

Setting of alkali-activated slag cement. Influence of acti

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Citation Report

#	ARTICLE	IF	CITATIONS
1	DEVELOPMENT AND PERFORMANCE OF CEMENT KILN DUST-SLAG CEMENT. , 2002, , 403-410.		6
2	Effect of activator mix on the hydration and strength behaviour of alkali-activated slag cements. Advances in Cement Research, 2003, 15, 129-136.	0.7	197
3	Pore solution in alkali-activated slag cement pastes. Relation to the composition and structure of calcium silicate hydrate. Cement and Concrete Research, 2004, 34, 139-148.	4.6	287
4	Effects of type and dosage of alkaline activator and temperature on the properties of alkali-activated slag mixtures. Construction and Building Materials, 2007, 21, 1463-1469.	3.2	185
5	Life Cycle Analysis Incorporated Development of Geopolymer Binder / \AA -kobilanziell eingebettete Entwicklung von Geopolymerbindern. Restoration of Buildings and Monuments, 2008, 14, 271-282.	0.6	2
6	Influence of activator on the strength and drying shrinkage of alkali-activated slag mortar. Construction and Building Materials, 2009, 23, 548-555.	3.2	479
7	Effect of silicate modulus and metakaolin incorporation on the carbonation of alkali silicate-activated slags. Cement and Concrete Research, 2010, 40, 898-907.	4.6	341
8	Evolution of binder structure in sodium silicate-activated slag-metakaolin blends. Cement and Concrete Composites, 2011, 33, 46-54.	4.6	513
9	Influence of activator type on hydration kinetics, hydrate assemblage and microstructural development of alkali activated blast-furnace slags. Cement and Concrete Research, 2011, 41, 301-310.	4.6	720
10	The potential for using slags activated with near neutral salts as immobilisation matrices for nuclear wastes containing reactive metals. Journal of Nuclear Materials, 2011, 413, 183-192.	1.3	40
11	Influence of slag chemistry on the hydration of alkali-activated blast-furnace slag \AA Part II: Effect of Al_2O_3 . Cement and Concrete Research, 2012, 42, 74-83.	4.6	406
12	Setting and mechanical properties of alkali-activated fly ash/slag concrete manufactured at room temperature. Construction and Building Materials, 2013, 47, 1201-1209.	3.2	493
13	Alkali activation of blended cements containing oil shale ash. Construction and Building Materials, 2013, 40, 367-377.	3.2	22
14	Use of glass waste as an activator in the preparation of alkali-activated slag. Mechanical strength and paste characterisation. Cement and Concrete Research, 2014, 57, 95-104.	4.6	300
15	The fate of iron in blast furnace slag particles during alkali-activation. Materials Chemistry and Physics, 2014, 146, 1-5.	2.0	36
16	Physico-chemical, mechanical, microstructure and durability characteristics of alkali activated Egyptian slag. Construction and Building Materials, 2014, 69, 60-72.	3.2	90
17	Rheology of alkali-activated slag pastes. Effect of the nature and concentration of the activating solution. Cement and Concrete Composites, 2014, 53, 279-288.	4.6	189
18	Distinctive microstructural features of aged sodium silicate-activated slag concretes. Cement and Concrete Research, 2014, 65, 41-51.	4.6	80

