

# Tung-Chai Ling

## List of Publications by Year in Descending Order

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

142  
papers

5,137  
citations

42  
h-index

68  
g-index

145  
ext. papers

6,767  
ext. citations

6.7  
avg, IF

6.8  
L-index

#	Paper	IF	Citations
142	Utilization of coal fly ash and bottom ash in brick and block products <b>2022</b> , 355-371		
141	Effects of CO <sub>2</sub> curing treatment on alkali-silica reaction of mortars containing glass aggregate. <i>Construction and Building Materials</i> , <b>2022</b> , 323, 126637	6.7	0
140	Upcycling of wastes for sustainable controlled low-strength material: A review on strength and excavatability.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	0
139	Offsetting strength loss in concrete via ITZ enhancement: From the perspective of utilizing new alternative aggregate. <i>Cement and Concrete Composites</i> , <b>2022</b> , 127, 104385	8.6	1
138	Effects of accelerated carbonation and high temperatures exposure on the properties of EAFS and BOFS pressed blocks. <i>Journal of Building Engineering</i> , <b>2022</b> , 45, 103504	5.2	1
137	CO pretreatment of municipal solid waste incineration fly ash and its feasible use as supplementary cementitious material. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 424, 127457	12.8	6
136	Environmental benefit assessment of steel slag utilization and carbonation: A systematic review. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 150280	10.2	10
135	Upcycling coal- and soft-series metakaolin in blended cement with limestone. <i>Construction and Building Materials</i> , <b>2022</b> , 327, 126965	6.7	1
134	Report of RILEM TC 281-CCC: outcomes of a round robin on the resistance to accelerated carbonation of Portland, Portland-fly ash and blast-furnace blended cements.. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2022</b> , 55, 99	3.4	0
133	Use of luminescent-glass aggregates for the production of decorative architectural mortar. <i>Journal of Building Engineering</i> , <b>2022</b> , 50, 104233	5.2	0
132	Upcycling of waste hydrated cement paste containing high-volume supplementary cementitious materials via CO <sub>2</sub> pre-treatment. <i>Journal of Building Engineering</i> , <b>2022</b> , 52, 104396	5.2	0
131	Influence of kaolinite content in coal-series metakaolin and soft metakaolin on the performance of cement blends with and without limestone. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2022</b> , 55, 1	3.4	0
130	Effects of moulding pressure and w/c induced pore water saturation on the CO <sub>2</sub> curing efficiency of dry-mix cement blocks. <i>Construction and Building Materials</i> , <b>2022</b> , 335, 127509	6.7	0
129	High-temperature CO <sub>2</sub> for accelerating the carbonation of recycled concrete fines. <i>Journal of Building Engineering</i> , <b>2022</b> , 52, 104526	5.2	3
128	Use of CO <sub>2</sub> -active BOFS binder in the production of artificial aggregates with waste concrete powder. <i>Resources, Conservation and Recycling</i> , <b>2022</b> , 182, 106332	11.9	1
127	Investigation on the copper ion removal potential of a facile-fabricated foamed geopolymer sphere for wastewater remediation. <i>Cleaner Materials</i> , <b>2022</b> , 4, 100088		4
126	Response surface methodology for the optimization of CO <sub>2</sub> uptake using waste concrete powder. <i>Construction and Building Materials</i> , <b>2022</b> , 340, 127758	6.7	2

