

# Jong-Pil Won

## List of Publications by Year in descending order

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54  
papers

1,338  
citations

394421

19  
h-index

361022

35  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between the rheology and flowability of self-compacting structural synthetic fibre-reinforced cementitious composites. <i>Composite Structures</i> , 2021, 267, 113862.	5.8	7
2	Effects of graphene oxide on pore structure and mechanical properties of cementitious composites. <i>Composite Structures</i> , 2020, 234, 111709.	5.8	31
3	Selection of functional materials for surface-coating of structural synthetic fibres and development of a 3D-printing system for their manufacture. <i>Composite Structures</i> , 2020, 249, 112567.	5.8	4
4	Graphene oxide as an additive to enhance the strength of cementitious composites. <i>Composite Structures</i> , 2020, 242, 112154.	5.8	17
5	Resistance of an eco-friendly nano-polymer fireproof cementitious composite to physical and chemical environments. <i>Composite Structures</i> , 2019, 222, 110901.	5.8	2
6	Shrinkage characteristics and strength recovery of nanomaterials-cement composites. <i>Composite Structures</i> , 2018, 202, 559-565.	5.8	17
7	Interfacial properties of nanosilica-treated structural polymer fibres in cement matrix composites. <i>Composite Structures</i> , 2018, 202, 465-472.	5.8	4
8	Effect of steel fibres on fracture parameters of cementitious composites. <i>Composite Structures</i> , 2018, 204, 658-663.	5.8	16
9	Strength and fire resistance of a high-strength nano-polymer modified cementitious composite. <i>Composite Structures</i> , 2017, 173, 96-105.	5.8	17
10	Resistibility of structural nano-synthetic fibre-reinforced cementitious composites in various chemical and physical environments. <i>Composite Structures</i> , 2017, 179, 495-501.	5.8	2
11	Bond-flexural behaviour of structural nano-synthetic fibre-reinforced cementitious composites. <i>Composite Structures</i> , 2016, 152, 20-33.	5.8	5
12	Shrinkage characteristics of structural nano-synthetic fibre-reinforced cementitious composites. <i>Composite Structures</i> , 2016, 157, 236-243.	5.8	22
13	Optimal dimension of arch-type steel fibre-reinforced cementitious composite for shotcrete. <i>Composite Structures</i> , 2016, 152, 600-606.	5.8	15
14	Enhanced long-term strength and durability of shotcrete with high-strength C 12 A 7 mineral-based accelerator. <i>Cement and Concrete Research</i> , 2015, 76, 121-129.	11.0	34
15	Interfacial phenomena in structural polymeric nano-clay synthetic fiber reinforced cementitious composites. <i>Composite Structures</i> , 2015, 133, 62-69.	5.8	7
16	Improved mixture composition for early-opening heat-conductive concrete. <i>Road Materials and Pavement Design</i> , 2015, 16, 957-969.	4.0	2
17	Bonding behaviour of arch-type steel fibres in a cementitious composite. <i>Composite Structures</i> , 2015, 133, 117-123.	5.8	17
18	Flexural behaviour of arch-type steel fibre reinforced cementitious composites. <i>Composite Structures</i> , 2015, 134, 565-571.	5.8	12

#	ARTICLE	IF	CITATIONS
19	Carbon reduction of precast concrete under the marine environment. <i>Construction and Building Materials</i> , 2015, 74, 118-123.	7.2	17
20	Thermal characteristics of a conductive cement-based composite for a snow-melting heated pavement system. <i>Composite Structures</i> , 2014, 118, 106-111.	5.8	44
21	Flexural behavior of precast reinforced concrete composite members reinforced with structural nano-synthetic and steel fibers. <i>Composite Structures</i> , 2014, 118, 571-579.	5.8	17
22	Shrinkage and corrosion resistance of amorphous metallic-fiber-reinforced cement composites. <i>Composite Structures</i> , 2014, 107, 537-543.	5.8	31
23	Mechanical performance of shotcrete made with a high-strength cement-based mineral accelerator. <i>Construction and Building Materials</i> , 2013, 49, 175-183.	7.2	60
24	Shrinkage and durability characteristics of eco-friendly fireproof high-strength concrete. <i>Construction and Building Materials</i> , 2013, 40, 753-762.	7.2	13
25	Bonding properties of amorphous micro-steel fibre-reinforced cementitious composites. <i>Composite Structures</i> , 2013, 102, 101-109.	5.8	42
26	Mix proportion of eco-friendly fireproof high-strength concrete. <i>Construction and Building Materials</i> , 2013, 38, 181-187.	7.2	12
27	Manufacture and properties of a structural synthetic polymer fiber-containing nanoclay for concrete reinforcement. <i>Polymer Composites</i> , 2013, 34, 1698-1709.	4.6	3
28	Durability characteristics of nano-GFRP composite reinforcing bars for concrete structures in moist and alkaline environments. <i>Composite Structures</i> , 2012, 94, 1236-1242.	5.8	33
29	Flexural behaviour of amorphous micro-steel fibre-reinforced cement composites. <i>Composite Structures</i> , 2012, 94, 1443-1449.	5.8	66
30	Experimental and statistical analysis of the alkali-silica reaction of accelerating admixtures in shotcrete. <i>Construction and Building Materials</i> , 2012, 30, 330-339.	7.2	24
31	Eco-friendly fireproof high-strength polymer cementitious composites. <i>Construction and Building Materials</i> , 2012, 30, 406-412.	7.2	19
32	Thermal characteristics of high-strength polymer-cement composites with lightweight aggregates and polypropylene fiber. <i>Construction and Building Materials</i> , 2011, 25, 3810-3819.	7.2	36
33	Enhanced durability performance of face slab concrete in Concrete-Faced Rock-filled Dam using fly ash and PVA fibre. <i>KSCE Journal of Civil Engineering</i> , 2011, 15, 875-882.	1.9	13
34	Performance evaluation of ultra-rapid-hardening roller-compacted concrete with styrene butadiene latex. <i>Journal of Applied Polymer Science</i> , 2011, 121, 196-201.	2.6	6
35	Bonding characteristics of recycled polyethylene terephthalate (PET) fibers coated with maleic anhydride grafted polypropylene in cement-based composites. <i>Journal of Applied Polymer Science</i> , 2011, 121, 1908-1915.	2.6	17
36	Mix proportion of high-strength, roller-compacted, latex-modified rapid-set concrete for rapid road repair. <i>Construction and Building Materials</i> , 2011, 25, 1796-1800.	7.2	24

