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List of Publications by Year
in descending order

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316 papers	39,344 citations	2962 96 h-index	3343 190 g-index
329 all docs	329 docs citations	329 times ranked	10632 citing authors

#	Article	IF	Citations
1	Binary alkali-activated systems obtained by the valorisation of calcined kaolin sludge and bottom ash. Advances in Cement Research, 2022, 34, 67-79.	0.7	4
2	Metakaolin-based geopolymers: Efflorescence and its effect on microstructure and mechanical properties. Ceramics International, 2022, 48, 2212-2229.	2.3	27
3	Innovation in Cementsâ€"Can We Meet Future Construction Needs Sustainably?. Lecture Notes in Civil Engineering, 2022, , 29-36.	0.3	2
4	Cement-based stabilization/solidification of radioactive waste. , 2022, , 407-431.		4
5	Spectroscopic evaluation of U^{VI}â€"cement mineral interactions: ettringite and hydrotalcite. Journal of Synchrotron Radiation, 2022, 29, 89-102.	1.0	5
6	M&S highlight: Constantinides et al. (2003), On the use of nanoindentation for cementitious materials. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	1.3	0
7	Reversible Adsorption of Polycarboxylates on Silica Fume in High pH, High Ionic Strength Environments for Control of Concrete Fluidity. Langmuir, 2022, 38, 1662-1671.	1.6	6
8	Adsorption behaviour of simulant radionuclide cations and anions in metakaolin-based geopolymer. Journal of Hazardous Materials, 2022, 429, 128373.	6.5	35
9	Time-resolved 3D characterisation of early-age microstructural development of Portland cement. Journal of Materials Science, 2022, 57, 4952-4969.	1.7	4
10	Clay calcination technology: state-of-the-art review by the RILEM TC 282-CCL. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	1.3	71
11	M&S Highlight: Bischoff and Perry (1991), Compressive behaviour of concrete at high strain rates. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	1.3	0
12	Report of RILEM TC 267-TRM phase 2: optimization and testing of the robustness of the R3 reactivity tests for supplementary cementitious materials. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	1.3	29
13	Geometric quality assurance for 3D concrete printing and hybrid construction manufacturing using a standardised test part for benchmarking capability. Cement and Concrete Research, 2022, 156, 106773.	4.6	19
14	Sustainable iron-rich cements: Raw material sources and binder types. Cement and Concrete Research, 2022, 157, 106834.	4.6	32
15	Decarbonisation of calcium carbonate in sodium hydroxide solutions under ambient conditions: effect of residence time and mixing rates. Physical Chemistry Chemical Physics, 2022, 24, 16125-16138.	1.3	5
16	Alkali-activated materials produced using high-calcium, high-carbon biomass ash. Cement and Concrete Composites, 2022, 132, 104646.	4.6	10
17	Simulation of radiation damage via alpha decay in BFS:PC grouts using 4He2+ ion acceleration. Cement and Concrete Research, 2022, 159, 106895.	4.6	0
18	Influence of activator type on reaction kinetics, setting time, and compressive strength of alkali-activated mineral wools. Journal of Thermal Analysis and Calorimetry, 2021, 144, 1129-1138.	2.0	24

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19	Mechanical and physical properties of inorganic polymer cement made of iron-rich laterite and lateritic clay: A comparative study. Cement and Concrete Research, 2021, 140, 106320.	4.6	58
20	Creep and Long-Term Properties of Alkali-Activated Swedish-Slag Concrete. Journal of Materials in Civil Engineering, 2021, 33, .	1.3	17
21	Characterization of and Structural Insight into Struvite-K, MgKPO₄Â·6H₂O, an Analogue of Struvite. Inorganic Chemistry, 2021, 60, 195-205.	1.9	29
22	Electrochemical cell design and impedance spectroscopy of cement hydration. Journal of Materials Science, 2021, 56, 1203-1220.	1.7	9
