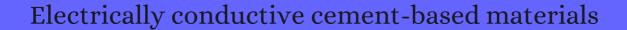
CITATION REPORT List of articles citing



DOI: 10.1680/adcr.2004.16.4.167 Advances in Cement Research, 2004, 16, 167-176.

Source: https://exaly.com/paper-pdf/37751418/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
121	Rheology of low carbon fibre content reinforced cement mortar. <i>Cement and Concrete Composites</i> , 2006 , 28, 773-780	8.6	52
120	Partial replacement of carbon fiber by carbon black in multifunctional cementhatrix composites. 2007 , 45, 505-513		128
119	Activation energy and conduction in carbon fibre reinforced cement matrices. 2007 , 42, 2200-2203		26
118	Unprecedented vibration damping with high values of loss modulus and loss tangent, exhibited by cementhatrix graphite network composite. 2010 , 48, 1457-1464		42
117	Electromagnetic Shielding Effectiveness of Carbon Black -Carbon Fiber Cement Based Materials. 2010 , 168-170, 1438-1442		5
116	Electrical-resistance-based Sensing of Impact Damage in Carbon Fiber Reinforced Cement-based Materials. 2010 , 21, 83-105		57
115	Electrical Properties. 2010 , 203-275		
114	Percolation backbone structure analysis in electrically conductive carbon fiber reinforced cement composites. 2012 , 43, 3270-3275		30
113	Microwave Absorption Characteristics of a Carbon-Containing Electrically Conductive Concrete in a Multimode Cavity. 2012 , 10, 31-40		O
112	Carbon materials for structural self-sensing, electromagnetic shielding and thermal interfacing. 2012 , 50, 3342-3353		436
111	Effect of MnO2 additive on the dielectric and electromagnetic interference shielding properties of sintered cement-based ceramics. 2012 , 38, 671-678		29
110	Comparison of low cost shielding-absorbing cement paste building materials in X-band frequency range using a variety of wastes. 2012 , 38, 3683-3692		16
109	Self-deicing road system with a CNFP high-efficiency thermal source and MWCNT/cement-based high-thermal conductive composites. 2013 , 86, 22-35		51
108	Special Issue on Materials Innovations for Sustainable Infrastructure. 2013 , 25, 825-828		6
107	Temperature Dependencies of the Permittivities and Microwave Shielding Effectiveness of a Carbon-containing Electrically Conductive Concrete. 2013 , 32, 427-435		O
106	Resistivity, ESR, and Radiation Shielding Properties of the Volcanic Rock Materials. 2014 , 2014, 1-6		3
105	The Electromagnetic Shielding Effectiveness of a Low-Cost and Transparent Stainless Steel Fiber/Silicone Resin Composite. 2014 , 56, 328-334		17

104	Improved piezoresistive sensitivity and stability of CNT/cement mortar composites with low waterBinder ratio. 2014 , 116, 713-719		136	
103	Light-weight cementitious conductive anode for impressed current cathodic protection of steel reinforced concrete application. <i>Construction and Building Materials</i> , 2014 , 71, 167-180	6.7	31	
102	Shape Effect of Electrochemical Chloride Extraction in Structural Reinforced Concrete Elements Using a New Cement-Based Anodic System. 2015 , 8, 2901-2917		8	
101	Effect of mixing uniformity of sanddement mixture on dielectric properties. <i>Advances in Cement Research</i> , 2015 , 27, 118-122	1.8	O	
100	Efficiency of a conductive cement-based anodic system for the application of cathodic protection, cathodic prevention and electrochemical chloride extraction to control corrosion in reinforced concrete structures. 2015 , 96, 102-111		64	
99	Influence of graphene oxide additions on the microstructure and mechanical strength of cement. 2015 , 30, 349-356		138	
98	Comparative electromechanical damage-sensing behaviors of six strain-hardening steel fiber-reinforced cementitious composites under direct tension. 2015 , 69, 159-168		42	
97	GraphiteDement Paste: A New Coating of Reinforced Concrete Structural Elements for the Application of Electrochemical Anti-Corrosion Treatments. 2016 , 6, 32		14	
96	The self-heating carbon nanofiber polymer composite and its applications in deicing and snow thawing of pavement. 2016 , 247-277		1	
