Hardening Cement Composite (SHCC) Under Cyclic Loading. Advanced Science Letters, 2012, 13, 251-256.	0.2	0
104	Influence of CSA Expansive Admixture on Mechanical Properties of Strain-Hardening Cement-Based Composite (SHCC). Advanced Science Letters, 2012, 13, 727-731.	0.2	0
105	Tension Stiffening Behavior of Strain-Hardening Cement Composite (SHCC) Ties in Monotonic and Cyclic Loadings. Advanced Science Letters, 2012, 14, 425-430.	0.2	0
106	Seismic Resistance of Precast Concrete Frame System with Hollow Column and Universal Coupler. Advanced Science Letters, 2012, 14, 23-29.	0.2	0
107	Flexural Performance and Crack Damage Mitigation of Plain Concrete Beams Layered with Reinforced SHCC Materials with Polyethylene Fibers. Journal of the Korea Concrete Institute, 2012, 24, 361-368.	0.1	0
108	Tensile behavior of synthetic fiber-reinforced strain-hardening cement-based composite (SHCC) after freezing and thawing exposure. Cold Regions Science and Technology, 2011, 67, 49-57.	1.6	32

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109	Shear strength of pseudo strain hardening cementitious composite coupling beam. Composites Part B: Engineering, 2011, 42, 429-443.	5.9	8
110	Crack-damage mitigation and flexural behavior of flexure-dominant reinforced concrete beams repaired with strain-hardening cement-based composite. Composites Part B: Engineering, 2011, 42, 645-656.	5.9	23
111	Seismic performance of pseudo strain-hardening cementitious composite coupling beams with different reinforcement details. Composites Part B: Engineering, 2011, 42, 1427-1445.	5.9	23
112	Crack-damage mitigation of RC one-way slabs with a strain-hardening cement-based composite layer. Magazine of Concrete Research, 2011, 63, 493-509.	0.9	11
113	Field Application of Low Heat Concrete Using Strontium Hydroxide Based Latent Heat Material. Journal of the Korea Institute for Structural Maintenance Inspection, 2011, 15, 218-226.	0.1	2
114	Crack Control of Flexure-Dominant Reinforced Concrete Beams Repaired with Strain-Hardening Cement Composite (SHCC) Materials. Journal of the Korea Concrete Institute, 2011, 23, 109-120.	0.1	0
115	Seismic Performance of Steel Braces Jointed with High Performance Fiber Reinforced Cementitious Composites and Steel Bars. Advances in Structural Engineering, 2010, 13, 1115-1127.	1.2	0
116	Dynamic impact characteristics of KN-18 SNF transport cask " Part 1: An advanced numerical simulation and validation technique. Annals of Nuclear Energy, 2010, 37, 546-559.	0.9	26
117	Acoustic emission activities and damage evaluation of reinforced concrete beams strengthened with CFRP sheets. NDT and E International, 2010, 43, 615-628.	1.7	83
118	Demonstration of structural performance of IP-2 packages by advanced analytical simulation and full-scale drop test. Nuclear Engineering and Design, 2010, 240, 639-655.	0.8	8
119	Dynamic impact characteristics of KN-18 SNF transport cask " Part 2: Sensitivity analysis of modeling and design parameters. Annals of Nuclear Energy, 2010, 37, 560-571.	0.9	19
120	Corrosion protection performance of High Performance Fiber Reinforced Cement Composites as a repair material. Cement and Concrete Composites, 2010, 32, 411-420.	4.6	50
121	Shear performance of precast SHCC infill walls for seismic retrofitting of non-ductile frames. Magazine of Concrete Research, 2010, 62, 925-934.	0.9	8
122	Effect of Recycled Coarse Aggregate (RCA) Replacement Level on the Bond Behaviour between RCA Concrete and Deformed Rebars. Journal of the Korea Concrete Institute, 2010, 22, 123-130.	0.1	1
123	Effects of Expansive Admixture on the Mechanical Properties of Strain-Hardening Cement Composite (SHCC). Journal of the Korea Concrete Institute, 2010, 22, 617-624.	0.1	11
124	Mechanical Properties of Strain Hardening Cement-Based Composite (SHCC) with Recycled Materials. Journal of the Korea Concrete Institute, 2010, 22, 727-736.	0.1	4
125	Effect of Freeze-Thaw Cycles after Cracking Damage on the Flexural Behavior of Reinforced Concrete Beams. Journal of the Korea Concrete Institute, 2010, 22, 399-407.	0.1	3
126	Flexural Behavior of Reinforced Recycled Aggregate Concrete Beams. Journal of the Korea Concrete Institute, 2009, 21, 431-439.	0.1	12

