Sol Moi Park

List of Publications by Year in Descending Order

146 papers	4,702 citations	36 h-index	63 g-index
152 ext. papers	5,914 ext. citations	5.9 avg, IF	6.55 L-index

#	Paper	IF	Citations
146	Enhanced electrical heating capability of CNT-embedded cementitious composites exposed to water ingress with addition of silica aerogel. *Ceramics International*, **2022**,	5.1	1
145	Improved electromagnetic wave shielding capability of carbonyl iron powder-embedded lightweight CFRP composites. *Composite Structures*, **2022**, 286, 115326	5.3	2
144	Thermodynamic modeling and mechanical properties of hybrid alkaline cement composites. *Construction and Building Materials*, **2022**, 322, 126381	6.7	1
143	Self-healing of Portland and slag cement binder systems incorporating circulating fluidized bed combustion bottom ash. *Construction and Building Materials*, **2022**, 314, 125571	6.7	0
142	Evaluation of physicochemical properties and environmental impact of environmentally amicable Portland cement/metakaolin bricks exposed to humid or CO2 curing condition. *Journal of Building Engineering*, **2022**, 47, 103831	5.2	1
141	A combined experimental and micromechanical approach to investigating PTC and NTC effects in CNT-polypropylene composites under a self-heating condition. *Composite Structures*, **2022**, 289, 115440	5.3	0
140	Local Al network and material characterization of belite-calcium sulfoaluminate (CSA) cements. *Materials and Structures/Materiaux Et Constructions*, **2022**, 55, 1	3.4	1
139	Modifications in hydration kinetics and characteristics of calcium aluminate cement upon blending with calcium sulfoaluminate cement. *Construction and Building Materials*, **2022**, 342, 127958	6.7	0
138	Exploration of effects of CO2 exposure on the NOx-removal performance of TiO2-incorporated Portland cement evaluated via microstructural and morphological investigation. *Journal of Building Engineering*, **2021**, 103609	5.2	1
137	Effect of the molar ratio of calcium sulfate over ye'elimite on the reaction of CSA cement/slag blends under an accelerated carbonation condition. *Journal of Building Engineering*, **2021**, 103785	5.2	
136	The Effects of NaOH Concentration on the Hydrothermal Synthesis of a Hydroxyapatite/Zeolite Composite Using Blast Furnace Slag. *Minerals (Basel, Switzerland)*, **2021**, 11, 21	2.4	3
135	Characterization of bio-adsorptive removal performance of strontium through ureolysis-mediated bio-mineralization. *Chemosphere*, **2021**, 288, 132586	8.4	1
134	Recent advances in microbial viability and self-healing performance in bacterial-based cementitious materials: A review. *Construction and Building Materials*, **2021**, 274, 122094	6.7	10
133	Experimental and theoretical studies of hydration of ultra-high performance concrete cured under various curing conditions. *Construction and Building Materials*, **2021**, 278, 122352	6.7	3
132	Carbonation of calcium sulfoaluminate cement blended with blast furnace slag. *Cement and Concrete Composites*, **2021**, 118, 103918	8.6	15
131	Reaction of hydrated cement paste with supercritical carbon dioxide. *Construction and Building Materials*, **2021**, 281, 122615	6.7	4
130	Microstructural evolution and carbonation behavior of lime-slag binary binders. *Cement and Concrete Composites*, **2021**, 119, 104000	8.6	5