125	A review of elevated-temperature properties of alternative binders: Supplementary cementitious materials and alkali-activated materials. <i>Construction and Building Materials</i> , <b>2022</b> , 341, 127894	6.7	0
124	Recycling Bayer and sintering red muds in brick production: a review. <i>Journal of Zhejiang University: Science A</i> , <b>2022</b> , 23, 335-357	2.1	0
123	Synthesis of high belite sulfoaluminate cement with high volume of mixed solid wastes. <i>Cement and Concrete Research</i> , <b>2022</b> , 158, 106845	10.3	0
122	Waste press mud in enhancing the performance of glass powder blended cement. <i>Construction and Building Materials</i> , <b>2021</b> , 313, 125469	6.7	2
121	Progress in developing self-consolidating concrete (SCC) constituting recycled concrete aggregates: A review. <i>International Journal of Minerals, Metallurgy and Materials</i> , <b>2021</b> , 28, 522-537	3.1	3
120	Highly-efficient green photocatalytic cementitious materials with robust weathering resistance: From laboratory to application. <i>Environmental Pollution</i> , <b>2021</b> , 273, 116510	9.3	3
119	Stress-strain behaviour of cement mortars containing recycled glass during and after exposure to elevated temperatures. <i>Cement and Concrete Composites</i> , <b>2021</b> , 118, 103970	8.6	6
118	CO2 Treatment of Hydrated Cement Powder: Characterization and Application Consideration. <i>Journal of Materials in Civil Engineering</i> , <b>2021</b> , 33, 04021041	3	15
117	Roles of CO2 curing induced calcium carbonates on high temperature properties of dry-mixed cement paste. <i>Construction and Building Materials</i> , <b>2021</b> , 289, 123193	6.7	4
116	Effect of particle size and CO2 treatment of waste cement powder on properties of cement paste. <i>Canadian Journal of Civil Engineering</i> , <b>2021</b> , 48, 522-531	1.3	9
115	Examining the Influence of Recycled Concrete Aggregate on the Hardened Properties of Self-compacting Concrete. <i>Waste and Biomass Valorization</i> , <b>2021</b> , 12, 1133-1141	3.2	5
114	Alkali-silica reactivity of lightweight aggregate: A brief overview. <i>Construction and Building Materials</i> , <b>2021</b> , 270, 121444	6.7	3
113	Raman spectroscopy as a tool to understand the mechanism of concrete durability: A review. <i>Construction and Building Materials</i> , <b>2021</b> , 268, 121079	6.7	9
112	Recent advances in artificial aggregate production. <i>Journal of Cleaner Production</i> , <b>2021</b> , 291, 125215	10.3	12
111	Lightweight foamed concrete as a promising avenue for incorporating waste materials: A review. <i>Resources, Conservation and Recycling</i> , <b>2021</b> , 164, 105103	11.9	40
110	Synergistic Effect of Pre-carbonated Slurry and Mixing Sequence on the Performance of Self-compacting Recycled Aggregate Modified Mortar. <i>Waste and Biomass Valorization</i> , <b>2021</b> , 12, 5201-5210	3.2	3
109	Effect of water-to-cement ratio induced hydration on the accelerated carbonation of cement pastes. <i>Environmental Pollution</i> , <b>2021</b> , 280, 116914	9.3	10
108	Interdependent factors contributing towards carbonation of steel slag compact: consideration of casting pressure, water dosage and carbonation duration. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2021</b> , 54, 1	3.4	2

107	Comparative life cycle assessment to maximize CO2 sequestration of steel slag products. <i>Construction and Building Materials</i> , <b>2021</b> , 298, 123876	6.7	11
106	Synergic performance of low-kaolinite calcined coal gangue blended with limestone in cement mortars. <i>Construction and Building Materials</i> , <b>2021</b> , 300, 124012	6.7	4
105	Roles of chlorine and sulphate in MSWIFA in GGBFS binder: Hydration, mechanical properties and stabilization considerations. <i>Environmental Pollution</i> , <b>2021</b> , 284, 117175	9.3	6
104	Use of steel slag as sustainable construction materials: A review of accelerated carbonation treatment. <i>Resources, Conservation and Recycling</i> , <b>2021</b> , 173, 105740	11.9	32
103	Elucidating the dominant and interaction effects of temperature, CO2 pressure and carbonation time in carbonating steel slag blocks. <i>Construction and Building Materials</i> , <b>2021</b> , 302, 124158	6.7	8
102	Synthesis of porous geopolymer sphere for Ni(II) removal. <i>Ceramics International</i> , <b>2021</b> , 47, 29055-29063	5.1	8
101	Effect of direct carbonation routes of basic oxygen furnace slag (BOFS) on strength and hydration of blended cement paste. <i>Construction and Building Materials</i> , <b>2021</b> , 304, 124628	6.7	4
100	Understanding the compressive strength degradation mechanism of cement-paste incorporating phase change material. <i>Cement and Concrete Composites</i> , <b>2021</b> , 124, 104249	8.6	0
99	Comparative study on the properties and high temperature resistance of self-compacting concrete with various types of recycled aggregates. <i>Case Studies in Construction Materials</i> , <b>2021</b> , 15, e00678	2.7	3
98	Ultra-fine sediment of Changjiang estuary as binder replacement in self-compacting mortar: Rheological, hydration and hardened properties. <i>Journal of Building Engineering</i> , <b>2021</b> , 44, 103251	5.2	2
97	Impact of CO2 curing on the microhardness and strength of 0.35 w/c cement paste: Comparative study of internal/surface layers. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 11849-11860	5.5	8
96	Valorization of waste powders from cement-concrete life cycle: A pathway to circular future. <i>Journal of Cleaner Production</i> , <b>2020</b> , 268, 122358	10.3	40
95	CO2 mineralization and utilization by alkaline solid wastes for potential carbon reduction. <i>Nature Sustainability</i> , <b>2020</b> , 3, 399-405	22.1	66
94	Current development of geopolymer as alternative adsorbent for heavy metal removal. <i>Environmental Technology and Innovation</i> , <b>2020</b> , 18, 100684	7	57
93	Strength enhancement of artificial aggregate prepared with waste concrete powder and its impact on concrete properties. <i>Journal of Cleaner Production</i> , <b>2020</b> , 257, 120515	10.3	23
92	Sound absorption performance of modified concrete: A review. <i>Journal of Building Engineering</i> , <b>2020</b> , 30, 101219	5.2	20
91	High temperature performance of wet-mix and dry-mix mortars prepared with different contents and size gradings of glass aggregates: Hot test and cold test. <i>Cement and Concrete Composites</i> , <b>2020</b> , 108, 103548	8.6	4
90	Instant CO2 curing for dry-mix pressed cement pastes: Consideration of CO2 concentrations coupled with further water curing. <i>Journal of CO2 Utilization</i> , <b>2020</b> , 38, 348-354	7.6	20