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127	Seismic Performance of Precast Infill Walls with Strain-Hardening Cementitious Composites. Journal of the Korea Concrete Institute, 2009, 21, 327-335.	0.1	2
128	Quantitative Damage Evaluation of Fiber-Reinforced Cement Composite Using Acoustic Emission Technique. Journal of the Korea Concrete Institute, 2009, 21, 457-464.	0.1	0
129	Assessment of the Damage in High Performance Fiber-Reinforced Cement Composite under Compressive Loading Using Acoustic Emission. Journal of the Korea Concrete Institute, 2009, 21, 589-597.	0.1	0
130	Effects of fibre-reinforced cement composites' ductility on the seismic performance of short coupling beams. Magazine of Concrete Research, 2008, 60, 223-233.	0.9	28
131	Mechanical properties of high-performance hybrid-fibre-reinforced cementitious composites (HPHFRCCs). Magazine of Concrete Research, 2007, 59, 257-271.	0.9	44
132	Seismic behaviour and design of steel coupling beams in a hybrid coupled shear wall systems. Nuclear Engineering and Design, 2006, 236, 2474-2484.	0.8	29
133	The bearing strength of steel coupling beam-reinforced concrete shear wall connections. Nuclear Engineering and Design, 2006, 236, 77-93.	0.8	13
134	Hysteretic behavior and design specification of composite beam with slit around column. Engineering Structures, 2006, 28, 818-828.	2.6	0
135	Bearing strength of steel coupling beam connections embedded reinforced concrete shear walls. Engineering Structures, 2006, 28, 1319-1334.	2.6	12
136	Durability and Crack Control of Concrete Using Fluosilicates Based Composite. Journal of the Korea Concrete Institute, 2006, 18, 57-64.	0.1	1
137	The Steel Coupling Beam-Wall Connections Strength. Journal of the Korea Concrete Institute, 2006, 18, 135-145.	0.1	0
138	Shear strength of the connection between a steel coupling beam and a reinforced concrete shear wall in a hybrid wall system. Journal of Constructional Steel Research, 2005, 61, 912-941.	1.7	25
139	Seismic behaviour of coupling beams in a hybrid coupled shear walls. Journal of Constructional Steel Research, 2005, 61, 1492-1524.	1.7	36
140	Seismic behaviour of steel coupling beams linking reinforced concrete shear walls. Engineering Structures, 2005, 27, 1024-1039.	2.6	40
141	Experimental studies on seismic behavior of steel coupling beams. Structural Engineering and Mechanics, 2005, 20, 695-712.	1.0	2
142	Experimental Study on Engineering Properties of Concrete Using Fluosilicates Based Composite. Journal of the Korea Concrete Institute, 2005, 17, 769-774.	0.1	5
143	Seismic Behavior of High-Strength Reinforced Concrete Bridge Columns. Journal of the Korea Concrete Institute, 2005, 17, 505-511.	0.1	0
144	Bearing Strength of Hybrid Coupled Shear Wall Connections. Journal of the Korea Concrete Institute, 2005, 17, 1065-1074.	0.1	0

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145	EVALUATION OF DEFORMATION CAPACITY FOR RC T-SHAPED CANTILEVER WALLS. Journal of Earthquake Engineering, 2004, 8, 397-414.	1.4	8
146	Title is missing!. Journal of Earthquake Engineering, 2004, 8, 397.	1.4	4
147	Effects of transverse reinforcement on flexural behaviour of high-strength concrete columns. Engineering Structures, 2004, 26, 1-12.	2.6	53
148	Seismic behavior of high-strength concrete flexural walls with boundary elements. Structural Engineering and Mechanics, 2004, 18, 493-516.	1.0	2
149	Effect of Confined High-Strength Concrete Columns. Journal of the Korea Concrete Institute, 2003, 15, 747-758.	0.1	3
150	Bond Behavior between Parent Concrete and Carbon Fiber Mesh. Journal of the Korea Concrete Institute, 2003, 15, 769-777.	0.1	0
151	Assessing the Fracture and Damage Process in Recycled Aggregate Concrete under Compressive Loading by Acoustic Emission. Advanced Materials Research, 0, 163-167, 2528-2531.	0.3	0
152	Using Acoustic Emission to Quantify Damage in High-Performance Fiber-Reinforced Cement Composites under Cyclically Compressive Loading. Advanced Materials Research, 0, 163-167, 2549-2552.	0.3	0
153	Acoustic Emission Monitoring and Fracture Process of Reinforced Concrete Beams Strengthened in Flexure with CFRP. Advanced Materials Research, 0, 163-167, 2581-2584.	0.3	1