95	Nanotubellement Composites. 2016 , 579-602		1	
94	Carbon nanotube reinforced cementitious composites: An overview. 2016 , 91, 301-323		141	
93	Electrochemical immittance spectroscopy applied to a hybrid PVA/steel fiber engineered cementitious composite. 2016 , 105, 179-189		27	
92	Electrical conductivity and mechanical performance of multiwalled CNT-filled polyvinyl chloride composites subjected to tensile load. 2016 , 133,		8	
91	Concrete with triphasic conductive materials for self-monitoring of cracking development subjected to flexure. 2016 , 138, 184-191		24	
90	Electrical Resistivity Imaging of Laboratory Soilcrete Column Geometry. 2016 , 142, 04015088		5	
89	Outdoor experiment of flexible sandwiched graphite-PET sheets based self-snow-thawing pavement. 2016 , 122, 10-17		17	
88	Feasibility Study of Using Electrically Conductive Concrete for Electromagnetic Shielding Applications as a Substitute for Carbon-Laced Polyurethane Absorbers in Anechoic Chambers. 2017 , 65, 2428-2435		24	
87	Investigation of carbon fillers modified electrically conductive concrete as grounding electrodes for transmission towers: Computational model and case study. <i>Construction and Building Materials</i> , 2017, 145, 347-353	6.7	11	

86	Influence of the addition of waste graphite powder on the physical and microstructural performance of hydraulic lime pastes. <i>Construction and Building Materials</i> , 2017 , 149, 599-611	6.7	9
85	Investigation on electrically conductive aggregates produced by incorporating carbon fiber and carbon black. <i>Construction and Building Materials</i> , 2017 , 144, 106-114	6.7	29
84	Assessment of thermal performance of gypsum-based composites with revalorized graphite filler. <i>Construction and Building Materials</i> , 2017 , 142, 83-91	6.7	11
83	Assessment of Jet Grout Column Diameter during Construction Using Electrical Resistivity Imaging. 2017 ,		1
82	Influence of mix design variables on engineering properties of carbon fiber-modified electrically conductive concrete. <i>Construction and Building Materials</i> , 2017 , 152, 168-181	6.7	54
81	Decreasing the electric permittivity of cement by graphite particle incorporation. 2017 , 122, 702-709		15
80	A review on the chemical, mechanical and microstructural characterization of carbon nanotubes-cement based composites. <i>Construction and Building Materials</i> , 2017 , 154, 697-710	6.7	98
79	Effects of Cement Paste Enhanced with Iron-Based Magnetic Particles on an Embedded Small Resonator Antenna. 2017 , 7, 15185		5
78	Influence of different ways of chloride contamination on the efficiency of cathodic protection applied on structural reinforced concrete elements. 2017 , 793, 8-17		10
77	References. 2017 , 563-653		
77 76	References. 2017, 563-653 Development of Carbon Fiber-modified Electrically Conductive Concrete for Implementation in Des Moines International Airport. 2018, 8, 277-291		38
	Development of Carbon Fiber-modified Electrically Conductive Concrete for Implementation in Des	8.6	38 43
76	Development of Carbon Fiber-modified Electrically Conductive Concrete for Implementation in Des Moines International Airport. 2018 , 8, 277-291 Electrical resistivity measurements in steel fibre reinforced cementitious materials. <i>Cement and</i>	8.6	
76 75	Development of Carbon Fiber-modified Electrically Conductive Concrete for Implementation in Des Moines International Airport. 2018 , 8, 277-291 Electrical resistivity measurements in steel fibre reinforced cementitious materials. <i>Cement and Concrete Composites</i> , 2018 , 89, 216-229 Extraction of chloride from chloride contaminated concrete through electrochemical method using		43
76 75 74	Development of Carbon Fiber-modified Electrically Conductive Concrete for Implementation in Des Moines International Airport. 2018, 8, 277-291 Electrical resistivity measurements in steel fibre reinforced cementitious materials. <i>Cement and Concrete Composites</i> , 2018, 89, 216-229 Extraction of chloride from chloride contaminated concrete through electrochemical method using different anodes. <i>Construction and Building Materials</i> , 2018, 158, 549-562		43