23	Thermodynamic properties of sodium aluminosilicate hydrate (Nâ€“Aâ€“Sâ€“H). Dalton Transactions, 2021, 50, 13968-13984.	1.6	14
24	Cementitious Materials Science. Theories and Applications. Edited by Lin Zongshou, Xing Weihong and Chen Wei. De Gruyter, 2019. XIII + pp. 403, Paperback. Price EUR 68.95. ISBN 978-3-11-057209-4. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 182-183.	0.5	0
25	Temperature transformation of blended magnesium potassium phosphate cement binders. Cement and Concrete Research, 2021, 141, 106332.	4.6	25
26	Early age hydration and application of blended magnesium potassium phosphate cements for reduced corrosion of reactive metals. Cement and Concrete Research, 2021, 143, 106375.	4.6	37
27	Mechanisms of passivation and chloride-induced corrosion of mild steel in sulfide-containing alkaline solutions. Journal of Materials Science, 2021, 56, 14783-14802.	1.7	17
28	Editorial: Covid-19: Materials Science and Engineering Challenges. Frontiers in Materials, 2021, 8, .	1.2	1
29	Producing cement clinker assemblages in the system: CaO-SiO2-Al2O3-SO3-CaCl2-MgO. Cement and Concrete Research, 2021, 144, 106418.	4.6	11
30	Evidence of formation of an amorphous magnesium silicate (AMS) phase during alkali activation of (Na-Mg) aluminosilicate glasses. Cement and Concrete Research, 2021, 145, 106464.	4.6	15
31	Activator Anion Influences the Nanostructure of Alkali-Activated Slag Cements. Journal of Physical Chemistry C, 2021, 125, 20727-20739.	1.5	23
32	Editorial-Materials & Structures. Materials and Structures/Materiaux Et Constructions, 2021, 54, 199.	1.3	0
33	Mimicking Biosintering: The Identification of Highly Condensed Surfaces in Bioinspired Silica Materials. Langmuir, 2021, 37, 561-568.	1.6	3
34	Decarbonisation of calcium carbonate at atmospheric temperatures and pressures, with simultaneous CO₂ capture, through production of sodium carbonate. Energy and Environmental Science, 2021, 14, 6595-6604.	15.6	15
35	Extraction of Tricalcium Aluminate for Research Applications by Selective Dissolution of Portland Cement Clinker. Journal of Materials in Civil Engineering, 2020, 32, .	1.3	5
36	Incorporation of strontium and calcium in geopolymer gels. Journal of Hazardous Materials, 2020, 382, 121015.	6.5	71

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37	Effects of plutonium dioxide encapsulation on the physico-chemical development of Portland cement blended grouts. Journal of Nuclear Materials, 2020, 530, 151960.	1.3	5
38	Nanostructure of CaO-(Na₂O)-Al₂O₃-SiO₂-H₂O Gels Revealed by Multinuclear Solid-State Magic Angle Spinning and Multiple Quantum Magic Angle Spinning Nuclear Magnetic Resonance Spectroscopy. Journal of Physical Chemistry C, 2020, 124, 1681-1694.	1.5	19
39	Accelerated carbonation of reactive MgO and Portland cement blends under flowing CO2 gas. Cement and Concrete Composites, 2020, 106, 103489.	4.6	108
40	Nanostructural evolution of alkali-activated mineral wools. Cement and Concrete Composites, 2020, 106, 103472.	4.6	30
41	Immobilization of cesium with alkali-activated blast furnace slag. Journal of Hazardous Materials, 2020, 388, 121765.	6.5	41
42	RILEM TC 247-DTA round robin test: sulfate resistance, alkali-silica reaction and freezeâ€“thaw resistance of alkali-activated concretes. Materials and Structures/Materiaux Et Constructions, 2020, 53, 1.	1.3	30
43	The role of zinc in metakaolin-based geopolymers. Cement and Concrete Research, 2020, 136, 106194.	4.6	108
44	Estimation of standard molar entropy of cement hydrates and clinker minerals. Cement and Concrete Research, 2020, 136, 106188.	4.6	12
45	Understanding the carbonation of concrete with supplementary cementitious materials: a critical review by RILEM TC 281-CCC. Materials and Structures/Materiaux Et Constructions, 2020, 53, 1.	1.3	123