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37	Mix proportion and properties of fire-resistant wet-mixed high-strength polypropylene fiber-reinforced sprayed polymer cement composites. <i>Composite Structures</i> , 2010, 92, 2166-2172.	5.8	15
38	Long-term performance of recycled PET fibre-reinforced cement composites. <i>Construction and Building Materials</i> , 2010, 24, 660-665.	7.2	103
39	Bonding Properties of Carbon Fibre Reinforced Polymer (Cfrp) Reinforcing Bar in High-Strength Concrete with Mineral Admixtures. <i>Polymers and Polymer Composites</i> , 2009, 17, 545-556.	1.9	2
40	Durability of Low-Heat, Ultra Rapid-Hardening, Latex-Modified Polymer Concrete. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2009, 25, 91-102.	1.8	15
41	Bond Properties of CFRP Rebar in Fiber Reinforced High Strength Concrete with Surface Treatment Methods of Reinforcing Fibers. <i>Journal of the Korea Concrete Institute</i> , 2009, 21, 275-282.	0.2	7
42	Effects of the geometry of recycled PET fiber reinforcement on shrinkage cracking of cement-based composites. <i>Composites Part B: Engineering</i> , 2008, 39, 442-450.	12.0	117
43	Effect of fibers on the bonds between FRP reinforcing bars and high-strength concrete. <i>Composites Part B: Engineering</i> , 2008, 39, 747-755.	12.0	86
44	Microstructural investigation of long-term degradation mechanisms in GFRP dowel bars for jointed concrete pavement. <i>Journal of Applied Polymer Science</i> , 2008, 108, 3128-3137.	2.6	17
45	The effect of exposure to alkaline solution and water on the strength-porosity relationship of GFRP rebar. <i>Composites Part B: Engineering</i> , 2008, 39, 764-772.	12.0	79
46	Influence of a C12A7 mineral-based accelerator on the strength and durability of shotcrete. <i>Cement and Concrete Research</i> , 2008, 38, 379-385.	11.0	63
47	Bond Properties of Glass Fibre-Reinforced Polymer Dowel Bars in Jointed Concrete. <i>Polymers and Polymer Composites</i> , 2008, 16, 187-192.	1.9	3
48	Bond Behavior of Carbon Fiber Polymer Reinforced Polymer Rebar in High Strength Concrete with Replacement Ratio of Silica Fume and Metakaolin. <i>Journal of the Korean Society of Agricultural Engineers</i> , 2008, 50, 51-60.	0.1	0
49	Mechanical Properties and Microstructures of Gfrp Rebar after Long-Term Exposure to Chemical Environments. <i>Polymers and Polymer Composites</i> , 2007, 15, 403-408.	1.9	10
50	Bond Behaviour of Frp Reinforcing Bars in High-Strength Steel Fibre-Reinforced Concrete. <i>Polymers and Polymer Composites</i> , 2007, 15, 569-578.	1.9	5
51	Service Life Prediction of Gfrp Rebars in an Alkaline Environment. <i>Polymers and Polymer Composites</i> , 2007, 15, 475-479.	1.9	1
52	High Strength Polymer-Modified Repair Cementitious Composite for Fire Protection. <i>Polymers and Polymer Composites</i> , 2007, 15, 379-388.	1.9	14
53	Effect of Environmental Exposure on the Mechanical and Bonding Properties of Hybrid FRP Reinforcing Bars for Concrete Structures. <i>Journal of Composite Materials</i> , 2006, 40, 1063-1076.	2.4	55
54	Enhanced durability performance of fly ash concrete for concrete-faced rockfill dam application. <i>Cement and Concrete Research</i> , 2002, 32, 23-30.	11.0	38