89	Experimental Study on Clay Brick Masonry Assemblies Strengthened with Basalt Textile Reinforced Mortar. <i>Journal of Testing and Evaluation</i> , <b>2020</b> , 48, 20170792	1	0
88	Utilization of recycled concrete fines and powders to produce alkali-activated slag concrete blocks. <i>Journal of Cleaner Production</i> , <b>2020</b> , 267, 122115	10.3	28
87	Functions and impacts of plastic/rubber wastes as eco-friendly aggregate in concrete [A review]. <i>Construction and Building Materials</i> , <b>2020</b> , 240, 117869	6.7	60
86	Towards carbon-neutral construction materials: Carbonation of cement-based materials and the future perspective. <i>Journal of Building Engineering</i> , <b>2020</b> , 28, 101062	5.2	26
85	Reactivity activation of waste coal gangue and its impact on the properties of cement-based materials [A review]. <i>Construction and Building Materials</i> , <b>2020</b> , 234, 117424	6.7	51
84	Production of artificial aggregates from steel-making slag: Influences of accelerated carbonation during granulation and/or post-curing. <i>Journal of CO2 Utilization</i> , <b>2020</b> , 36, 135-144	7.6	25
83	Thermal performance of a solar energy storage concrete panel incorporating phase change material aggregates developed for thermal regulation in buildings. <i>Renewable Energy</i> , <b>2020</b> , 160, 817-829	8.1	21
82	CO2 sequestration of fresh concrete slurry waste: Optimization of CO2 uptake and feasible use as a potential cement binder. <i>Journal of CO2 Utilization</i> , <b>2020</b> , 42, 101330	7.6	26
81	Study on the use of lightweight expanded perlite and vermiculite aggregates in blended cement mortars. <i>European Journal of Environmental and Civil Engineering</i> , <b>2020</b> , 1-20	1.5	6
80	Development of leak-free phase change material aggregates. <i>Construction and Building Materials</i> , <b>2020</b> , 230, 117029	6.7	12
79	Development of lightweight aggregate mortar skin layer for an innovative sandwich concrete composite. <i>Journal of Building Engineering</i> , <b>2020</b> , 27, 100941	5.2	4
78	Rapid hydration mechanism of carbonic acid and cement. <i>Journal of Building Engineering</i> , <b>2020</b> , 31, 101357	5.2	0
77	Cement pastes modified with recycled glass and supplementary cementitious materials: Properties at the ambient and high temperatures. <i>Journal of Cleaner Production</i> , <b>2019</b> , 241, 118155	10.3	14
76	Combining hydration and carbonation of cement using super-saturated aqueous CO2 solution. <i>Construction and Building Materials</i> , <b>2019</b> , 229, 116825	6.7	9
75	Distribution of ASR gel in conventional wet-mix glass mortars and mechanically produced dry-mix glass blocks. <i>Construction and Building Materials</i> , <b>2019</b> , 229, 116916	6.7	7
74	Thermal efficiency and durability performances of paraffinic phase change materials with enhanced thermal conductivity [A review]. <i>Thermochimica Acta</i> , <b>2019</b> , 673, 198-210	2.9	46
73	A review of microencapsulated and composite phase change materials: Alteration of strength and thermal properties of cement-based materials. <i>Renewable and Sustainable Energy Reviews</i> , <b>2019</b> , 110, 467-484	16.2	79
72	A critical review of waste glass powder - Multiple roles of utilization in cement-based materials and construction products. <i>Journal of Environmental Management</i> , <b>2019</b> , 242, 440-449	7.9	71