46	Environmental impacts and decarbonization strategies in the cement and concrete industries. Nature Reviews Earth & Environment, 2020, 1, 559-573.	12.2	483
47	Field Strength of Network-Modifying Cation Dictates the Structure of (Na-Mg) Aluminosilicate Glasses. Frontiers in Materials, 2020, 7, .	1.2	24
48	Thermodynamic modelling of phase evolution in alkali-activated slag cements exposed to carbon dioxide. Cement and Concrete Research, 2020, 136, 106158.	4.6	56
49	Encapsulation of Sr-loaded titanate spent adsorbents in potassium aluminosilicate geopolymer. Journal of Nuclear Science and Technology, 2020, 57, 1181-1188.	0.7	12
50	1000 at 1000: Geopolymer technologyâ€”the current state of the art. Journal of Materials Science, 2020, 55, 13487-13489.	1.7	21
51	Automated correction for the movement of suspended particulate in microtomographic data. Chemical Engineering Science, 2020, 223, 115736.	1.9	3
52	RILEM TC 247-DTA round robin test: carbonation and chloride penetration testing of alkali-activated concretes. Materials and Structures/Materiaux Et Constructions, 2020, 53, 1.	1.3	51
53	Modelling chloride transport in alkali-activated slags. Cement and Concrete Research, 2020, 130, 106011.	4.6	20
54	Hydration kinetics and products of MgO-activated blast furnace slag. Construction and Building Materials, 2020, 249, 118700.	3.2	46

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55	Towards designing reactive glasses for alkali activation: Understanding the origins of alkaline reactivity of Na-Mg aluminosilicate glasses. PLoS ONE, 2020, 15, e0244621.	1.1	6
56	Alkali aluminosilicate geopolymers as binders to encapsulate strontium-selective titanate ion-exchangers. Dalton Transactions, 2019, 48, 12116-12126.	1.6	25
57	RILEM TC 247-DTA round robin test: mix design and reproducibility of compressive strength of alkali-activated concretes. Materials and Structures/Materiaux Et Constructions, 2019, 52, 1.	1.3	53
58	Efficient mix design of alkali activated slag concretes based on packing fraction of ingredients and paste thickness. Journal of Cleaner Production, 2019, 218, 438-449.	4.6	41
59	Gaseous carbonation of cementitious backfill for geological disposal of radioactive waste: Nirex Reference Vault Backfill. Applied Geochemistry, 2019, 106, 120-133.	1.4	7
60	Portland Cement Based Immobilization/Destruction of Chemical Weapon Agent Degradation Products. Industrial & Engineering Chemistry Research, 2019, 58, 10383-10393.	1.8	9
61	Recent progress in low-carbon binders. Cement and Concrete Research, 2019, 122, 227-250.	4.6	391
62	High strength/density ratio in a syntactic foam made from one-part mix geopolymer and cenospheres. Composites Part B: Engineering, 2019, 173, 106908.	5.9	53
63	Solid-state nuclear magnetic resonance spectroscopy of cements. Materials Today Advances, 2019, 1, 100007.	2.5	110
64	Geopolymers and Other Alkali-Activated Materials. , 2019, , 779-805.		17
65	Thermodynamic modelling of BFS-PC cements under temperature conditions relevant to the geological disposal of nuclear wastes. Cement and Concrete Research, 2019, 119, 21-35.	4.6	17
66	The Effect of Blast Furnace Slag/Fly Ash Ratio on Setting, Strength, and Shrinkage of Alkali-Activated Pastes and Concretes. Frontiers in Materials, 2019, 6, .	1.2	61
67	Effects of Curing Conditions on Shrinkage of Alkali-Activated High-MgO Swedish Slag Concrete. Frontiers in Materials, 2019, 6, .	1.2	19
68	Editorial: Innovation in Cements for Sustainability. Frontiers in Materials, 2019, 6, .	1.2	1
69	Layered double hydroxides modify the reaction of sodium silicate-activated slag cements. Green Materials, 2019, 7, 52-60.	1.1	8
70	Exploiting in-situ solid-state NMR spectroscopy to probe the early stages of hydration of calcium aluminate cement. Solid State Nuclear Magnetic Resonance, 2019, 99, 1-6.	1.5	25
