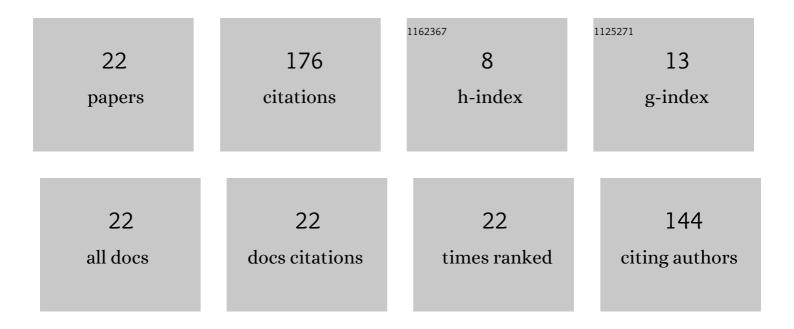
Taewan Kim

List of Publications by Year in descending order

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TAEWAN KIM

#	Article	IF	CITATIONS
1	Application and development of reverse osmosis brine in building materials: high-volume slag cement. Journal of Sustainable Cement-Based Materials, 2023, 12, 501-515.	1.7	0
2	Effect of reverse-osmosis brine and sodium aluminate on the hydration properties and strength of alkali-activated slag cement. Case Studies in Construction Materials, 2022, 16, e01078.	0.8	0
3	Development of Eco-Friendly Cement Using a Calcium Sulfoaluminate Expansive Agent Blended with Slag and Silica Fume. Applied Sciences (Switzerland), 2021, 11, 394.	1.3	10
4	Investigation of the Effect of Mixing Time on the Mechanical Properties of Alkali-Activated Cement Mixed with Fly Ash and Slag. Materials, 2021, 14, 2301.	1.3	2
5	Influence of seawater on alkali-activated slag concrete. Materials and Structures/Materiaux Et Constructions, 2021, 54, 1.	1.3	10
6	Characteristics of alkali-activated slag cement-based ultra-lightweight concrete with high-volume cenosphere. Construction and Building Materials, 2021, 302, 124165.	3.2	10
7	Behavior of Multiple Blocks Mounted Underwater Using Fluid-Structure Interaction and Contact Analysis. Journal of Coastal Research, 2021, 114, .	0.1	0
8	Development and Characteristics of Aerated Alkali-Activated Slag Cement Mixed with Zinc Powder. Materials, 2021, 14, 6293.	1.3	6
9	Pore and strength characteristics of alkali-activated slag paste with seawater. Magazine of Concrete Research, 2020, 72, 499-508.	0.9	15
10	Chloride-bearing characteristics of alkali-activated slag mixed with seawater: Effect of different salinity levels. Cement and Concrete Composites, 2020, 112, 103680.	4.6	28
11	The Effects of Aluminium Sulphate on Slag Paste Activated with Sodium Hydroxide and Sodium Silicate. Materials, 2020, 13, 2286.	1.3	2
12	The Mechanical Properties of Alkali-Activated Slag-Silica Fume Cement Pastes by Mixing Method. International Journal of Concrete Structures and Materials, 2020, 14, .	1.4	8
13	Investigation of the Effects of Magnesium-Sulfate as Slag Activator. Materials, 2020, 13, 305.	1.3	4
14	Strength and pore characteristics of OPC-slag cement paste mixed with polyaluminum chloride. Construction and Building Materials, 2019, 223, 616-628.	3.2	33
15	Investigating the Effects of Polyaluminum Chloride on the Properties of Ordinary Portland Cement. Materials, 2019, 12, 3290.	1.3	3
16	Hydration of Calcium Sulfoaluminate-Based Binder Incorporating Red Mud and Silica Fume. Applied Sciences (Switzerland), 2019, 9, 2270.	1.3	6
17	Curable Area Substantiation of Self-Healing in Concrete Using Neutral Axis. Applied Sciences (Switzerland), 2019, 9, 1537.	1.3	1
18	Properties of Alkali-Activated Slag Paste Using New Colloidal Nano-Silica Mixing Method. Materials, 2019, 12, 1571.	1.3	12

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#	Article	IF	CITATIONS
19	Characteristics of Ordinary Portland Cement Using the New Colloidal Nano-Silica Mixing Method. Applied Sciences (Switzerland), 2019, 9, 4358.	1.3	8
20	The effects of polyaluminum chloride on the mechanical and microstructural properties of alkali-activated slag cement paste. Cement and Concrete Composites, 2019, 96, 46-54.	4.6	16
21	Mechanical Properties of Na ₂ CO ₃ -Activated High-Volume GCBFS Cement Paste. Advances in Civil Engineering, 2018, 2018, 1-9.	0.4	1
22	The compressive strength and microstructural properties of alkali-activated slag cement mixed with zinc oxide. Magazine of Concrete Research, 0, , 1-32.	0.9	1