71	Waste resources recycling in controlled low-strength material (CLSM): A critical review on plastic properties. <i>Journal of Environmental Management</i> , <b>2019</b> , 241, 383-396	7.9	28
70	Influence of particle size of glass aggregates on the high temperature properties of dry-mix concrete blocks. <i>Construction and Building Materials</i> , <b>2019</b> , 209, 522-531	6.7	24
69	Enhancement of high temperature performance of cement blocks via CO curing. <i>Science of the Total Environment</i> , <b>2019</b> , 671, 827-837	10.2	22
68	Turning concrete waste powder into carbonated artificial aggregates. <i>Construction and Building Materials</i> , <b>2019</b> , 199, 178-184	6.7	32
67	Autoclaved Lime-Saline Soil Products: Reactivity Assessments and Effects of Quartz Sand. <i>Journal of Materials in Civil Engineering</i> , <b>2018</b> , 30, 04018055	3	
66	Chemical evolution of alkali-silicate reaction (ASR) products: a Raman spectroscopic investigation. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2018</b> , 51, 1	3.4	7
65	Performance of mortar prepared with recycled concrete aggregate enhanced by CO <sub>2</sub> and pozzolan slurry. <i>Cement and Concrete Composites</i> , <b>2018</b> , 86, 130-138	8.6	95
64	Durability of recycled aggregate concrete – A review. <i>Cement and Concrete Composites</i> , <b>2018</b> , 89, 251-259	8.6	283
63	Valorization of Wastes from Power Plant, Steel-Making and Palm Oil Industries as Partial Sand Substitute in Concrete. <i>Waste and Biomass Valorization</i> , <b>2018</b> , 9, 1645-1654	3.2	9
62	Global perspective on application of controlled low-strength material (CLSM) for trench backfilling – An overview. <i>Construction and Building Materials</i> , <b>2018</b> , 158, 535-548	6.7	37
61	Recycling difficult-to-treat e-waste cathode-ray-tube glass as construction and building materials: A critical review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 81, 595-604	16.2	66
60	Characteristics of steel slags and their use in cement and concrete – A review. <i>Resources, Conservation and Recycling</i> , <b>2018</b> , 136, 187-197	11.9	265
59	Recycling of wastes for value-added applications in concrete blocks: An overview. <i>Resources, Conservation and Recycling</i> , <b>2018</b> , 138, 298-312	11.9	89
58	Incorporation of expanded vermiculite lightweight aggregate in cement mortar. <i>Construction and Building Materials</i> , <b>2018</b> , 179, 302-306	6.7	33
57	Carbon dioxide sequestration on recycled aggregates <b>2018</b> , 247-277		3
56	An Overview: Reaction Mechanisms and Modelling of CO <sub>2</sub> Utilization via Mineralization. <i>Aerosol and Air Quality Research</i> , <b>2018</b> , 18, 829-848	4.6	28
55	Carbon footprint of block prepared with recycled aggregate: a case study in China. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 431, 032009	0.4	4
54	Thermal and durability performances of mortar and concrete containing phase change materials. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 431, 062001	0.4	3

