Wei-Ting Lin

List of Publications by Year
in descending order

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65 papers	1,072 citations	430754 18 h-index	477173 29 g-index
65 all docs	65 docs citations	65 times ranked	849 citing authors

#	Article	IF	Citations
1	Fracture Behavior of Long Fiber Reinforced Geopolymer Composites at Different Operating Temperatures. Materials, 2022, 15, 482.	1.3	13
2	Development of Geopolymers Based on Fly Ashes from Different Combustion Processes. Polymers, 2022, 14, 1954.	2.0	12
3	Optimizing the L/S Ratio in Geopolymers for the Production of Large-Size Elements with 3D Printing Technology. Materials, 2022, 15, 3362.	1.3	6
4	Micro-characterizations and geopolymerization mechanism of ternary cementless composite with reactive ultra-fine fly ash, red mud and recycled powder. Construction and Building Materials, 2022, 343, 128091.	3.2	21
5	Performance of Green Concrete and Inorganic Coating Materials. Materials, 2021, 14, 832.	1.3	6
6	Molecular sieve material from liquidâ€“crystal-display waste glass and silicon carbide sludge via hydrothermal process with alkali fusion pretreatment. Journal of Material Cycles and Waste Management, 2021, 23, 1081-1089.	1.6	1
7	Comparative Analysis Between Fly Ash Geopolymer and Reactive Ultra-Fine Fly Ash Geopolymer. International Journal of Engineering and Technology Innovation, 2021, 11, 161-170.	0.5	4
8	A study on the mixed properties of green controlled low strength cementitious. Materials Science-Poland, 2021, 39, 59-74.	0.4	4
9	The Effect of Incorporating Ultra-Fine Spherical Particles on Rheology and Engineering Properties of Commercial Ultra-High-Performance Grout. Crystals, 2021, 11, 1040.	1.0	3
10	Effect of NaOH concentration on properties and microstructure of a novel reactive ultra-fine fly ash geopolymer. Advanced Powder Technology, 2021, 32, 2929-2939.	2.0	38
11	Mechanical and Fracture Properties of Long Fiber Reinforced Geopolymer Composites. Materials, 2021, 14, 5183.	1.3	24
12	Determination of the Influence of Hydraulic Additives on the Foaming Process and Stability of the Produced Geopolymer Foams. Materials, 2021, 14, 5090.	1.3	19
13	Review of Solutions for the Use of Phase Change Materials in Geopolymers. Materials, 2021, 14, 6044.	1.3	11
14	Recycling of Mechanically Ground Wind Turbine Blades as Filler in Geopolymer Composite. Materials, 2021, 14, 6539.	1.3	8
15	Recycling of Silicon Carbide Sludge on the Preparation and Characterization of Lightweight Foamed Geopolymer Materials. Polymers, 2021, 13, 4029.	2.0	3
16	Mechanical Properties of Short Polymer Fiber-Reinforced Geopolymer Composites. Journal of Composites Science, 2020, 4, 128.	1.4	46
17	Microstructures and mechanical properties of sodium-silicate-activated slag/co-fired fly ash cementless composites. Journal of Cleaner Production, 2020, 277, 124025.	4.6	20
18	Utilization of Silicon Carbide Sludge as Metakaolin-Based Geopolymer Materials. Sustainability, 2020, 12, 7333.	1.6	8

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19	Reactive ultra-fine fly ash as an additive for cement-based materials. Materials Today Communications, 2020, 25, 101466.	0.9	11
20	Corrosion assessment for spent nuclear fuel disposal in crystalline rock, using variant cases of hydrogeological modeling. Nuclear Science and Techniques/Hewuli, 2020, 31, 1.	1.3	2
21	Influence of SiC Sludge on the Microstructure of Geopolymers. Materials, 2020, 13, 2203.	1.3	7
22	Recycling of light-emitting diode waste quartz sand as a pozzolanic material. Journal of Cleaner Production, 2020, 258, 120683.	4.6	3
23	Effects of sand/aggregate ratio on strength, durability, and microstructure of self-compacting concrete. Construction and Building Materials, 2020, 242, 118046.	3.2	28
24	Mechanical Properties of Short Fiber-Reinforced Geopolymers Made by Casted and 3D Printing Methods: A Comparative Study. Materials, 2020, 13, 579.	1.3	40
25	Composite Properties of Non-Cement Blended Fiber Composites without Alkali Activator. Materials, 2020, 13, 1443.	1.3	6
26	Engineering Properties of Ternary Cementless Blended Materials. International Journal of Engineering and Technology Innovation, 2020, 10, 191-199.	0.5	6
27	Feasibility and Characterization Mortar Blended with High-Amount Basic Oxygen Furnace Slag. Materials, 2019, 12, 6.	1.3	14
28	Self-Heating Ability of Geopolymers Enhanced by Carbon Black Admixtures at Different Voltage Loads. Energies, 2019, 12, 4121.	1.6	14
29	Circulation Fluidized Bed Combustion Fly Ash as Partial Replacement of Fine Aggregates in Roller Compacted Concrete. Materials, 2019, 12, 4204.	1.3	16
30	Characterization and permeability of cement-based materials containing calcium fluoride sludge. Construction and Building Materials, 2019, 196, 564-573.	3.2	12
31	Pore-structures and durability of concrete containing pre-coated fine recycled mixed aggregates using pozzolan and polyvinyl alcohol materials. Construction and Building Materials, 2018, 160, 278-292.	3.2	60
32	Effect of Mixture Variables on Durability for Alkali-Activated Slag Cementitious. Materials, 2018, 11, 2252.	1.3	5
33	Properties of Controlled Low Strength Material with Circulating Fluidized Bed Combustion Ash and Recycled Aggregates. Materials, 2018, 11, 715.	1.3	27
34	Waste-Based Pervious Concrete for Climate-Resilient Pavements. Materials, 2018, 11, 900.	1.3	29
35	Application on cementitious materials to promote durability of alkali-activated concrete containing co-fired fly ash and water-quenched slag. Monatshefte FÃ¼r Chemie, 2017, 148, 1349-1354.	0.9	5
36	Engineering properties of controlled low-strength materials containing co-fired fly ash. Monatshefte FÃ¼r Chemie, 2017, 148, 1337-1347.	0.9	9

