

CITATION REPORT

List of articles citing

Characterisation of different commercial reactive magnesia

DOI: 10.1680/adcr.13.00004

Advances in Cement Research, 2014, 26, 101-113.

Source: <https://exaly.com/paper-pdf/57863904/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
102	Resistance of MgO-GGBS and CS-GGBS stabilised marine soft clays to sodium sulfate attack. 2014 , 64, 673-679		46
101	Evaluation of novel reactive MgO activated slag binder for the immobilisation of lead and zinc. 2014 , 117, 285-94		72
100	Magnesium sulfate attack on clays stabilised by carbide slag- and magnesia-ground granulated blast furnace slag. 2015 , 5, 306-312		32
99	Incorporation of reactive magnesia and quicklime in sustainable binders for soil stabilisation. 2015 , 195, 53-62		28
98	Characterisation of reactive magnesia and sodium carbonate-activated fly ash/slag paste blends. 2015 , 93, 506-513		70
97	Strength and drying shrinkage of slag paste activated by sodium carbonate and reactive MgO. 2015 , 81, 58-65		53
96	Physical properties, electrical resistivity, and strength characteristics of carbonated silty soil admixed with reactive magnesia. 2015 , 52, 1699-1713		50
95	Effects of Different Reactive MgOs on the Hydration of MgO-Activated GGBS Paste. 2015 , 27,		44
94	Glass encapsulated minerals for self-healing in cement based composites. 2015 , 98, 780-791		106
93	Strength and hydration properties of reactive MgO-activated ground granulated blastfurnace slag paste. 2015 , 57, 8-16		153
92	Self-healing of drying shrinkage cracks in cement-based materials incorporating reactive MgO. 2016 , 25, 084004		50
91	Advances in ground modification with chemical additives: From theory to practice. 2016 , 9, 123-138		46
90	Nano-Sized MgO with Engineered Expansive Property for Oil Well Cement Systems. 2016 ,		9
89	Multiscale Study of Sodium Sulfate Soaking Durability of Low Plastic Clay Stabilized by Reactive Magnesia-Activated Ground Granulated Blast-Furnace Slag. 2016 , 28, 04016016		31
88	Magnesia reactivity on activating efficacy for ground granulated blastfurnace slag for soft clay stabilisation. 2016 , 126, 57-62		45
87	Magnesia-Based Cements: A Journey of 150 Years, and Cements for the Future?. 2016 , 116, 4170-204		326
86	Mechanism of reactive magnesia ground granulated blastfurnace slag (GGBS) soil stabilization. 2016 , 53, 773-782		46

85	Three-year performance of in-situ solidified/stabilised soil using novel MgO-bearing binders. 2016 , 144, 681-8	67
84	Property changes of reactive magnesia-stabilized soil subjected to forced carbonation. 2016 , 53, 314-325	33
83	Durability of reactive magnesia-activated slag-stabilized low plasticity clay subjected to drying-wetting cycle. 2016 , 20, 215-230	55
82	Synthesis of reactive MgO from reject brine via the addition of NH ₄ OH. 2017 , 169, 165-172	36
81	Compaction and mechanical characteristics and stabilization mechanism of carbonated reactive MgO-stabilized silt. 2017 , 21, 2641-2654	14
80	Models of Aged Magnesium Silicate Hydrate Cements Based on the Lizardite and Talc Crystals: A Periodic DFT-GIPAW Investigation. 2017 , 121, 7319-7330	12
79	Recycling and reuse of reactive MgO cements – A feasibility study. 2017 , 157, 172-181	25
78	Use of magnesia sand for optimal design of high performance magnesium potassium phosphate cement mortar. 2017 , 153, 385-392	23
77	Influence of nucleation seeding on the performance of carbonated MgO formulations. 2017 , 83, 1-9	26
76	Engineering Properties of Carbonated Reactive Magnesia-stabilized Silt Under Different Activity Index. 2017 , 189, 158-165	10
75	Influences of Activity Index on Mechanical and Microstructural Characteristics of Carbonated Reactive Magnesia-Admixed Silty Soil. 2017 , 29, 04016285	10
74	Performance and Microstructure of Calcined Dolomite and Reactive Magnesia-Based Concrete Samples. 2017 , 29, 04017236	26
73	Leaching and microstructural properties of lead contaminated kaolin stabilized by GGBS-MgO in semi-dynamic leaching tests. 2018 , 172, 626-634	57
72	Characterization of novel blast-furnace slag cement pastes and mortars activated with a reactive mixture of MgO-NaOH. 2018 , 105, 54-63	45
71	Recovery of reactive MgO from reject brine via the addition of NaOH. 2018 , 429, 88-95	43
70	Autogenous self-healing of cement with expansive minerals-I: Impact in early age crack healing. 2018 , 192, 768-784	46
69	Spent MgO-carbon refractory bricks as a material for permeable reactive barriers to treat a nickel- and cobalt-contaminated groundwater. 2018 , 25, 23205-23214	7
68	Assessing long-term stability of cadmium and lead in a soil washing residue amended with MgO-based binders using quantitative accelerated ageing. 2018 , 643, 1571-1578	39