53	Potential Use of Calcined Kaolinite-Based Wastes as Cement Replacements in Concrete [An Overview. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 431, 032006	0.4	1
52	Potential use of brick waste as alternate concrete-making materials: A review. <i>Journal of Cleaner Production</i> , <b>2018</b> , 195, 226-239	10.3	73
51	Alternative Cementitious Materials and Their Composites. <i>Advances in Materials Science and Engineering</i> , <b>2018</b> , 2018, 1-2	1.5	1
50	A review on surface treatment for concrete [Part 2: Performance. <i>Construction and Building Materials</i> , <b>2017</b> , 133, 81-90	6.7	105
49	Overview of supplementary cementitious materials usage in lightweight aggregate concrete. <i>Construction and Building Materials</i> , <b>2017</b> , 139, 403-418	6.7	49
48	Mechanical strength and durability performance of autoclaved lime-saline soil brick. <i>Construction and Building Materials</i> , <b>2017</b> , 146, 403-409	6.7	17
47	Potential of CO <sub>2</sub> sequestration through construction and demolition (C&D) waste[An overview. <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2017</b> , 20, 234-242	7.6	91
46	Spent fluorescent lamp glass as a substitute for fine aggregate in cement mortar. <i>Journal of Cleaner Production</i> , <b>2017</b> , 161, 646-654	10.3	22
45	Investigation on electrically conductive aggregates produced by incorporating carbon fiber and carbon black. <i>Construction and Building Materials</i> , <b>2017</b> , 144, 106-114	6.7	29
44	A review on concrete surface treatment Part I: Types and mechanisms. <i>Construction and Building Materials</i> , <b>2017</b> , 132, 578-590	6.7	178
43	Photocatalytic NO <sub>x</sub> degradation of concrete surface layers intermixed and spray-coated with nano-TiO <sub>2</sub> : Influence of experimental factors. <i>Cement and Concrete Composites</i> , <b>2017</b> , 83, 279-289	8.6	53
42	Utilizing high volumes quarry wastes in the production of lightweight foamed concrete. <i>Construction and Building Materials</i> , <b>2017</b> , 151, 441-448	6.7	55
41	Precast architectural tiles produced by double-layer casting method. <i>Cement and Concrete Composites</i> , <b>2016</b> , 66, 73-81	8.6	3
40	Effects of a two-step heating process on the properties of lightweight aggregate prepared with sewage sludge and saline clay. <i>Construction and Building Materials</i> , <b>2016</b> , 114, 119-126	6.7	18
39	Properties of concrete prepared with waste tyre rubber particles of uniform and varying sizes. <i>Journal of Cleaner Production</i> , <b>2015</b> , 91, 288-296	10.3	175
38	Effects of recycled glass on properties of architectural mortar before and after exposure to elevated temperatures. <i>Journal of Cleaner Production</i> , <b>2015</b> , 101, 158-164	10.3	55
37	Properties of Foamed Mortar Prepared with Granulated Blast-Furnace Slag. <i>Materials</i> , <b>2015</b> , 8, 462-473	3.5	25
36	Strength and toughness of lightweight foamed concrete with different sand grading. <i>KSCE Journal of Civil Engineering</i> , <b>2015</b> , 19, 2191-2197	1.9	30

35	Addendum: Zhao, X.; et al. Properties of Foamed Mortar Prepared with Granulated Blast-furnace Slag. <i>Materials</i> 2015, 8(2), 462-473. <i>Materials</i> , <b>2015</b> , 8, 3958-3959	3.5	78
34	Feasible use of large volumes of GGBS in 100% recycled glass architectural mortar. <i>Cement and Concrete Composites</i> , <b>2014</b> , 53, 350-356	8.6	43
33	High temperatures properties of barite concrete with cathode ray tube funnel glass. <i>Fire and Materials</i> , <b>2014</b> , 38, 279-289	1.8	19
32	Use of CRT funnel glass in concrete blocks prepared with different aggregate-to-cement ratios. <i>Green Materials</i> , <b>2014</b> , 2, 43-51	3.2	22
31	Use of recycled CRT funnel glass as fine aggregate in dry-mixed concrete paving blocks. <i>Journal of Cleaner Production</i> , <b>2014</b> , 68, 209-215	10.3	109
30	Stress-strain behaviour of fire exposed self-compacting glass concrete. <i>Fire and Materials</i> , <b>2013</b> , 37, 297-310	3.0	15
29	X-ray radiation shielding properties of cement mortars prepared with different types of aggregates. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2013</b> , 46, 1133-1141	3.4	29
28	Effects of particle size of treated CRT funnel glass on properties of cement mortar. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2013</b> , 46, 25-34	3.4	60
27	Properties of mortar prepared with recycled cathode ray tube funnel glass sand at different mineral admixture. <i>Construction and Building Materials</i> , <b>2013</b> , 40, 951-960	6.7	42
26	Use of phase change materials for thermal energy storage in concrete: An overview. <i>Construction and Building Materials</i> , <b>2013</b> , 46, 55-62	6.7	233
25	Utilizing recycled cathode ray tube funnel glass sand as river sand replacement in the high-density concrete. <i>Journal of Cleaner Production</i> , <b>2013</b> , 51, 184-190	10.3	78
24	Nano-TiO <sub>2</sub> -based architectural mortar for NO removal and bacteria inactivation: Influence of coating and weathering conditions. <i>Cement and Concrete Composites</i> , <b>2013</b> , 36, 101-108	8.6	71
23	Properties of partition wall blocks prepared with high percentages of recycled clay brick after exposure to elevated temperatures. <i>Construction and Building Materials</i> , <b>2013</b> , 49, 56-61	6.7	29
22	Effects of recycled fine glass aggregates on the properties of dry-mixed concrete blocks. <i>Construction and Building Materials</i> , <b>2013</b> , 38, 638-643	6.7	72
21	Management and recycling of waste glass in concrete products: Current situations in Hong Kong. <i>Resources, Conservation and Recycling</i> , <b>2013</b> , 70, 25-31	11.9	97
20	Effects of compaction method and rubber content on the properties of concrete paving blocks. <i>Construction and Building Materials</i> , <b>2012</b> , 28, 164-175	6.7	66
19	A comparative study on the feasible use of recycled beverage and CRT funnel glass as fine aggregate in cement mortar. <i>Journal of Cleaner Production</i> , <b>2012</b> , 29-30, 46-52	10.3	113
18	Utilization of recycled cathode ray tubes glass in cement mortar for X-ray radiation-shielding applications. <i>Journal of Hazardous Materials</i> , <b>2012</b> , 199-200, 321-7	12.8	62