76 75 74 73	Development of Carbon Fiber-modified Electrically Conductive Concrete for Implementation in Des Moines International Airport. 2018, 8, 277-291 Electrical resistivity measurements in steel fibre reinforced cementitious materials. <i>Cement and Concrete Composites</i> , 2018, 89, 216-229 Extraction of chloride from chloride contaminated concrete through electrochemical method using different anodes. <i>Construction and Building Materials</i> , 2018, 158, 549-562 Multifunctional electrically conductive concrete using different fillers. 2018, 15, 61-69		43 28 43
76 75 74 73 72	Development of Carbon Fiber-modified Electrically Conductive Concrete for Implementation in Des Moines International Airport. 2018, 8, 277-291 Electrical resistivity measurements in steel fibre reinforced cementitious materials. <i>Cement and Concrete Composites</i> , 2018, 89, 216-229 Extraction of chloride from chloride contaminated concrete through electrochemical method using different anodes. <i>Construction and Building Materials</i> , 2018, 158, 549-562 Multifunctional electrically conductive concrete using different fillers. 2018, 15, 61-69 Design and characterization of self-sensing steel fiber reinforced concrete. 2018, 199, 11008 Comparative Structural and Non-structural Properties of Ultra High-performance		43 28 43 3

68	Carbon fiber-based electrically conductive concrete for salt-free deicing of pavements. 2018, 203, 799-	809	62
67	Mechanical, electrical and self-sensing properties of cementitious mortars containing short carbon fibers. 2018 , 20, 8-14		49
66	Weibull modulus from size effect of high-performance fiber-reinforced concrete under compression and flexure. <i>Construction and Building Materials</i> , 2019 , 226, 743-758	6.7	12
65	Enhanced Electrical Properties of Fly Ash Geopolymer Composites with Carbon Nanotubes. 2019 , 296, 137-142		3
64	Improved Electromagnetic Interference Shielding Properties Through the Use of Segregate Carbon Nanotube Networks. 2019 , 12,		9
63	Enhancing Damage-Sensing Capacity of Strain-Hardening Macro-Steel Fiber-Reinforced Concrete by Adding Low Amount of Discrete Carbons. 2019 , 12,		8
62	Fluctuation of electrical properties of carbon-based nanomaterials/cement composites: Case studies and parametric modeling. <i>Cement and Concrete Composites</i> , 2019 , 102, 55-70	8.6	12
61	Application of Smart Structural System for Smart Sustainable Cities. 2019,		8
60	Concrete with nanomaterials and fibers for self-monitoring of strain and cracking subjected to flexure. 2019 , 261-279		
59	Constitutive model and reinforcing mechanisms of uniaxial compressive property for reactive powder concrete with super-fine stainless wire. 2019 , 166, 298-309		27
58	Research on electrical conductivity of graphene/cement composites. <i>Advances in Cement Research</i> , 2020 , 32, 45-52	1.8	18
57	Multicomponent polyurethaneBarbon black composite as piezoresistive sensor. 2020 , 77, 3017-3031		2
56	Direct tensile self-sensing and fracture energy of steel-fiber-reinforced concretes. 2020 , 183, 107714		22
55	Response of Organic Lime Mortars to Thermal and Electrical Shocks Due to Lightning Strikes. <i>Sustainability</i> , 2020 , 12, 7181	3.6	2
54	Influence of Carbon Fiber Incorporation on Electrical Conductivity of Cement Composites. 2020 , 10, 899	93	4
53	Review on electromagnetic wave absorbing capacity improvement of cementitious material. <i>Construction and Building Materials</i> , 2020 , 262, 120907	6.7	17
52	Cement-based EMI shielding materials. 2020 , 333-340		2
51	Effects of Steelmaking Slag and Moisture on Electrical Properties of Concrete. 2020, 13,		8

50	Effects of Water Content and Temperature on Bulk Resistivity of Hybrid Cement/Carbon Nanofiber Composites. 2020 , 13,		3