67	Characterization of Magnesium Silicate Hydrate (MSH) Gel Formed by Reacting MgO and Silica Fume. 2018 , 11,		27
66	Comparison of the Environmental Impacts of Reactive Magnesia and Calcined Dolomite and Their Performance under Different Curing Conditions. 2018 , 30, 04018279		13
65	Investigation of the properties of MgO recovered from reject brine obtained from desalination plants. 2018 , 196, 100-108		29
64	Carbon dioxide sequestration in magnesium-based binders. 2018 , 129-173		8
63	Optimizing reactivity of light-burned magnesia through mechanical milling. 2019 , 45, 22821-22828		10
62	Temporal effect of MgO reactivity on the stabilization of lead contaminated soil. 2019 , 131, 104990		31
61	Effect of MgO Activity Index on Physicochemical, Electrical and Mechanical Properties of Carbonated MgO-admixed Silt. 2019 , 23, 3807-3817		10
60	Engineering Properties of Vertical Cutoff Walls Consisting of Reactive Magnesia-Activated Slag and Bentonite: Workability, Strength, and Hydraulic Conductivity. 2019 , 31, 04019263		15
59	Formation of carbonate phases and their effect on the performance of reactive MgO cement formulations. 2019 , 125, 105894		30
58	Mechanical properties and reaction products of reactive magnesia and CFB slag/silica fume pastes. <i>Advances in Cement Research</i> , 2019 , 31, 297-307	1.8	1
57	Performance of magnesia-modified sodium carbonate-activated slag/fly ash concrete. 2019 , 103, 160-174		22
56	Regulating the Expansion Characteristics of Cementitious Materials Using Blended MgO-Type Expansive Agent. 2019 , 12,		8
55	Performance of reactive MgO concrete under increased CO ₂ dissolution. 2019 , 118, 92-101		27
54	Environmental Assessment of Magnesium Oxychloride Cement Samples: A Case Study in Europe. 2019 , 11, 6957		11
53	Influence of wet-dry cycles on vertical cutoff walls made of reactive magnesia-slag-bentonite-soil mixtures. 2019 , 20, 948-960		8
52	Synthesis of MgO-coated corncob biochar and its application in lead stabilization in a soil washing residue. 2019 , 122, 357-362		111
51	Application of light-burnt dolomite as a mineral addition in concrete. <i>Advances in Cement Research</i> , 2020 , 32, 435-443	1.8	2
50	Influence of accelerated hydration and carbonation on the performance of reactive magnesium oxide concrete. <i>Advances in Cement Research</i> , 2020 , 32, 78-90	1.8	5

49	GMCs stabilized/solidified Pb/Zn contaminated soil under different curing temperature: Physical and microstructural properties. 2020 , 239, 124738	13
48	Time and Amplitude Effect on Nano Magnesium Oxide Synthesis from Bittern using Sonochemical Process. 2020 , 858, 012045	2
47	Influence of aqueous carbonate species on hydration and carbonation of reactive MgO cement. 2020 , 41, 101260	9
46	Urea-Assisted Synthesis of Nanospherical and Plate-Like Magnesium Oxides for Efficient Removal of Reactive Dye Wastes. 2020 , 2020, 1-10	
45	Magnesia (MgO) Production and Characterization, and Its Influence on the Performance of Cementitious Materials: A Review. 2020 , 13,	19
44	Suppressing Ettringite-Induced Swelling of Gypseous Soil by Using Magnesia-Activated Ground Granulated Blast-Furnace Slag. 2020 , 146, 06020008	9
43	Magnesium oxychloride cement. 2020 , 29-74	2
42	Introduction [Characterization of MgO. 2020 , 1-10	0
41	Magnesia as an expansive additive. 2020 , 243-274	0
40	Magnesia in alkali activated cements. 2020 , 213-241	0
39	Hydraulic conductivity and self-healing performance of Engineered Cementitious Composites exposed to Acid Mine Drainage. 2020 , 716, 137095	28
38	Performance of MgO and MgO/BiO ₂ systems containing seeds under different curing conditions. 2020 , 108, 103543	13
37	Effects of excessive impregnation, magnesium content, and pyrolysis temperature on MgO-coated watermelon rind biochar and its lead removal capacity. 2020 , 183, 109152	31
36	Durability of engineered cementitious composite exposed to acid mine drainage. 2020 , 108, 103550	14
35	Evaluating soundness of concrete containing shrinkage-compensating MgO admixtures. 2020 , 253, 119141	22
34	Production of reactive magnesia from desalination reject brine and its use as a binder. 2021 , 44, 101383	8
33	How nanoparticles have ameliorated the challenges in drilling operations. 2021 , 197, 107931	4
32	The engineering properties and reaction mechanism of MgO-activated slag cement-clayey sand-bentonite (MSB) cutoff wall backfills. 2021 , 271, 121890	5