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37	Properties Evaluation of Repair Mortars Containing EVA and VA/VeoVa Polymer Powders. Polymers and Polymer Composites, 2017, 25, 77-86.	1.0	12
38	Comparison between simulation and experimental result of the scale down vertical concrete cask under the historical earthquake hit. Journal of Vibroengineering, 2016, 18, 3048-3056.	0.5	0
39	Mechanical properties and microstructure of steel/iron slag blended mortar. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2015, 38, 968-974.	0.6	0
40	SEISMIC RESPONSE AND NUMERICAL VERIFICATION FOR A 1/25 SCALED-DOWN REINFORCED CONCRETE REACTOR BUILDING SPECIMEN. Transactions of the Canadian Society for Mechanical Engineering, 2015, 39, 479-488.	0.3	0
41	Utilizing residues of CFB co-combustion of coal, sludge and TDF as an alkali activator in eco-binder. Construction and Building Materials, 2015, 80, 69-75.	3.2	19
42	Doseâ€“mortality assessment upon toxicity potency of CFBC fly ash to Escherichia coli. Journal of the Taiwan Institute of Chemical Engineers, 2015, 47, 2-5.	2.7	3
43	Recycling of Sustainable Co-Firing Fly Ashes as an Alkali Activator for GGBS in Blended Cements. Materials, 2015, 8, 784-798.	1.3	16
44	Abrasion Resistance of Concrete Containing Polyolefin Fibers and Silica Fumes. Polymers and Polymer Composites, 2014, 22, 437-442.	1.0	9
45	Abrasion Properties of Steel Fiber Reinforced Silica Fume Concrete According to Los Angeles and Water Abrasion Tests. Medziagotyra, 2014, 20, .	0.1	6
46	Engineering Properties and Correlation Analysis of Fiber Cementitious Materials. Materials, 2014, 7, 7423-7435.	1.3	23
47	Using GGBOS as the alkali activators in GGBS and GGBOS blended cements. Construction and Building Materials, 2014, 70, 501-507.	3.2	8
48	Effects of mold growth on building materials by different environments in Taiwan. KSCE Journal of Civil Engineering, 2014, 18, 1083-1090.	0.9	10
49	Mechanical and cementitious characteristics of ground granulated blast furnace slag and basic oxygen furnace slag blended mortar. Materials & Design, 2014, 60, 267-273.	5.1	69
50	Effect of Polyolefin Fibers and Supplementary Cementitious Materials on Corrosion Behavior of Cement-Based Composites. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 888-896.	1.9	4
51	Improved microstructure of cement-based composites through the addition of rock wool particles. Materials Characterization, 2013, 84, 1-9.	1.9	34
52	A method for testing the strength of concrete using uniaxial direct tension. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2013, 36, 295-303.	0.6	12
53	Effects of Leaching Behavior of Calcium Ions on Compression and Durability of Cement-Based Materials with Mineral Admixtures. Materials, 2013, 6, 1851-1872.	1.3	35
54	Effect of Metakaolin on Strength and Efflorescence Quantity of Cement-Based Composites. Scientific World Journal, The, 2013, 2013, 1-11.	0.8	35

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55	Rock wool wastes as a supplementary cementitious material replacement in cement-based composites. Computers and Concrete, 2013, 11, 93-104.	0.7	12
56	Influence of polyolefin fibers on the engineering properties of cement-based composites containing silica fume. Materials & Design, 2012, 37, 569-576.	5.1	37
57	Establishment of the durability indices for cement-based composite containing supplementary cementitious materials. Materials & Design, 2012, 37, 28-39.	5.1	65
58	Using Rock Wool Wastes as Partial Replacement of Cement in Cement-Based Composites. Advanced Science Letters, 2012, 8, 489-494.	0.2	7
59	Soil Structure Interaction Analysis of Diesel Oil Storage Tank in a Nuclear Power Plant. Advanced Science Letters, 2012, 8, 130-135.	0.2	2
60	Using Sugarcane Bagasse Ash as Partial Cement Replacement in Cement-Based Composites. Advanced Science Letters, 2012, 13, 762-767.	0.2	6
61	Effect of Microstructure on Durability of Cement-Based Composites by Accelerating Calcium Leaching Test. Advanced Science Letters, 2012, 8, 772-776.	0.2	0
62	Effect of Polyolefin Fibers and Ultrafine Slag Powders on the Mechanical Properties and Permeability of Cement-Based Composites. Advanced Science Letters, 2012, 13, 712-715.	0.2	0
63	Application of rock wool waste in cement-based composites. Materials & Design, 2011, 32, 636-642.	5.1	89
64	Properties Evaluation of Cement-Based Composites Containing Steel Fiber and Silica Fume. Advanced Science Letters, 2011, 4, 1155-1164.	0.2	4
65	Marine biofouling inhibition by polyurethane conductive coatings used for fishing net. Journal of Coatings Technology Research, 2010, 7, 111-117.	1.2	14