129	MgO-induced phase variation in alkali-activated binders synthesized under hydrothermal conditions. *Materials and Structures/Materiaux Et Constructions*, **2021**, 54, 1	3.4	0
128	Influence of Polyethylene Terephthalate Powder on Hydration of Portland Cement. *Polymers*, **2021**, 13,	4.5	3
127	Hydration of calcium sulfoaluminate cement blended with blast-furnace slag. *Construction and Building Materials*, **2021**, 268, 121214	6.7	15
126	Influence of carbon fiber additions on the electromagnetic wave shielding characteristics of CNT-cement composites. *Construction and Building Materials*, **2021**, 269, 121238	6.7	18
125	Effects of silica aerogel inclusion on the stability of heat generation and heat-dependent electrical characteristics of cementitious composites with CNT. *Cement and Concrete Composites*, **2021**, 115, 103861	8.6	12
124	Facile Synthesis of Sprayed CNTs Layer-Embedded Stretchable Sensors with Controllable Sensitivity. *Polymers*, **2021**, 13,	4.5	8
123	Hydration characteristics of calcium sulfoaluminate (CSA) cement/portland cement blended pastes. *Journal of Building Engineering*, **2021**, 34, 101880	5.2	6
122	A novel physicomechanical approach to dispersion of carbon nanotubes in polypropylene composites. *Composite Structures*, **2021**, 258, 113377	5.3	8
121	Influence of Portland cement and alkali-activated slag binder on the thermoelectric properties of the p-type composites with MWCNT. *Construction and Building Materials*, **2021**, 292, 123393	6.7	3
120	Improved electric heating characteristics of CNT-embedded polymeric composites with an addition of silica aerogel. *Composites Science and Technology*, **2021**, 212, 108866	8.6	12
119	Characterization of reactive MgO-modified calcium sulfoaluminate cements upon carbonation. *Cement and Concrete Research*, **2021**, 146, 106484	10.3	4
118	Review on recent advances in securing the long-term durability of calcium aluminate cement (CAC)-based systems. *Functional Composites and Structures*, **2021**, 3, 035002	3.5	4
117	Influence of water ingress on the electrical properties and electromechanical sensing capabilities of CNT/cement composites. *Journal of Building Engineering*, **2021**, 42, 103065	5.2	7
116	Internal carbonation of belite-rich Portland cement: An in-depth observation at the interaction of the belite phase with sodium bicarbonate. *Journal of Building Engineering*, **2021**, 44, 102907	5.2	1
115	Hydration properties of alkali-activated fly ash/slag binders modified by MgO with different reactivity. *Journal of Building Engineering*, **2021**, 44, 103252	5.2	5
114	Parametric modeling of autogenous shrinkage of sodium silicate-activated slag. *Construction and Building Materials*, **2020**, 262, 120747	6.7	3
113	Defect identification in composite materials via thermography and deep learning techniques. *Composite Structures*, **2020**, 246, 112405	5.3	35
112	Effect of carbonyl iron powder incorporation on the piezoresistive sensing characteristics of CNT-based polymeric sensor. *Composite Structures*, **2020**, 244, 112260	5.3	19

111	On the quantification of degrees of reaction and hydration of sodium silicate-activated slag cements. *Materials and Structures/Materiaux Et Constructions*, **2020**, 53, 1	3.4	4
110	Hydration kinetics modeling of sodium silicate-activated slag: A comparative study. *Construction and Building Materials*, **2020**, 242, 118144	6.7	10
109	Effect of CaO incorporation on the microstructure and autogenous shrinkage of ternary blend Portland cement-slag-silica fume. *Construction and Building Materials*, **2020**, 249, 118691	6.7	12
108	Impact of Bio-Carrier Immobilized with Marine Bacteria on Self-Healing Performance of Cement-Based Materials. *Materials*, **2020**, 13,	3.5	3
107	Characterization of blast furnace slag-blended Portland cement for immobilization of Co. *Cement and Concrete Research*, **2020**, 134, 106089	10.3	16
106	Hydration kinetics and products of MgO-activated blast furnace slag. *Construction and Building Materials*, **2020**, 249, 118700	6.7	24
105	Role of Al in the crystal growth of alkali-activated fly ash and slag under a hydrothermal condition. *Construction and Building Materials*, **2020**, 239, 117842	6.7	10
104	Structural evolution of binder gel in alkali-activated cements exposed to electrically accelerated leaching conditions. *Journal of Hazardous Materials*, **2020**, 387, 121825	12.8	4
103	Thermal behavior of alkali-activated fly ash/slag with the addition of an aerogel as an aggregate replacement. *Cement and Concrete Composites*, **2020**, 106, 103462	8.6	17
102	Effects of biological admixtures on hydration and mechanical properties of Portland cement paste. *Construction and Building Materials*, **2020**, 235, 117461	6.7	9
101	Simulating the carbonation of calcium sulfoaluminate cement blended with supplementary cementitious materials. *Journal of CO2 Utilization*, **2020**, 41, 101286	7.6	7
100	Formation of shlykovite and ASR-P1 in concrete under accelerated alkali-silica reaction at 60 and 80□C. *Cement and Concrete Research*, **2020**, 137, 106213	10.3	14
99	CO Uptake and Physicochemical Properties of Carbonation-Cured Ternary Blend Portland Cement-Metakaolin-Limestone Pastes. *Materials*, **2020**, 13,	3.5	5
98	Automated generation of carbon nanotube morphology in cement composite via data-driven approaches. *Composites Part B: Engineering*, **2019**, 167, 51-62	10	12
97	Effect of CaSO Incorporation on Pore Structure and Drying Shrinkage of Alkali-Activated Binders. *Materials*, **2019**, 12,	3.5	6
96	Calcined Oyster Shell Powder as an Expansive Additive in Cement Mortar. *Materials*, **2019**, 12,	3.5	17
95	Carbon nanotube (CNT) incorporated cementitious composites for functional construction materials: The state of the art. *Composite Structures*, **2019**, 227, 111244	5.3	61
94	Effect of CaSO4 on hydration and phase conversion of calcium aluminate cement. *Construction and Building Materials*, **2019**, 224, 40-47	6.7	16

