

Eun-Ik Yang

List of Publications by Year in descending order

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31
papers

1,048
citations

687363

13
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526287

27
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31
all docs

31
docs citations

31
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental study on absorptivity measurement of superabsorbent polymers (SAP) and effect of SAP on freeze-thaw resistance in mortar specimen. <i>Construction and Building Materials</i> , 2021, 267, 120974.	7.2	15
2	Effect of Internal Pores Formed by a Superabsorbent Polymer on Durability and Drying Shrinkage of Concrete Specimens. <i>Materials</i> , 2021, 14, 5199.	2.9	9
3	An experimental study on the flexural behavior of RC member under long-term calcium leaching degradation. <i>Journal of Structural Integrity and Maintenance</i> , 2021, 6, 16-27.	1.5	0
4	An Experimental Study on Alkali Silica Reaction of Concrete Specimen Using Steel Slag as Aggregate. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6699.	2.5	6
5	Comparison of Drying Shrinkage of Concrete Specimens Recycled Heavyweight Waste Glass and Steel Slag as Aggregate. <i>Materials</i> , 2020, 13, 5084.	2.9	17
6	Evaluation of durability and radiation shielding property of heavyweight filling material for application in radioactive disposal facilities. <i>Annals of Nuclear Energy</i> , 2019, 133, 750-761.	1.8	6
7	Characteristics of volume change and heavy metal leaching in mortar specimens recycled heavyweight waste glass as fine aggregate. <i>Construction and Building Materials</i> , 2018, 165, 424-433.	7.2	21
8	An Experimental Study on Flexural Behaviors of Reinforced Concrete Member Replaced Heavyweight Waste Glass as Fine Aggregate under Cyclic Loading. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2208.	2.5	3
9	Evaluation of durability of concrete substituted heavyweight waste glass as fine aggregate. <i>Construction and Building Materials</i> , 2018, 184, 269-277.	7.2	77
10	A comparison study of performance and environmental impacts of chloride-based deicers and eco-label certified deicers in South Korea. <i>Cold Regions Science and Technology</i> , 2017, 143, 43-51.	3.5	26
11	Effects of heavy weight waste glass recycled as fine aggregate on the mechanical properties of mortar specimens. <i>Annals of Nuclear Energy</i> , 2017, 99, 372-382.	1.8	48
12	A Study on the Optimum Material Mix Design for Vegetation Shotcrete Using Mineral Additive. <i>Key Engineering Materials</i> , 2017, 744, 21-26.	0.4	1
13	Durability of latex-modified concrete carried by ready-mix truck for concrete rooftops. <i>Magazine of Concrete Research</i> , 2016, 68, 318-324.	2.0	2
14	Characteristics of Calcium Leaching Resistance for Concrete Mixed with Mineral Admixture. <i>Journal of the Korea Institute for Structural Maintenance Inspection</i> , 2016, 20, 59-67.	0.1	2
15	Evaluation on the Applicability of Heavy Weight Waste Glass as Fine Aggregate of Shielding Concrete. <i>Journal of the Korea Institute for Structural Maintenance Inspection</i> , 2015, 19, 101-108.	0.1	4
16	Effect of corrosion method of the reinforcing bar on bond characteristics in reinforced concrete specimens. <i>Construction and Building Materials</i> , 2014, 54, 180-189.	7.2	80
17	Analytical Study on Structural Behavior of Surface Damaged Concrete Member by Calcium Leaching Degradation. <i>Journal of the Korea Institute for Structural Maintenance Inspection</i> , 2014, 18, 22-32.	0.1	3
18	Application of the colorimetric method to chloride diffusion evaluation in concrete structures. <i>Construction and Building Materials</i> , 2013, 41, 239-245.	7.2	27

#	ARTICLE	IF	CITATIONS
19	Effect of calcium leaching on the pore structure, strength, and chloride penetration resistance in concrete specimens. Nuclear Engineering and Design, 2013, 259, 126-136.	1.7	76
20	Evaluation of concrete durability due to carbonation in harbor concrete structures. Construction and Building Materials, 2013, 48, 1045-1049.	7.2	43
21	Characteristics of Pore Structures and Compressive Strength in Calcium Leached Concrete Specimens. Journal of the Korea Concrete Institute, 2011, 23, 647-656.	0.2	9
22	Effect of partial replacement of sand with dry oyster shell on the long-term performance of concrete. Construction and Building Materials, 2010, 24, 758-765.	7.2	129
23	Effect of specimen sizes, specimen shapes, and placement directions on compressive strength of concrete. Nuclear Engineering and Design, 2006, 236, 115-127.	1.7	207
24	Effect of oyster shell substituted for fine aggregate on concrete characteristics: Part I. Fundamental properties. Cement and Concrete Research, 2005, 35, 2175-2182.	11.0	214
25	Mechanical Characteristics of Axially Restrained Concrete Specimens at Early Ages. Journal of Materials in Civil Engineering, 2004, 16, 35-44.	2.9	9
26	Effect of axial restraint on mechanical behavior and average crack spacing of reinforced concrete flexural members. Nuclear Engineering and Design, 2004, 228, 107-117.	1.7	4
27	Chloride Diffusion in Hardened Concrete with Concrete Properties and Testing Method. Journal of the Korea Concrete Institute, 2004, 16, 261-268.	0.2	4
28	Long-Term Performance Evaluation of Concrete Utilizing Oyster Shell in Lieu of Fine Aggregate. Journal of the Korea Concrete Institute, 2003, 15, 280-287.	0.2	3
29	Experimental study on structural behaviour of calcium leaching damaged concrete member. Magazine of Concrete Research, 0, , 1-39.	2.0	3
30	Analytical Study on the Flexural Behavior of Reinforced Concrete Beam with Mineral Admixture under Calcium Leaching Degradation. Materials Science Forum, 0, 940, 123-127.	0.3	0
31	Characteristics of Flexural Behavior of Reinforced Concrete Member Substituted Heavyweight Waste Glass as Fine Aggregate. Materials Science Forum, 0, 940, 141-145.	0.3	0