71	Effect of drying procedures on pore structure and phase evolution of alkali-activated cements. Cement and Concrete Composites, 2019, 96, 194-203.	4.6	95
72	Alkali activation of a high MgO GGBS â€“ fresh and hardened properties. Magazine of Concrete Research, 2018, 70, 1256-1264.	0.9	23

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73	Slag-Based Cements That Resist Damage Induced by Carbon Dioxide. ACS Sustainable Chemistry and Engineering, 2018, 6, 5067-5075.	3.2	39
74	Effect of mix design inputs, curing and compressive strength on the durability of Na2SO4-activated high volume fly ash concretes. Cement and Concrete Composites, 2018, 91, 11-20.	4.6	62
75	New Structural Model of Hydrous Sodium Aluminosilicate Gels and the Role of Charge-Balancing Extra-Framework Al. Journal of Physical Chemistry C, 2018, 122, 5673-5685.	1.5	75
76	Phase Formation and Evolution in Mg(OH)₂â€“Zeolite Cements. Industrial & Engineering Chemistry Research, 2018, 57, 2105-2113.	1.8	12
77	Influence of slag composition on the stability of steel in alkali-activated cementitious materials. Journal of Materials Science, 2018, 53, 5016-5035.	1.7	45
78	Phase evolution of slag-rich cementitious grouts for immobilisation of nuclear wastes. Advances in Cement Research, 2018, 30, 345-360.	0.7	13
79	Alkali-activated materials. Cement and Concrete Research, 2018, 114, 40-48.	4.6	1,030
80	Metakaolin-Based Geopolymers for Nuclear Waste Encapsulation. RILEM Bookseries, 2018, , 183-188.	0.2	7
81	The effect of blast-furnace slag particle size on the hydration of slagâ€“Portland cement grouts at elevated temperatures. Advances in Cement Research, 2018, 30, 337-344.	0.7	6
82	Quantification of the influences of aggregate shape and sampling method on the overestimation of ITZ thickness in cementitious materials. Powder Technology, 2018, 326, 168-180.	2.1	53
83	Characterisation of a high pH cement backfill for the geological disposal of nuclear waste: The Nirex Reference Vault Backfill. Applied Geochemistry, 2018, 89, 180-189.	1.4	26
84	Response to the discussion by Hongyan Ma and Ying Li of the paper â€œCharacterization of magnesium potassium phosphate cement blended with fly ash and ground granulated blast furnace slagâ€• Cement and Concrete Research, 2018, 103, 249-253.	4.6	18
85	Outcomes of the round robin tests of RILEM TC 247-DTA on the durability of alkali-activated concrete. MATEC Web of Conferences, 2018, 199, 02024.	0.1	3
86	Slag and Activator Chemistry Control the Reaction Kinetics of Sodium Metasilicate-Activated Slag Cements. Sustainability, 2018, 10, 4709.	1.6	47
87	Alkali activated slag concretes designed for a desired slump, strength and chloride diffusivity. Construction and Building Materials, 2018, 190, 191-199.	3.2	84
88	Reactivity tests for supplementary cementitious materials: RILEM TC 267-TRM phase 1. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	1.3	144
89	Leaching of Nirex Reference Vault Backfill cement by clay, granite and saline groundwaters. MRS Advances, 2018, 3, 1175-1180.	0.5	2
90	Blast furnace slag-Mg(OH)₂ cements activated by sodium carbonate. RSC Advances, 2018, 8, 23101-23118.	1.7	38

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91	Metakaolin. RILEM State-of-the-Art Reports, 2018, , 153-179.	0.3	6
92	Role of soluble aluminum species in the activating solution for synthesis of silico-aluminophosphate geopolymers. Cement and Concrete Composites, 2018, 93, 186-195.	4.6	58
93	Alkali Activated Slag Mortars Provide High Resistance to Chloride-Induced Corrosion of Steel. Frontiers in Materials, 2018, 5, .	1.2	50
94	Efflorescence and subflorescence induced microstructural and mechanical evolution in fly ash-based geopolymers. Cement and Concrete Composites, 2018, 92, 165-177.	4.6	134
95	Atomistic Simulations of Geopolymer Models: The Impact of Disorder on Structure and Mechanics. ACS Applied Materials & Interfaces, 2018, 10, 22809-22820.	4.0	77