#	ARTICLE	IF	CITATIONS
19	Influence of different additives on the properties of sodium sulfate activated slag. <i>Construction and Building Materials</i> , 2015, 79, 379-389.	3.2	68
20	Setting, segregation and bleeding of alkali-activated cement, mortar and concrete binders. , 2015, , 113-131.		10
21	Reuse of urban and industrial waste glass as a novel activator for alkali-activated slag cement pastes: a case study. , 2015, , 75-109.		6
22	Crucial insights on the mix design of alkali-activated cement-based binders. , 2015, , 49-73.		25
23	An exploratory study on sodium sulfate activated slag modified with Portland cement. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 4085-4095.	1.3	25
24	Properties of alkali activated slag fly ash blends with limestone addition. <i>Cement and Concrete Composites</i> , 2015, 59, 119-128.	4.6	179
25	Reaction kinetics, reaction products and compressive strength of ternary activators activated slag designed by Taguchi method. <i>Materials and Design</i> , 2015, 86, 878-886.	3.3	60
26	Role of carbonates in the chemical evolution of sodium carbonate-activated slag binders. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 517-529.	1.3	186
27	Studying the Hydration of a Retarded Suspension of Ground Granulated Blast-Furnace Slag after Reactivation. <i>Materials</i> , 2016, 9, 933.	1.3	2
28	Alkali-activated slag cements produced with a blended sodium carbonate/sodium silicate activator. <i>Advances in Cement Research</i> , 2016, 28, 262-273.	0.7	78
29	Controlling the reaction kinetics of sodium carbonate-activated slag cements using calcined layered double hydroxides. <i>Cement and Concrete Research</i> , 2016, 81, 24-37.	4.6	213
30	Alkali activated slag foams: The effect of the alkali reaction on foam characteristics. <i>Journal of Cleaner Production</i> , 2017, 147, 330-339.	4.6	115
31	Sodium carbonate activated slag as cement replacement in autoclaved aerated concrete. <i>Ceramics International</i> , 2017, 43, 6039-6047.	2.3	51
32	Assessing the chemical involvement of limestone powder in sodium carbonate activated slag. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	1.3	37
33	Evaluation of slag characteristics on the reaction kinetics and mechanical properties of Na ₂ CO ₃ activated slag. <i>Construction and Building Materials</i> , 2017, 131, 334-346.	3.2	50
34	Alkali activated slag pastes with surface-modified blast furnace slag. <i>Cement and Concrete Composites</i> , 2017, 76, 39-47.	4.6	26
35	Time-dependent characterization of Na ₂ CO ₃ activated slag. <i>Cement and Concrete Composites</i> , 2017, 84, 188-197.	4.6	56
36	Circulating fluidized bed combustion ash as controlled low-strength material (CLSM) by alkaline activation. <i>Construction and Building Materials</i> , 2017, 156, 728-738.	3.2	39

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37	Autogenous and drying shrinkage of sodium carbonate activated slag altered by limestone powder incorporation. <i>Construction and Building Materials</i> , 2017, 153, 459-468.	3.2	49
38	Chloride binding and mobility in sodium carbonate-activated slag pastes and mortars. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 252.	1.3	52
39	Alkali activated slag binder: effect of cations from silicate activators. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	1.3	25
40	8. Chemistry, design and application of hybrid alkali activated binders. , 2017, , 253-284.		0
41	Phase modification induced drying shrinkage reduction on Na ₂ CO ₃ activated slag by incorporating Na ₂ SO ₄ . <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	1.3	9
42	Alkali activation of a high MgO GGBS " fresh and hardened properties. <i>Magazine of Concrete Research</i> , 2018, 70, 1256-1264.	0.9	23
43	One-part geopolymer cement from slag and pretreated paper sludge. <i>Journal of Cleaner Production</i> , 2018, 185, 168-175.	4.6	126
44	Slag-Based Cements That Resist Damage Induced by Carbon Dioxide. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5067-5075.	3.2	39
45	Self-hydration characteristics of ground granulated blast-furnace slag (GGBFS) by wet-grinding treatment. <i>Construction and Building Materials</i> , 2018, 167, 96-105.	3.2	59
46	Alkali-activated slag concrete: Fresh and hardened behaviour. <i>Cement and Concrete Composites</i> , 2018, 85, 22-31.	4.6	151
47	Effects of processing on the mineralogy and solubility of carbonate-rich clays for alkaline activation purpose: mechanical, thermal activation in red/ox atmosphere and their combination. <i>Applied Clay Science</i> , 2018, 152, 9-21.	2.6	27
48	Effect of Dosage of Alkaline Activator on the Properties of Alkali-Activated Slag Pastes. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-12.	1.0	14
49	Some Progresses in the Challenges for Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 431, 022003.	0.3	10
50	Effects of Portland cement on activation mechanism of class F fly ash geopolymer cured under ambient conditions. <i>Construction and Building Materials</i> , 2018, 189, 1113-1123.	3.2	53
51	The effect of ultrahigh volume ultrafine blast furnace slag on the properties of cement pastes. <i>Construction and Building Materials</i> , 2018, 189, 438-447.	3.2	37
52	A critical review on application of alkali activated slag as a sustainable composite binder. <i>Case Studies in Construction Materials</i> , 2019, 11, e00268.	0.8	82
53	Effect of the activator on the performance of alkali-activated slag mortars with pottery sand as fine aggregate. <i>Construction and Building Materials</i> , 2019, 197, 83-90.	3.2	37
54	Microstructure and Strength Development of Sodium Carbonate" Activated Blast Furnace Slags. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, .	1.3	19