49	Study on the fire resistance performance of cementitious composites containing recycled glass cullets (RGCs). <i>Construction and Building Materials</i> , 2020 , 242, 117992	6.7	5
48	The synergistic effects of shape memory alloy, steel, and carbon fibres with polyvinyl alcohol fibres in hybrid strain-hardening cementitious composites. <i>Construction and Building Materials</i> , 2020 , 252, 11	9067	28
47	Piezoresistive sensing of cementitious composites reinforced with shape memory alloy, steel, and carbon fibres. <i>Construction and Building Materials</i> , 2021 , 267, 121046	6.7	8
46	State of the art in composition, fabrication, characterization, and modeling methods of cement-based thermoelectric materials for low-temperature applications. 2021 , 137, 110361		11
45	Piezoelectric behaviour of hybrid engineered cementitious composites containing shape-memory alloy, steel, and carbon fibres under compressive stress cycles. <i>Construction and Building Materials</i> , 2021 , 273, 121671	6.7	3
44	Properties and road engineering application of carbon fiber modified-electrically conductive concrete. 2021 , 22, 410-421		1
43	Mechanical and electrical properties of MWCNTs - high early strength cement - mortars composite: Dispersion of CNTs and effect of chemical admixtures. 2021 , 93, e20200924		1
42	Piezoresistive carbon-containing ceramic nanocomposites 🖪 review. 2021 , 5, 100057		8
41	Production of sustainable, low-permeable and self-sensing cementitious composites using biochar. 2021 , 28, e00279		3
40	Energy-harvesting concrete for smart and sustainable infrastructures. 2021 , 56, 16243-16277		1
39	Effects of Graphite on Electrically Conductive Cementitious Composite Properties: A Review. 2021 , 14,		O
38	Enhancing the electromagnetic interference shielding effectiveness of carbon-fiber reinforced cement paste by coating the carbon fiber with nickel. 2021 , 41, 102757		3
37	Electromagnetic absorption of copper fiber oriented composite using 3D printing. <i>Construction and Building Materials</i> , 2021 , 300, 124026	6.7	28
36	Effect of carbonation on bulk resistivity of cement/carbon nanofiber composites. <i>Construction and Building Materials</i> , 2021 , 305, 124794	6.7	5
35	Enhanced thermoelectric property of cement-based materials with the synthesized MnO2/carbon fiber composite. 2021 , 43, 103190		1
34	The effect of shape memory alloy, steel, and carbon fibres on fresh, mechanical, and electrical properties of self-compacting cementitious composites. <i>Cement and Concrete Composites</i> , 2020 , 112, 103659	8.6	22
33	Investigation of specimen size, geometry and temperature effects on resistivity of electrically conductive concretes. <i>Construction and Building Materials</i> , 2020 , 250, 118864	6.7	16

32	Electric energy dissipation and electric tortuosity in electron conductive cement-based materials. 2020 , 4,		3
31	Conductive Concrete for Electromagnetic Shielding Applications. 2014 , 3, 20130107		9
30	Investigation on Electrically Conductive Aggregates as Grounding Compound Produced by Marconite. 2019 , 29, 86-96		4
29	Gasification Char and Used Foundry Sand as Alternative Fillers to Graphene Nanoplatelets for Electrically Conductive Mortars with and without Virgin/Recycled Carbon Fibres. 2021 , 11, 50		9
28	Elucidation of Conduction Mechanism in Graphene Nanoplatelets (GNPs)/Cement Composite Using Dielectric Spectroscopy. 2020 , 13,		7
27	Funcifi de apantallamiento de interferencia electromagn f ica de pastas de cemento con materiales carbonosos y cenizas volantes procesadas. 2010 , 60, 21-32		18
26	Conductive concrete made from recycled carbon fibres for self-heating and de-icing applications in urban furniture. 2020 , 70, 223		3
25	Investigating the Effective Resistivity of Reinforced Concrete Waste Storage Tanks at the Hanford Site. 1-50		O
24	Prefabricated electrically conductive concrete (ECC) slabs with optimized electrode configuration and integrated sensor system. 2022 , 193, 103417		0