96	Structural Ordering of Aged and Hydrothermally Cured Metakaolin Based Potassium Geopolymers. RILEM Bookseries, 2018, , 232-237.	0.2	2
97	Phase diagrams for alkali-activated slag binders. Cement and Concrete Research, 2017, 95, 30-38.	4.6	155
98	Outcomes of the RILEM round robin on degree of reaction of slag and fly ash in blended cements. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	1.3	101
99	Interactions between Simulant Vitrified Nuclear Wastes and high pH solutions: A Natural Analogue Approach. MRS Advances, 2017, 2, 669-675.	0.5	4
100	Structural evolution of synthetic alkali-activated CaO-MgO-Na 2 O-Al 2 O 3 -SiO 2 materials is influenced by Mg content. Cement and Concrete Research, 2017, 99, 155-171.	4.6	73
101	Uptake of chloride and carbonate by Mg-Al and Ca-Al layered double hydroxides in simulated pore solutions of alkali-activated slag cement. Cement and Concrete Research, 2017, 100, 1-13.	4.6	224
102	Comparison of calorimetric methods for the assessment of slag cement hydration. Advances in Applied Ceramics, 2017, 116, 186-192.	0.6	15
103	Computational modelling of interactions between gold complexes and silicates. Computational and Theoretical Chemistry, 2017, 1101, 113-121.	1.1	11
104	Chloride-induced corrosion of steel rebars in simulated pore solutions of alkali-activated concretes. Cement and Concrete Research, 2017, 100, 385-397.	4.6	148
105	Evaluation of the potential improvement in the environmental footprint of geopolymers using waste-derived activators. Journal of Cleaner Production, 2017, 166, 680-689.	4.6	132
106	Chloride binding and mobility in sodium carbonate-activated slag pastes and mortars. Materials and Structures/Materiaux Et Constructions, 2017, 50, 252.	1.3	52
107	Reproducible mini-slump test procedure for measuring the yield stress of cementitious pastes. Materials and Structures/Materiaux Et Constructions, 2017, 50, 235.	1.3	88
108	Characterization of supplementary cementitious materials by thermal analysis. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	1.3	64

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109	Calorimetric study of geopolymer binders based on natural pozzolan. Journal of Thermal Analysis and Calorimetry, 2017, 127, 2181-2190.	2.0	37
110	Bubble stabilisation improves strength of lightweight mortars. Proceedings of Institution of Civil Engineers: Construction Materials, 2017, 170, 134-140.	0.7	4
111	Alternative inorganic binders based on alkali-activated metallurgical slags. , 2017, , 185-220.		15
112	Leaching assessment as a component of environmental safety and durability analyses for NORM containing building materials. , 2017, , 253-288.		1
113	From NORM by-products to building materials. , 2017, , 183-252.		14
114	Optimum Green Concrete Using Different High Volume Fly Ash Activated Systems. , 2017, , 145-153.		1
115	Calorimetric study of geopolymer binders based on natural pozzolan. , 2017, 127, 2181.		1
116	Activated Hybrid Cementitious System Using Portland Cement and Fly Ash with Na2SO4. , 2017, , 139-144.		0
117	Production and hydration of calcium sulfoaluminate-belite cements derived from aluminium anodising sludge. Construction and Building Materials, 2016, 122, 373-383.	3.2	91
118	Management and valorisation of wastes through use in producing alkaliâ€activated cement materials. Journal of Chemical Technology and Biotechnology, 2016, 91, 2365-2388.	1.6	121
119	Alkali-activation potential of biomass-coal co-fired fly ash. Cement and Concrete Composites, 2016, 73, 62-74.	4.6	46
120	Gamma irradiation resistance of early age Ba(OH)2-Na2SO4-slag cementitious grouts. Journal of Nuclear Materials, 2016, 482, 266-277.	1.3	13
121	Role of Microstructure and Surface Defects on the Dissolution Kinetics of CeO₂, a UO₂ Fuel Analogue. ACS Applied Materials & Interfaces, 2016, 8, 10562-10571.	4.0	56