93	The Effects of Temperature on the Hydrothermal Synthesis of Hydroxyapatite-Zeolite Using Blast Furnace Slag. *Materials*, **2019**, 12,	3.5	6
92	Multi-level homogenization for the prediction of the mechanical properties of ultra-high-performance concrete. *Construction and Building Materials*, **2019**, 229, 116797	6.7	13
91	Utilization of Calcium Carbide Residue Using Granulated Blast Furnace Slag. *Materials*, **2019**, 12,	3.5	5
90	Enhancement of the modulus of compression of calcium silicate hydrates via covalent synthesis of CNT and silica fume. *Construction and Building Materials*, **2019**, 198, 218-225	6.7	11
89	Evolution of zeolite crystals in geopolymer-supported zeolites: effects of composition of starting materials. *Materials Letters*, **2019**, 239, 33-36	3.3	20
88	A computational framework for quantifying reactivity of fly ash in cement pastes from backscattered electron images. *Construction and Building Materials*, **2019**, 200, 630-636	6.7	6
87	Silica aerogel derived from rice husk: an aggregate replacer for lightweight and thermally insulating cement-based composites. *Construction and Building Materials*, **2019**, 195, 312-322	6.7	31
86	Evolution of the binder gel in carbonation-cured Portland cement in an acidic medium. *Cement and Concrete Research*, **2018**, 109, 81-89	10.3	29
85	Bond characteristics of SFRP composites containing FRP core/anchors coated on geopolymer mortar. *Composite Structures*, **2018**, 189, 435-442	5.3	5
84	Thermal evolution of hydrates in carbonation-cured Portland cement. *Materials and Structures/Materiaux Et Constructions*, **2018**, 51, 1	3.4	15
83	Pull-off bond behavior of anchored random-chopped FRP composites bonded to concrete. *Composite Structures*, **2018**, 185, 193-202	5.3	6
82	Unlocking the role of MgO in the carbonation of alkali-activated slag cement. *Inorganic Chemistry Frontiers*, **2018**, 5, 1661-1670	6.8	42
81	Synthesis of geopolymer-supported zeolites via robust one-step method and their adsorption potential. *Journal of Hazardous Materials*, **2018**, 353, 522-533	12.8	54
80	Binder chemistry of sodium carbonate-activated CFBC fly ash. *Materials and Structures/Materiaux Et Constructions*, **2018**, 51, 1	3.4	18
79	Synergistic effects of carbon nanotubes and carbon fibers on heat generation and electrical characteristics of cementitious composites. *Carbon*, **2018**, 134, 283-292	10.4	31
78	Effect of nano-silica on hydration and conversion of calcium aluminate cement. *Construction and Building Materials*, **2018**, 169, 819-825	6.7	32
77	Utilization of circulating fluidized bed combustion ash in producing controlled low-strength materials with cement or sodium carbonate as activator. *Construction and Building Materials*, **2018**, 159, 642-651	6.7	30
76	Piezoresistive characteristics of CNT fiber-incorporated GFRP composites prepared with diversified fabrication schemes. *Composite Structures*, **2018**, 203, 835-843	5.3	11