23	Performance of Graphite and Activated Carbon as Electrical Grounding Enhancement Material. 2021 , 1139-1154		
22	Influence of Mechanochemical Activation of Concrete Components on the Properties of Vibro-Centrifugated Heavy Concrete. 2021 , 11, 10647		10
21	Effect of Gasification Char and Recycled Carbon Fibres on the Electrical Impedance of Concrete Exposed to Accelerated Degradation. <i>Sustainability</i> , 2022 , 14, 1775	3.6	1
20	A review of electrically conductive concrete heated pavement system technology: From the laboratory to the full-scale implementation. <i>Construction and Building Materials</i> , 2022 , 329, 127139	6.7	3
19	Industrial concrete floors: Evaluation of electrostatic dissipative properties according to IEC 61340-4-1. <i>Construction and Building Materials</i> , 2022 , 329, 127162	6.7	
18	Advances in multifunctional cementitious composites with conductive carbon nanomaterials for smart infrastructure. <i>Cement and Concrete Composites</i> , 2022 , 128, 104454	8.6	5
17	Self-Sensing Properties of Engineered Geopolymer Composites. <i>Lecture Notes in Civil Engineering</i> , 2023 , 541-551	0.3	
16	ELECTRICAL RESISTANCE OF HYBRID STEEL FIBER REINFORCED SELF- COMPACTING CONCRETE. <i>M</i> bendislik Bilimleri Ve Tasaran Dergisi, 2022 , 10, 482-494	0.2	
15	Effect of crack width on electromagnetic interference shielding effectiveness of high-performance cementitious composites containing steel and carbon fibers. <i>Journal of Materials Research and Technology</i> , 2022 ,	5.5	1

14	Effect of chloride penetration on electrical resistivity of CNT©F/cement composites and its application as chloride sensor for reinforced mortar. <i>Cement and Concrete Composites</i> , 2022 , 133, 104662.	1
13	Enhanced Electromagnetic Absorption of Cement Composites by Controlling the Effective Cross-sectional Area of MXene Flakes with Diffuse Reflection Based on Carbon Fibers. 2022 , 348, 128711	1
12	Electrical impedance behaviour of carbon fibre reinforced cement-based sensors at different moisture contents. 2022 , 353, 129049	1
11	Self-heating capacity of electrically conductive cement composites: Effects of curing conditions. 2022 , 353, 129087	1
10	Enhanced Thermoelectric Efficiency of Cement-Based Materials with Cuprous Oxide for Sustainable Buildings. 2022 , 2022, 1-11	0
9	Thermal properties of conductive concrete using graphite powder and steel fibers. 2023, 8,	O
8	Evaluation of conductive concrete made with steel slag aggregates. 2022 , 360, 129515	O
7	Development of conductive graphite concrete. 2022,	O
7	Development of conductive graphite concrete. 2022, Electrical resistivity and compressive strength of cement mortar based on green magnetite nanoparticles and wastes from steel industry. 2022, 17, e01712	0
	Electrical resistivity and compressive strength of cement mortar based on green magnetite	
6	Electrical resistivity and compressive strength of cement mortar based on green magnetite nanoparticles and wastes from steel industry. 2022 , 17, e01712 Effect of Polyaniline/manganese Dioxide Composite on the Thermoelectric Effect of Cement-based	0
6 5	Electrical resistivity and compressive strength of cement mortar based on green magnetite nanoparticles and wastes from steel industry. 2022, 17, e01712 Effect of Polyaniline/manganese Dioxide Composite on the Thermoelectric Effect of Cement-based Materials. 2023, 38, 109-116 Self-heating characteristics of electrically conductive cement composites with carbon black and	0
6 5 4	Electrical resistivity and compressive strength of cement mortar based on green magnetite nanoparticles and wastes from steel industry. 2022, 17, e01712 Effect of Polyaniline/manganese Dioxide Composite on the Thermoelectric Effect of Cement-based Materials. 2023, 38, 109-116 Self-heating characteristics of electrically conductive cement composites with carbon black and carbon fiber. 2023, 137, 104942 Evaluating fracture characteristics of ultra-high-performance fiber-reinforced concrete in flexure	0 0 1