122	Synthesis of stoichiometrically controlled reactive aluminosilicate and calcium-aluminosilicate powders. Powder Technology, 2016, 297, 17-33.	2.1	40
123	Toward an indexing approach to evaluate fly ashes for geopolymer manufacture. Cement and Concrete Research, 2016, 85, 163-173.	4.6	107
124	Phase evolution of C-(N)-A-S-H/N-A-S-H gel blends investigated via alkali-activation of synthetic calcium aluminosilicate precursors. Cement and Concrete Research, 2016, 89, 120-135.	4.6	256
125	Alkali-activated slag cements produced with a blended sodium carbonate/sodium silicate activator. Advances in Cement Research, 2016, 28, 262-273.	0.7	78
126	Evaluation of activated high volume fly ash systems using Na 2 SO 4 , lime and quicklime in mortars with high loss on ignition fly ashes. Construction and Building Materials, 2016, 128, 248-255.	3.2	75

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127	Optimization of the MgO SiO2 binding system for fiber-cement production with cellulosic reinforcing elements. Materials and Design, 2016, 105, 251-261.	3.3	34
128	Magnesia-Based Cements: A Journey of 150 Years, and Cements for the Future?. Chemical Reviews, 2016, 116, 4170-4204.	23.0	564
129	Phase evolution of Na₂Oâ€“Al₂O₃â€“SiO₂â€“H₂O gels in synthetic aluminosilicate binders. Dalton Transactions, 2016, 45, 5521-5535.	1.6	74
130	Structural evolution of an alkali sulfate activated slag cement. Journal of Nuclear Materials, 2016, 468, 97-104.	1.3	118
131	Valorisation of a kaolin mining waste for the production of geopolymers. Journal of Cleaner Production, 2016, 115, 265-272.	4.6	75
132	Controlling the reaction kinetics of sodium carbonate-activated slag cements using calcined layered double hydroxides. Cement and Concrete Research, 2016, 81, 24-37.	4.6	213
133	A discussion of the papers â€œ Impact of hydrated magnesium carbonate additives on the carbonation of reactive MgO cements â€•and â€œ Enhancing the carbonation of MgO cement porous blocks through improved curing conditions â€, by C. Unluer & A. Al-Tabbaa. Cement and Concrete Research, 2016, 79, 424-426.	4.6	13
134	Gamma irradiation resistance of an early age slag-blended cement matrix for nuclear waste encapsulation. Journal of Materials Research, 2015, 30, 1563-1571.	1.2	26
135	Editorial introduction â€“ Journal of Sustainable Cement-Based Materials special issue on chemically activated materials. Journal of Sustainable Cement-Based Materials, 2015, 4, 73-73.	1.7	0
136	Cement and concrete science. Advances in Applied Ceramics, 2015, 114, 361-361.	0.6	0
137	Editorial: Alkali-activated materials, geopolymers, concrete and sustainability. Magazine of Concrete Research, 2015, 67, 1125-1126.	0.9	0
138	Grand Challenges in Structural Materials. Frontiers in Materials, 2015, 2, .	1.2	21
139	Compositionâ€“solubilityâ€“structure relationships in calcium (alkali) aluminosilicate hydrate (C-(N,K-)A-S-H). Dalton Transactions, 2015, 44, 13530-13544.	1.6	61
140	Milestones in the analysis of alkali-activated binders. Journal of Sustainable Cement-Based Materials, 2015, 4, 74-84.	1.7	15
141	Stoichiometrically controlled Câ€“(A)â€“Sâ€“H/Nâ€“Aâ€“Sâ€“H gel blends via alkali-activation of synthetic precursors. Advances in Applied Ceramics, 2015, 114, 372-377.	0.6	28
142	Evolution of phase assemblage of blended magnesium potassium phosphate cement binders at 200Â° and 1000Â°C. Advances in Applied Ceramics, 2015, 114, 386-392.	0.6	26
143	Identification of the hydrate gel phases present in phosphate-modified calcium aluminate binders. Cement and Concrete Research, 2015, 70, 21-28.	4.6	39
144	Physical characterization methods for supplementary cementitious materials. Materials and Structures/Materiaux Et Constructions, 2015, 48, 3675-3686.	1.3	40

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145	Time-resolved yield stress measurement of evolving materials using a creeping sphere. Rheologica Acta, 2015, 54, 365-376.	1.1	6