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55	Recent progress in low-carbon binders. <i>Cement and Concrete Research</i> , 2019, 122, 227-250.	4.6	391
56	<i>In situ</i> quasi-elastic neutron scattering study on the water dynamics and reaction mechanisms in alkali-activated slags. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10277-10292.	1.3	20
57	Understanding the roles of activators towards setting and hardening control of alkali-activated slag cement. <i>Composites Part B: Engineering</i> , 2019, 171, 34-45.	5.9	116
58	Effect of calcium hydroxide on fresh state behavior of sodium carbonate activated blast furnace slag pastes. <i>Construction and Building Materials</i> , 2019, 212, 388-399.	3.2	40
59	Effects of calcined dolomite addition on reaction kinetics of one-part sodium carbonate-activated slag cements. <i>Construction and Building Materials</i> , 2019, 211, 329-336.	3.2	29
60	Accelerating the reaction kinetics and improving the performance of Na ₂ CO ₃ -activated GGBS mixes. <i>Cement and Concrete Research</i> , 2019, 126, 105927.	4.6	42
61	Synthesis of Alkali-Activated Binary Blended Silico-Manganese Fume and Ground Blast Furnace Slag Mortar. <i>Journal of Advanced Concrete Technology</i> , 2019, 17, 728-735.	0.8	15
63	Experimental Investigation of Bond-Slip Performance of Reinforcement in Two Green Concretes. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	1.3	3
64	Influence of different activators on microstructure and strength of alkali-activated nickel slag cementitious materials. <i>Construction and Building Materials</i> , 2020, 235, 117449.	3.2	40
65	Alkali-activated concrete systems: a state of art. , 2020, , 459-491.		5
66	Hardening evolution of geopolymers from setting to equilibrium: A review. <i>Cement and Concrete Composites</i> , 2020, 114, 103729.	4.6	76
67	Enhancing the performance of MgO-activated slag-fly ash mixes by accelerated carbonation. <i>Journal of CO₂ Utilization</i> , 2020, 42, 101356.	3.3	14
68	Synthesis of kaolin-based alkali-activated cement: carbon footprint, cost and energy assessment. <i>Journal of Materials Research and Technology</i> , 2020, 9, 8367-8378.	2.6	37
69	Interpreting the early-age reaction process of alkali-activated slag by using combined embedded ultrasonic measurement, thermal analysis, XRD, FTIR and SEM. <i>Composites Part B: Engineering</i> , 2020, 186, 107840.	5.9	105
70	Use of industrial by-products as alkaline cement activators. <i>Construction and Building Materials</i> , 2020, 253, 119000.	3.2	16
71	Influence of activator type on reaction kinetics, setting time, and compressive strength of alkali-activated mineral wools. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 144, 1129-1138.	2.0	24
72	Development of newer composite cement through mechano-chemical activation of steel slag. <i>Construction and Building Materials</i> , 2021, 268, 121147.	3.2	28
73	Influence of various factors on properties of geopolymer paste: A comparative study. <i>Structural Concrete</i> , 2021, 22, E315.	1.5	7