31	A review of resource recovery from seawater desalination brine. 2021 , 20, 333-361	6
30	Investigation of chloride penetration in carbonated reactive magnesia cement mixes exposed to cyclic wetting-drying. 2021 , 284, 122837	4
29	Carbonation curing influencing factors of Carbonated Reactive Magnesia Cements (CRMC) [A review]. 2021 , 305, 127210	7
28	Enhanced biomethane production via thermophilic anaerobic digestion of cattail amended with potassium phosphate- and magnesium-modified biochar. 2021 , 23, 2399-2412	0
27	Manufacturing reactive magnesia from nickel laterite waste solution via nesquehonite precipitation. 2021 , 204, 105725	1
26	Impact of downhole pressure and fluid-access on the effectiveness of wellbore cement expansion additives. 2021 , 147, 106514	3
25	Surface modification of magnesium oxide and its effect on the performance of magnesium phosphate cement. 2022 , 316, 125880	0
24	Recent advance of MgO expansive agent in cement and concrete. 2022 , 45, 103633	3
23	Impacts of MgO waste:GGBS formulations on the performance of a stabilised natural high sulphate bearing soil. 2021 , 315, 125745	1
22	Feasibility for co-utilisation of Carbonated Reactive Magnesia Cement (CRMC) and industrial wastes in circular economy and CO2 mineralisation. 2022 , 323, 126488	0
21	Application of Magnesium Oxide Media for Remineralization and Removal of Divalent Metals in Drinking Water Treatment: A Review. 2022 , 14, 633	0
20	Swelling and behavioral transformation of magnesia-sand mixtures: experimental characterization of physical properties and undrained shear strength. 2022 , 81, 1	0
19	Materials for Well Integrity [Rheological Behavior Study]. 2022 ,	
18	Treating Pb-contaminated clay slurry by three curing agents. 2022 , 303, 135011	0
17	Improving sulphuric acid resistance of slag-based binders by magnesium-modified activator and metakaolin substitution. 2022 , 131, 104605	
16	Enhancing carbonation of magnesium oxide (MgO) cement (RMC)-based composites with calcined limestone. 2022 , 9, 100037	0
15	Early Hydration Kinetics and Microstructure Development of MgO-Activated Slag at Room Temperature. 2023 , 35,	0
14	Life cycle assessment of brucite and synthetic MgO produced from reject brine using different alkalis. 2022 , 380, 135071	0

- 13 The role of biomass bottom ash in Carbonated Reactive Magnesia Cement (CRMC) for CO₂ mineralisation. **2022**, 380, 135092
- 12 Proportioning, Carbonation, Performance Assessment, and Application of Reactive Magnesium Oxide Cement-Based Composites with Superplasticizers. **2023**, 35,
- 11 Filler effects of CaCO₃ polymorphs derived from limestone and seashell on hydration and carbonation of reactive magnesium oxide (MgO) cement (RMC). **2023**, 164, 107040
- 10 Minerals recovery from a rare earth extraction wastewater by a combined chemical precipitation and membrane distillation process. **2023**, 308, 122899
- 9 Development of alternative cementitious binders for 3D printing applications: A critical review of progress, advantages and challenges. **2023**, 252, 110492
- 8 Chemical synthesis of magnesium oxide (MgO) from brine towards minimal energy consumption. **2023**, 556, 116594
- 7 Influence of short-term binder-bentonite interactions on workability of sand-bentonite-binder mixture for seepage cut-off wall. **2023**, 383, 131260
- 6 Recovery of magnesium from flue gas desulfurization wastewater using thermomorphic hydrophilicity amines. **2023**, 316, 123776
- 5 Limestone and class C fly ash blends activated with binary alkalis of Na₂CO₃ and NaOH and MgO and NaOH: Reaction products and environmental impact. **2023**, 137, 104949
- 4 Investigation of the properties of reactive MgO-based cements and their effect on performance. **2023**, 138, 104984
- 3 The Influence of Casting Static Compaction Pressure on Carbonated Reactive Magnesia Cement (CRMC)-Based Mortars.
- 2 Quantifying the Sealing Performance of Plug and Abandonment (P&A) Cement Systems under Downhole Conditions. **2023**,
- 1 Durability of Concrete with Partial Replacement of Portland Cement by Incorporating Reactive Magnesium Oxide and Fly Ash. **2023**, 16, 2670