75	Ureolytic/Non-Ureolytic Bacteria Co-Cultured Self-Healing Agent for Cementitious Materials Crack Repair. *Materials*, **2018**, 11,	3.5	24
74	Fabrication and design of electromagnetic wave absorber composed of carbon nanotube-incorporated cement composites. *Composite Structures*, **2018**, 206, 439-447	5.3	25
73	Carbonation-induced weathering effect on cesium retention of cement paste. *Journal of Nuclear Materials*, **2018**, 505, 159-164	3.3	19
72	Autogenous shrinkage and electrical characteristics of cement pastes and mortars with carbon nanotube and carbon fiber. *Construction and Building Materials*, **2018**, 177, 428-435	6.7	30
71	Effect of superplasticizer type and siliceous materials on the dispersion of carbon nanotube in cementitious composites. *Composite Structures*, **2018**, 185, 264-272	5.3	34
70	CO□Uptake of Carbonation-Cured Cement Blended with Ground Volcanic Ash. *Materials*, **2018**, 11,	3.5	12
69	Pressure-Induced Geopolymerization in Alkali-Activated Fly Ash. *Sustainability*, **2018**, 10, 3538	3.6	10
68	Effect of MgO on chloride penetration resistance of alkali-activated binder. *Construction and Building Materials*, **2018**, 178, 584-592	6.7	19
67	Adsorption characteristics of cesium onto mesoporous geopolymers containing nano-crystalline zeolites. *Microporous and Mesoporous Materials*, **2017**, 242, 238-244	5.3	58
66	Flexural stress and crack sensing capabilities of MWNT/cement composites. *Composite Structures*, **2017**, 175, 86-100	5.3	49
65	Alkali activated slag pastes with surface-modified blast furnace slag. *Cement and Concrete Composites*, **2017**, 76, 39-47	8.6	21
64	Influences of CNT dispersion and pore characteristics on the electrical performance of cementitious composites. *Composite Structures*, **2017**, 164, 32-42	5.3	69
63	Circulating fluidized bed combustion ash as controlled low-strength material (CLSM) by alkaline activation. *Construction and Building Materials*, **2017**, 156, 728-738	6.7	23
62	Stable conversion of metastable hydrates in calcium aluminate cement by early carbonation curing. *Journal of CO2 Utilization*, **2017**, 21, 224-226	7.6	28
61	Electrical characteristics of hierarchical conductive pathways in cementitious composites incorporating CNT and carbon fiber. *Cement and Concrete Composites*, **2017**, 82, 165-175	8.6	44
60	Mechanical properties and piezoresistive sensing capabilities of FRP composites incorporating CNT fibers. *Composite Structures*, **2017**, 178, 1-8	5.3	23
59	Stability of MgO-modified geopolymeric gel structure exposed to a CO2-rich environment. *Construction and Building Materials*, **2017**, 151, 178-185	6.7	11
58	Structural strengthening and damage behaviors of hybrid sprayed fiber-reinforced polymer composites containing carbon fiber cores. *International Journal of Damage Mechanics*, **2017**, 26, 358-376	3	13

57	Cesium and Strontium Retentions Governed by Aluminosilicate Gel in Alkali-Activated Cements. *Materials*, **2017**, 10,	3.5	16
56	Flow Property of Alkali-Activated Slag with Modified Precursor. *ACI Materials Journal*, **2017**, 114,	0.9	3
55	Physicochemical properties of binder gel in alkali-activated fly ash/slag exposed to high temperatures. *Cement and Concrete Research*, **2016**, 89, 72-79	10.3	98
54	Influence of the slag content on the chloride and sulfuric acid resistances of alkali-activated fly ash/slag paste. *Cement and Concrete Composites*, **2016**, 72, 168-179	8.6	99
53	Internal-curing efficiency of cold-bonded coal bottom ash aggregate for high-strength mortar. *Construction and Building Materials*, **2016**, 126, 1-8	6.7	28
52	The electrically conductive carbon nanotube (CNT)/cement composites for accelerated curing and thermal cracking reduction. *Composite Structures*, **2016**, 158, 20-29	5.3	38
51	Mechanical properties of lightweight concrete made with coal ashes after exposure to elevated temperatures. *Cement and Concrete Composites*, **2016**, 72, 27-38	8.6	49
50	Microstructural densification and CO2 uptake promoted by the carbonation curing of belite-rich Portland cement. *Cement and Concrete Research*, **2016**, 82, 50-57	10.3	110
49	Effect of fly ash characteristics on delayed high-strength development of geopolymers. *Construction and Building Materials*, **2016**, 102, 260-269	6.7	59
48	Heating and heat-dependent mechanical characteristics of CNT-embedded cementitious composites. *Composite Structures*, **2016**, 136, 162-170	5.3	80
47	Percolation threshold and piezoresistive response of multi-wall carbon nanotube/cement composites. *Smart Structures and Systems*, **2016**, 18, 217-231		33
46	Strength Development of Alkali-Activated Fly Ash Exposed to a Carbon Dioxide-Rich Environment at an Early Age. *Journal of the Korean Ceramic Society*, **2016**, 53, 18-23	2.2	6
45	An NMR Spectroscopic Investigation of Aluminosilicate Gel in Alkali-Activated Fly Ash in a CO2-Rich Environment. *Materials*, **2016**, 9,	3.5	30
44	Physical barrier effect of geopolymeric waste form on diffusivity of cesium and strontium. *Journal of Hazardous Materials*, **2016**, 318, 339-346	12.8	39
43	Mechanical properties and setting characteristics of geopolymer mortar using styrene-butadiene (SB) latex. *Construction and Building Materials*, **2016**, 113, 264-272	6.7	52
42	Synergistic effect of MWNT/fly ash incorporation on the EMI shielding/absorbing characteristics of cementitious materials. *Construction and Building Materials*, **2016**, 115, 651-661	6.7	30
41	Synthesis of mesoporous geopolymers containing zeolite phases by a hydrothermal treatment. *Microporous and Mesoporous Materials*, **2016**, 229, 22-30	5.3	61
40	Review on recent advances in CO2 utilization and sequestration technologies in cement-based materials. *Construction and Building Materials*, **2016**, 127, 762-773	6.7	105