17	Strength properties of self-compacting mortar mixed with GGBFS. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , <b>2012</b> , 165, 87-98	0.8	10
16	Feasible use of recycled CRT funnel glass as heavyweight fine aggregate in barite concrete. <i>Journal of Cleaner Production</i> , <b>2012</b> , 33, 42-49	10.3	78
15	Development of a method for recycling of CRT funnel glass. <i>Environmental Technology (United Kingdom)</i> , <b>2012</b> , 33, 2531-7	2.6	30
14	TiO <sub>2</sub> -based self-compacting glass mortar: Comparison of photocatalytic nitrogen oxide removal and bacteria inactivation. <i>Building and Environment</i> , <b>2012</b> , 53, 1-6	6.5	54
13	Influence of recycled glass content and curing conditions on the properties of self-compacting concrete after exposure to elevated temperatures. <i>Cement and Concrete Composites</i> , <b>2012</b> , 34, 265-272	8.6	81
12	Use of wastes derived from earthquakes for the production of concrete masonry partition wall blocks. <i>Waste Management</i> , <b>2011</b> , 31, 1859-66	8.6	46
11	Utilization of recycled glass derived from cathode ray tube glass as fine aggregate in cement mortar. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 192, 451-6	12.8	125
10	Feasibility of using recycled glass in architectural cement mortars. <i>Cement and Concrete Composites</i> , <b>2011</b> , 33, 848-854	8.6	99
9	Effects of crushed glass cullet sizes, casting methods and pozzolanic materials on ASR of concrete blocks. <i>Construction and Building Materials</i> , <b>2011</b> , 25, 2611-2618	6.7	125
8	Prediction of density and compressive strength for rubberized concrete blocks. <i>Construction and Building Materials</i> , <b>2011</b> , 25, 4303-4306	6.7	69
7	Properties of architectural mortar prepared with recycled glass with different particle sizes. <i>Materials &amp; Design</i> , <b>2011</b> , 32, 2675-2684		112
6	Long-term strength of rubberised concrete paving blocks. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , <b>2010</b> , 163, 19-26	0.8	15
5	Using recycled waste tyres in concrete paving blocks. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , <b>2010</b> , 163, 37-45	0.5	21
4	GGBFS as potential filler in polyester grout: Flexural strength and toughness. <i>Construction and Building Materials</i> , <b>2009</b> , 23, 2007-2015	6.7	9
3	Properties of Crumb Rubber Concrete Paving Blocks with SBR Latex. <i>Road Materials and Pavement Design</i> , <b>2009</b> , 10, 213-222	2.6	25
2	Laboratory performance of crumb rubber concrete block pavement. <i>International Journal of Pavement Engineering</i> , <b>2009</b> , 10, 361-374	2.6	33
1	Properties of Crumb Rubber Concrete Paving Blocks with SBR Latex		3