146	Characterising the Reaction of Metakaolin in an Alkaline Environment by XPS, and Time- and Spatially-Resolved FTIR Spectroscopy. RILEM Bookseries, 2015, , 299-304.	0.2	5
147	What Happens to 5 Year Old Metakaolin Geopolymersâ€™ the Effect of Alkali Cation. RILEM Bookseries, 2015, , 315-321.	0.2	5
148	Mechanical, thermal insulation, thermal resistance and acoustic absorption properties of geopolymer foam concrete. Cement and Concrete Composites, 2015, 62, 97-105.	4.6	398
149	Advances in understanding alkali-activated materials. Cement and Concrete Research, 2015, 78, 110-125.	4.6	954
150	Thermodynamic modelling of alkali-activated slag cements. Applied Geochemistry, 2015, 61, 233-247.	1.4	160
151	Characterisation of magnesium potassium phosphate cements blended with fly ash and ground granulated blast furnace slag. Cement and Concrete Research, 2015, 74, 78-87.	4.6	234
152	Structure and properties of binder gels formed in the system Mg(OH)₂â€“SiO₂â€“H₂O for immobilisation of Magnox sludge. Dalton Transactions, 2015, 44, 8126-8137.	1.6	102
153	Computational modelling of gold complexes using density functional theory. Computational and Theoretical Chemistry, 2015, 1073, 45-54.	1.1	12
154	Microstructure and durability of alkali-activated materials as key parameters for standardization. Journal of Sustainable Cement-Based Materials, 2015, 4, 116-128.	1.7	59
155	Effect of temperature and aluminium on calcium (alumino)silicate hydrate chemistry under equilibrium conditions. Cement and Concrete Research, 2015, 68, 83-93.	4.6	275
156	The Role of Al in Crossâ€Linking of Alkaliâ€Activated Slag Cements. Journal of the American Ceramic Society, 2015, 98, 996-1004.	1.9	181
157	Oneâ€Part Geopolymers Based on Thermally Treated Red Mud/NaOH Blends. Journal of the American Ceramic Society, 2015, 98, 5-11.	1.9	184
158	Determination of particle size, surface area, and shape of supplementary cementitious materials by different techniques. Materials and Structures/Materiaux Et Constructions, 2015, 48, 3687-3701.	1.3	95
159	Accelerated carbonation testing of alkali-activated slag/metakaolin blended concretes: effect of exposure conditions. Materials and Structures/Materiaux Et Constructions, 2015, 48, 653-669.	1.3	79
160	Role of carbonates in the chemical evolution of sodium carbonate-activated slag binders. Materials and Structures/Materiaux Et Constructions, 2015, 48, 517-529.	1.3	186
161	Performance at high temperature of alkali-activated slag pastes produced with silica fume and rice husk ash based activators. Materiales De Construccion, 2015, 65, e049.	0.2	60
162	El contenido de agua modifica el desarrollo estructural de cementantes de escoria activada con metasilicato de sodio. Revista ALCONPAT, 2015, 5, 31-43.	0.2	0

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163	Alumina. , 2015, , 1-4.		0
164	Cementitious binders in the system Mg(OH)₂â€“NaAlO₂â€“SiO₂â€“H₂O. Advances in Applied Ceramics, 2014, 113, 496-501.	0.6	4
165	Chemical characterisation of metakaolin and fly ash based geopolymers during exposure to solvents used in carbon capture. International Journal of Greenhouse Gas Control, 2014, 27, 255-266.	2.3	19
166	Other Potential Applications for Alkali-Activated Materials. RILEM State-of-the-Art Reports, 2014, , 339-379.	0.3	11
167	Phosphate modification of calcium aluminate cement to enhance stability for immobilisation of metallic wastes. Advances in Applied Ceramics, 2014, 113, 453-459.	0.6	16
168	Green concrete or red herring? â€“ future of alkali-activated materials. Advances in Applied Ceramics, 2014, 113, 472-477.	0.6	56
169	Modification of phase evolution in alkali-activated blast furnace slag by the incorporation of fly ash. Cement and Concrete Composites, 2014, 45, 125-135.	4.6	806
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