39	The influence of sodium hydrogen carbonate on the hydration of cement. *Construction and Building Materials*, **2015**, 94, 746-749	6.7	24
38	Interfacial crack-induced debonding behavior of sprayed FRP laminate bonded to RC beams. *Composite Structures*, **2015**, 128, 176-187	5.3	13
37	Reactivity and reaction products of alkali-activated, fly ash/slag paste. *Construction and Building Materials*, **2015**, 81, 303-312	6.7	126
36	Heavy Metal Leaching, CO2 Uptake and Mechanical Characteristics of Carbonated Porous Concrete with Alkali-Activated Slag and Bottom Ash. *International Journal of Concrete Structures and Materials*, **2015**, 9, 283-294	2.8	26
35	Interfacial bond behavior of FRP fabrics bonded to fiber-reinforced geopolymer mortar. *Composite Structures*, **2015**, 134, 353-368	5.3	22
34	Advanced Spray Multiple Layup Process for Quality Control of Sprayed FRP Composites Used to Retrofit Concrete Structures. *Journal of Construction Engineering and Management - ASCE*, **2015**, 141, 04014060	4.2	8
33	An experimental study on sag-resistance ability and applicability of sprayed FRP system on vertical and overhead concrete surfaces. *Materials and Structures/Materiaux Et Constructions*, **2015**, 48, 21-33	3.4	13
32	Image Analysis and DC Conductivity Measurement for the Evaluation of Carbon Nanotube Distribution in Cement Matrix. *International Journal of Concrete Structures and Materials*, **2015**, 9, 427-438	2.8	21
31	Coal bottom ash in field of civil engineering: A review of advanced applications and environmental considerations. *KSCE Journal of Civil Engineering*, **2015**, 19, 1802-1818	1.9	60
30	Thermo-mechanical analysis of road structures used in the on-line electric vehicle system. *Structural Engineering and Mechanics*, **2015**, 53, 519-536		3
29	Mechanical characteristics and strengthening effectiveness of random-chopped FRP composites containing air voids. *Composites Part B: Engineering*, **2014**, 62, 159-166	10	22
28	Strain rate and adhesive energy dependent viscoplastic damage modeling for nanoparticulate composites: Molecular dynamics and micromechanical simulations. *Applied Physics Letters*, **2014**, 104, 101901	3.4	10
27	Shrinkage characteristics of alkali-activated fly ash/slag paste and mortar at early ages. *Cement and Concrete Composites*, **2014**, 53, 239-248	8.6	207
26	Improved piezoresistive sensitivity and stability of CNT/cement mortar composites with low water-binder ratio. *Composite Structures*, **2014**, 116, 713-719	5.3	136
25	Fresh and hardened properties of alkali-activated fly ash/slag pastes with superplasticizers. *Construction and Building Materials*, **2014**, 50, 169-176	6.7	177
24	Enhanced effect of carbon nanotube on mechanical and electrical properties of cement composites by incorporation of silica fume. *Composite Structures*, **2014**, 107, 60-69	5.3	219
23	Alkali-activated, cementless, controlled low-strength materials (CLSM) utilizing industrial by-products. *Construction and Building Materials*, **2013**, 49, 738-746	6.7	56
22	Setting and mechanical properties of alkali-activated fly ash/slag concrete manufactured at room temperature. *Construction and Building Materials*, **2013**, 47, 1201-1209	6.7	329