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74	Hydration mechanisms and durability of hybrid alkaline cements (HACs): A review. <i>Construction and Building Materials</i> , 2021, 266, 121039.	3.2	46
75	Monitoring the setting process of alkali-activated slag-fly ash cements with ultrasonic P-wave velocity. <i>Construction and Building Materials</i> , 2021, 271, 121592.	3.2	22
76	Effect of reactive MgO on hydration and properties of alkali-activated slag pastes with different activators. <i>Construction and Building Materials</i> , 2021, 271, 121608.	3.2	44
77	Factors Affecting Kinetics and Gel Composition of Alkali-Silica Reaction in Alkali-Activated Slag Mortars. <i>International Journal of Civil Engineering</i> , 2021, 19, 453-462.	0.9	3
78	Slag uses in making an ecofriendly and sustainable concrete: A review. <i>Construction and Building Materials</i> , 2021, 272, 121942.	3.2	116
79	Performance and sustainability overview of sodium carbonate activated slag materials cured at ambient temperature. <i>Resources, Environment and Sustainability</i> , 2021, 3, 100016.	2.9	17
80	Laboratory Evaluation for Utilization of Phosphogypsum through Carbide Slag Highly-Effective Activating Anhydrous Phosphogypsum. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2021, 36, 392-399.	0.4	6
81	Fundamental understanding of the setting behaviour of the alkali activated binders based on ground granulated blast furnace slag and fly ash. <i>Construction and Building Materials</i> , 2021, 291, 123243.	3.2	28
82	The effects of calcium hydroxide and activator chemistry on alkali-activated metakaolin pastes. <i>Cement and Concrete Research</i> , 2021, 145, 106453.	4.6	42
83	Alkali-Activated Controlled Low-Strength Material Utilizing High-Calcium Fly Ash and Steel Slag for Use as Pavement Materials. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	1.3	36
84	Influence of Silica Modulus and Curing Temperature on the Strength of Alkali-Activated Volcanic Ash and Limestone Powder Mortar. <i>Materials</i> , 2021, 14, 5204.	1.3	5
85	Effect of organic alkali on hydration of GGBS-FA blended cementitious material activated by sodium carbonate. <i>Ceramics International</i> , 2022, 48, 1611-1621.	2.3	8
86	Investigation on the roles of solution-based alkali and silica in activated low-calcium fly ash and slag blends. <i>Cement and Concrete Composites</i> , 2021, 123, 104175.	4.6	26
87	Calcium carbide residue as auxiliary activator for one-part sodium carbonate-activated slag cements: compressive strength, phase assemblage and environmental benefits. <i>Construction and Building Materials</i> , 2021, 308, 125015.	3.2	42
88	Binder Chemistry of High-Calcium Alkali-Activated Materials. <i>RILEM State-of-the-Art Reports</i> , 2014, , 59-91.	0.3	41
89	Study on the influences of silica and sodium in the alkali-activation of ground granulated blast furnace slag. <i>Construction and Building Materials</i> , 2020, 257, 119514.	3.2	26
90	High-Resolution X-Ray Diffraction and Fluorescence Microscopy Characterization of Alkali-Activated Slag-Metakaolin Binders. <i>Journal of the American Ceramic Society</i> , 2013, 96, 1951-1957.	1.9	79
91	Advances in near-neutral salts activation of blast furnace slags. <i>RILEM Technical Letters</i> , 0, 1, 39-44.	0.0	63