154	Tension Stiffening and Cracking Behavior of Ultra High Strength Strain-Hardening Cement Composite (UHS-SHCC) Ties in Monotonic and Cyclic Tension. Applied Mechanics and Materials, 0, 204-208, 3982-3985.	0.2	0
155	Direct Shear Responses of Insulated Concrete Sandwich Panels with GFRP Shear Connectors. Applied Mechanics and Materials, 0, 204-208, 803-806.	0.2	6
156	Flexural Toughness of Sprayable Strain-Hardening Cement Composite (SHCC) for Seismic Retrofit of Non-Ductile Reinforced Concrete Frames. Advanced Materials Research, 0, 658, 34-37.	0.3	4
157	Shear Reinforcing Influence of GFRP Shear Connectors in the Concrete Sandwich Wall Panel (CSWP) for Exterior Envelopes of Buildings. Advanced Materials Research, 0, 658, 38-41.	0.3	3
158	Size Effect of High Performance Concrete with Blast Furnace Slag on Compressive Strength and Modulus of Elasticity. Applied Mechanics and Materials, 0, 405-408, 2820-2823.	0.2	1
159	Hysteretic Behavior of Reinforced Concrete Coupling Beams with Diagonal Headed-Bars. Applied Mechanics and Materials, 0, 351-352, 734-737.	0.2	0
160	The Effect of Alternative Reinforcement Details in Reinforced Concrete Coupling Beams. Applied Mechanics and Materials, 0, 405-408, 865-868.	0.2	0
161	Effect of GFRP Shear Ties on Shear Behavior of Interfaces between Precast Concrete Panel and Extruded Polystyrene Special Insulation. Advanced Materials Research, 0, 658, 46-49.	0.3	5
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164	Influence of Different Curing Days on Mechanical Properties of Concrete with Admixtures of Fly Ash, Blast Furnace Slag and Silica Fume. <i>Applied Mechanics and Materials</i> , 0, 405-408, 2843-2846.	0.2	0
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166	Effects of Shrinkage Reducing Admixture (SRA) on the Tensile Behavior of Strain-Hardening Cement Composite (SHCC). <i>Applied Mechanics and Materials</i> , 0, 372, 203-206.	0.2	0
167	Compressive Properties of High Strength Steel Fiber Reinforced Concrete with Different Fiber Volume Fractions. <i>Applied Mechanics and Materials</i> , 0, 372, 215-218.	0.2	8
168	Shear Behavior of Squat Steel Fiber Reinforced Concrete (SFRC) Shear Walls with Vertical Slits. <i>Applied Mechanics and Materials</i> , 0, 372, 207-210.	0.2	7
169	The Seismic Behavior of Pseudo Strain-Hardening Cementitious Composites Coupling Beams with Polyvinyl Alcohol Fiber. <i>Applied Mechanics and Materials</i> , 0, 353-356, 2119-2122.	0.2	0
170	Strength, Stiffness and Energy Dissipated Characteristics of Reinforced Concrete Coupling Beams with Diagonal Headed-Bars. <i>Applied Mechanics and Materials</i> , 0, 405-408, 981-984.	0.2	0
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174	Influence of Cold Weather on Compressive Strength in High Performance with Silica Fume. <i>Key Engineering Materials</i> , 0, 627, 445-448.	0.4	1
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178	Influence of Insulation Type on In-Plane Shear Behavior of Insulated Concrete Sandwich Panels (ICSP) with GFRP Grid Shear Connectors. <i>Applied Mechanics and Materials</i> , 0, 525, 416-419.	0.2	1
179	Influence of Curing Temperature on the Compressive Strength of High Performance Concrete. <i>Applied Mechanics and Materials</i> , 0, 597, 316-319.	0.2	1
180	The Relationship of Compressive Strength and Tensile Strength of High Performance Concrete. <i>Key Engineering Materials</i> , 0, 627, 385-388.	0.4	4

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182	Effect of Steel Fiber Volume Fraction and Curing Conditions on the Compressive Behavior of Alkali-Activated Slag Concrete. Applied Mechanics and Materials, 0, 525, 491-494.	0.2	0
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188	Prestressed effect of reinforced concrete frame with grid shape steel element. Contemporary Engineering Sciences, 0, 9, 95-101.	0.2	1
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191	Numerical prediction for bond stress-slip relationship between deformed steel rebar and recycled coarse aggregate concrete. Contemporary Engineering Sciences, 0, 8, 485-490.	0.2	0
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