21	Microbially mediated calcium carbonate precipitation on normal and lightweight concrete. *Construction and Building Materials*, **2013**, 38, 1073-1082	6.7	93
20	Bond characteristics of sprayed FRP composites bonded to concrete substrate considering various concrete surface conditions. *Composite Structures*, **2013**, 100, 270-279	5.3	20
19	A combined molecular dynamics/micromechanics/finite element approach for multiscale constitutive modeling of nanocomposites with interface effects. *Applied Physics Letters*, **2013**, 103, 241903	3.4	18
18	Flow, water absorption, and mechanical characteristics of normal- and high-strength mortar incorporating fine bottom ash aggregates. *Construction and Building Materials*, **2012**, 26, 249-256	6.7	57
17	Influence of silica fume additions on electromagnetic interference shielding effectiveness of multi-walled carbon nanotube/cement composites. *Construction and Building Materials*, **2012**, 30, 480-487	6.7	87
16	Predictions of viscoelastic strain rate dependent behavior of fiber-reinforced polymeric composites. *Composite Structures*, **2012**, 94, 1420-1429	5.3	31
15	Electromagnetic interference shielding/absorbing characteristics of CNT-embedded epoxy composites. *Composites Part A: Applied Science and Manufacturing*, **2011**, 42, 1110-1118	8.4	106
14	Behavior and performance of RC T-section deep beams externally strengthened in shear with CFRP sheets. *Composite Structures*, **2011**, 93, 911-922	5.3	50
13	Intrinsic electromagnetic radiation shielding/absorbing characteristics of polyaniline-coated transparent thin films. *Synthetic Metals*, **2010**, 160, 1838-1842	3.6	69
12	Shear Behavior and Performance of Deep Beams Reinforced with a Honeycomb Steel Mesh. *Advances in Structural Engineering*, **2010**, 13, 989-999	1.9	3
11	3D-Damage Model for Fiber-Reinforced Brittle Composites with Microcracks and Imperfect Interfaces. *Journal of Engineering Mechanics - ASCE*, **2009**, 135, 1108-1118	2.4	15
10	Effectiveness of Retrofitting Damaged Concrete Beams with Sprayed Fiber-reinforced Polymer Coating. *Journal of Reinforced Plastics and Composites*, **2008**, 27, 1269-1286	2.9	17
9	Numerical evaluation of shear strengthening performance of CFRP sheets/strips and sprayed epoxy coating repair systems. *Composites Part B: Engineering*, **2008**, 39, 851-862	10	20
8	Numerical characterization of compressive response and damage evolution in laminated plates containing a cutout. *Composites Science and Technology*, **2007**, 67, 2221-2230	8.6	22
7	Micromechanics-based constitutive modeling for unidirectional laminated composites. *International Journal of Solids and Structures*, **2006**, 43, 5674-5689	3.1	29
6	Autogenous shrinkage of concrete containing granulated blast-furnace slag. *Cement and Concrete Research*, **2006**, 36, 1279-1285	10.3	159
5	Numerical study on retrofit and strengthening performance of sprayed fiber reinforced polymer. *Engineering Structures*, **2005**, 27, 1476-1487	4.7	10
4	Effectiveness of Anchorage in Concrete Beams Retrofitted with Sprayed Fiber-reinforced Polymers. *Journal of Reinforced Plastics and Composites*, **2004**, 23, 1285-1300	2.9	14

3	Structural repair and strengthening of damaged RC beams with sprayed FRP. *Composite Structures*, **2004**, 63, 201-209	5.3	36
2	A damage constitutive model of progressive debonding in aligned discontinuous fiber composites. *International Journal of Solids and Structures*, **2001**, 38, 875-895	3.1	56
1	Modeling of progressive damage in aligned and randomly oriented discontinuous fiber polymer matrix composites. *Composites Part B: Engineering*, **2000**, 31, 77-86	10	44