#	ARTICLE	IF	CITATIONS
92	Hormigón alternativo basado en escorias activadas alcalinamente. <i>Materiales De Construccion</i> , 2008, 58, .	0.2	29
93	Cementos petroleros con adición de escoria de horno alto. Características y propiedades. <i>Materiales De Construccion</i> , 2011, 61, 185-211.	0.2	4
94	EFFECT OF THE CURING CONDITIONS ON THE CHARACTERISTICS OF CITROGYPSUM-CONTAINING ALKALI-ACTIVATED BINDERS. <i>Construction Materials and Products</i> , 2021, 4, 24-34.	0.1	0
95	Continuous Monitoring of the Early-Age Properties of Activated GGBFS with Alkaline Solutions of Different Concentrations. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	1.3	9
96	Flow Property of Alkali-Activated Slag with Modified Precursor. <i>ACI Materials Journal</i> , 2017, 114, .	0.3	4
97	Effect of Sodium Sulphate on Rheological Behaviour of Alkali Activated Slag Binders. <i>RILEM Bookseries</i> , 2020, , 71-78.	0.2	0
99	Rheology and microstructure of alkali-activated slag cements produced with silica fume activator. <i>Cement and Concrete Composites</i> , 2022, 125, 104303.	4.6	38
100	Investigation of effects of reactive MgO on autogenous and drying shrinkage of near-neutral salt activated slag cement. <i>Ceramics International</i> , 2022, 48, 5518-5526.	2.3	14
101	The utilization of waste incineration filter dust (WIFD) in sodium carbonate activated slag mortars. <i>Construction and Building Materials</i> , 2021, 313, 125494.	3.2	3
102	Modification of Carbonate-Activated Binder for Lead-Zinc Mine Tailings Based Cemented Paste Backfill. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
103	Alkali-activated fly ash-blast furnace slag blend rheology: Evaluation of yield and Maxwell responses. <i>Cleaner Engineering and Technology</i> , 2022, 6, 100398.	2.1	0
104	In-situ formation of layered double hydroxides (LDHs) in sodium aluminate activated slag: The role of Al-O tetrahedra. <i>Cement and Concrete Research</i> , 2022, 153, 106697.	4.6	20
105	Impact of Ca+ content and curing condition on durability performance of metakaolin-based geopolymer mortars. <i>Case Studies in Construction Materials</i> , 2022, 16, e00922.	0.8	20
106	Low CO2 reactive magnesia cements and their applications via nano-modification. , 2022, , 407-458.		1
107	Alkali Activation of Ground Granulated Blast Furnace Slag and Low Calcium Fly Ash Using "One-Part" Approach. <i>Journal of Sustainable Metallurgy</i> , 2022, 8, 511-521.	1.1	4
108	Effect of mechanical activation on reaction mechanism of one-part preparation fly ash/slag-based geopolymer. <i>Advances in Cement Research</i> , 2022, 34, 412-426.	0.7	3
109	Capturing the early-age physicochemical transformations of alkali-activated fly ash and slag using ultrasonic pulse velocity technique. <i>Cement and Concrete Composites</i> , 2022, 130, 104529.	4.6	10
110	Modification of carbonate-activated binder for lead-zinc mine tailings based cemented paste backfill. <i>Construction and Building Materials</i> , 2022, 326, 126871.	3.2	5

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111	Experimental Study of Slag Changes during the Very Early Stages of Its Alkaline Activation. <i>Materials</i> , 2022, 15, 231.	1.3	10
112	Investigation of the effect of commercial limestone on alkali-activated blends based on Algerian slag-glass powder. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 8049-8072.	1.0	4
113	Synergic Effect of Compositions and Processing Method on the Performance of High Strength Alkali Activated Slag Foam. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
114	The role of CaO and MgO incorporation in chloride resistance of sodium carbonate-activated slag. <i>Cement and Concrete Composites</i> , 2022, 132, 104625.	4.6	18
115	On the mechanisms of shrinkage reducing admixture in alkali activated slag binders. <i>Journal of Building Engineering</i> , 2022, 56, 104812.	1.6	9
116	The role of zinc sulphate as a retarder for alkali activated binders and its influence on the rheological, setting and mechanical behaviour. <i>Construction and Building Materials</i> , 2022, 344, 128128.	3.2	4
117	The reactive products and reactivity of modified red mud and ground granulated blast furnace slag at different alkalinities. <i>Construction and Building Materials</i> , 2022, 346, 128471.	3.2	4
118	The effect of composition on the dielectric properties of alkali activated materials: A next generation dielectric ceramic. <i>Materials Today Communications</i> , 2022, 32, 104087.	0.9	3
119	The effect of alkaline activators and sand ratio on the physico-mechanical properties of blast furnace slag based mortars. <i>Journal of Building Engineering</i> , 2022, 58, 104998.	1.6	8
120	Mix Proportion and Mechanical Properties of One-Part Alkali-Activated Geopolymer Concrete. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
121	The effect of sodium citrate on NaOH-activated BFS cement: Hydration, mechanical property, and micro/nanostructure. <i>Cement and Concrete Composites</i> , 2022, 133, 104703.	4.6	5
122	Synergic effect of compositions and processing method on the performance of high strength alkali activated slag foam. <i>Construction and Building Materials</i> , 2022, 352, 128991.	3.2	5
123	Correlation between porous structure analysis, mechanical efficiency and gamma-ray attenuation power for hydrothermally treated slag-glass waste-based geopolymer. <i>Case Studies in Construction Materials</i> , 2022, 17, e01505.	0.8	3
124	Recent progress in understanding setting and hardening of alkali-activated slag (AAS) materials. <i>Cement and Concrete Composites</i> , 2022, 134, 104795.	4.6	31
125	Evaluation on comprehensive properties and bonding performance of practical slag-fly ash blending based alkali-activated material. <i>Journal of Building Engineering</i> , 2022, 62, 105350.	1.6	2
126	Effects of anionic species of activators on the rheological properties and early gel characteristics of alkali-activated slag paste. <i>Cement and Concrete Research</i> , 2022, 162, 106968.	4.6	15
127	Effect of High-Range Water-Reducing Admixtures on Alkali-Activated Slag Concrete. <i>ACI Materials Journal</i> , 2022, , .	0.3	1
128	Effect of limestone on engineering properties of alkali-activated concrete: A review. <i>Construction and Building Materials</i> , 2023, 362, 129709.	3.2	8

#	ARTICLE	IF	CITATIONS
129	The intrinsic role of network modifiers (Ca versus Mg) in the reaction kinetics and microstructure of sodium silicate-activated CaO-MgO-Al ₂ O ₃ -SiO ₂ glasses. <i>Cement and Concrete Research</i> , 2023, 164, 107058.	4.6	7
130	In Situ Spectroscopic Insights into the Setting Performance of Alkali-Activated Slag. <i>Journal of Materials in Civil Engineering</i> , 2023, 35, .	1.3	1
131	Mechanical and durability performance of alkali-activated slag cement concretes with carbonate and silicate activators. <i>Sustainable Chemistry and Pharmacy</i> , 2023, 31, 100896.	1.6	4
132	Effects of Na ₂ CO ₃ /Na ₂ SiO ₃ Ratio and Curing Temperature on the Structure Formation of Alkali-Activated High-Carbon Biomass Fly Ash Pastes. <i>Materials</i> , 2022, 15, 8354.	1.3	5
133	Alkali-Activated Binary Binders with Carbonate-Rich Illitic Clay. <i>Polymers</i> , 2023, 15, 362.	2.0	5
134	Effect of Solution-to-Binder Ratio and Alkalinity on Setting and Early-Age Properties of Alkali-Activated Slag-Fly Ash Binders. <i>Materials</i> , 2023, 16, 373.	1.3	2
135	Utilization of sodium carbonate activator in strain-hardening ultra-high-performance geopolymer concrete (SH-UHPGC). <i>Frontiers in Materials</i> , 0, 10, .	1.2	35
136	Sulfate resistance of class C/class F fly ash geopolymers. <i>Journal of Materials Research and Technology</i> , 2023, 23, 1767-1780.	2.6	7
137	Production and evaluation of alkali-activated binders of low-calcium fly ash with slag replacement. <i>Advances in Cement Research</i> , 2023, 35, 358-372.	0.7	0
138	Microstructure and mechanical performance of alkali-activated tuff-based binders. <i>Cement and Concrete Composites</i> , 2023, 139, 105030.	4.6	4
139	Philosophy of rational mixture proportioning of alkali-activated materials validated by the hydration kinetics of alkali-activated slag and its microstructure. <i>Cement and Concrete Research</i> , 2023, 168, 107139.	4.6	12
140	Effect mechanism of slag activity on the basic tensile creep of alkali-activated slag mortar. <i>Journal of Building Engineering</i> , 2023, 68, 105903.	1.6	2
141	A state-of-the-art review on the setting behaviours of ground granulated blast furnace slag- and metakaolin-based alkali-activated materials. <i>Construction and Building Materials</i> , 2023, 368, 130389.	3.2	30
142	C-S-H Seeds Accelerate Early Age Hydration of Carbonate-Activated Slag and the Underlying Mechanism. <i>Materials</i> , 2023, 16, 1394.	1.3	5
143	Correlating Hydration of Alkali-Activated Slag Modified by Organic Additives to the Evolution of Its Properties. <i>Materials</i> , 2023, 16, 1908.	1.3	2
144	Analysis of reaction degree and factors of alkali-activated fly ash/slag. <i>Magazine of Concrete Research</i> , 0, , 1-10.	0.9	0
145	Shrinkage mitigation of alkali-activated fly ash/slag mortar by using phosphogypsum waste. <i>Construction and Building Materials</i> , 2023, 375, 130978.	3.2	4
146	Mitigation of autogenous shrinkage of alkali-activated slag mortar by stearate salts. <i>Construction and Building Materials</i> , 2023, 384, 131383.	3.2	3

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