

Chun-Tao Chen

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

31
papers

433
citations

14
h-index

20
g-index

33
ext. papers

556
ext. citations

4.1
avg, IF

3.93
L-index

#	Paper	IF	Citations
31	Mechanical Properties of Eco-Friendly Self-consolidating Concrete Containing Ground Granulated Blast Furnace Slag and Calcined Dolomite. <i>Lecture Notes in Civil Engineering</i> , 2022 , 285-296	0.3	
30	Strength development of cement pastes with alkali-activated dehydrated sewage sludge. <i>Construction and Building Materials</i> , 2020 , 255, 119243	6.7	3
29	Improving the Mechanical and Durability Performance of No-Cement Self-Compacting Concrete by Fly Ash. <i>Journal of Materials in Civil Engineering</i> , 2020 , 32, 04020245	3	1
28	Influence of low calcium fly ash on compressive strength and hydration product of low energy super sulfated cement paste. <i>Cement and Concrete Composites</i> , 2019 , 99, 40-48	8.6	22
27	Mix Proportion and Engineering Behavior of San-Ho-Tu Building Material for Temples and Ancestral Clan Houses. <i>RILEM Bookseries</i> , 2019 , 1585-1593	0.5	
26	A novel electroosmotic chemical treatment for improving the clay strength throughout the entire region. <i>Applied Clay Science</i> , 2018 , 153, 161-171	5.2	11
25	Comparison Study of Dynamic Elastic Moduli of Cement Mortar and No-cement Slag Based Cementitious Mortar Activated with Calcined Dolomite with Impulse Excitation Technique. <i>MATEC Web of Conferences</i> , 2018 , 186, 02004	0.3	3
24	Effect of Elevated Temperature on Engineering Properties of Ternary Blended No-cement Mortar. <i>MATEC Web of Conferences</i> , 2018 , 206, 02008	0.3	
23	Mechanical properties and microstructural analysis of slag based cementitious binder with calcined dolomite as an activator. <i>Construction and Building Materials</i> , 2017 , 150, 345-354	6.7	11
22	Engineering Properties and Microstructural Performance of Low Energy Super-Sulfated Cement Using Industrial Waste Anhydrite. <i>MATEC Web of Conferences</i> , 2017 , 130, 04001	0.3	
21	Prediction of chloride diffusion in cement mortar using Multi-Gene Genetic Programming and Multivariate Adaptive Regression Splines. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017 , 112, 141-149	4.6	32
20	Stiffening Behaviors of Cement Pastes Measured by a Vibrational Viscometer. <i>Advances in Civil Engineering Materials</i> , 2017 , 6, 20160061	0.7	1
19	Engineering properties and durability of high-strength self-compacting concrete with no-cement SFC binder. <i>Construction and Building Materials</i> , 2016 , 106, 670-677	6.7	22
18	Sulfate resistance of low energy SFC no-cement mortar. <i>Construction and Building Materials</i> , 2016 , 102, 239-243	6.7	17
17	High-gravity carbonation of basic oxygen furnace slag for CO ₂ fixation and utilization in blended cement. <i>Journal of Cleaner Production</i> , 2016 , 124, 350-360	10.3	41
16	Cementitious properties and microstructure of an innovative slag eco-binder. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016 , 49, 2009-2024	3.4	19
15	Investigation of chloride diffusion in cement mortar via statistical learning theory. <i>Magazine of Concrete Research</i> , 2016 , 68, 237-249	2	6

14	Strength development of limepozzolana pastes with silica fume and fly ash. <i>Construction and Building Materials</i> , 2015 , 84, 294-300	6.7	16
13	Hydration Process and Compressive Strength of Slag-CFBC Fly Ash Materials without Portland Cement. <i>Journal of Materials in Civil Engineering</i> , 2015 , 27, 04014213	3	14
12	Performance and microstructural examination on composition of hardened paste with no-cement SFC binder. <i>Construction and Building Materials</i> , 2015 , 76, 264-272	6.7	20
11	Mechanism of soil cementation by electroosmotic chemical treatment. <i>Applied Clay Science</i> , 2015 , 104, 135-142	5.2	20
10	Influence of circulating fluidized bed combustion (CFBC) fly ash on properties of modified high volume low calcium fly ash (HVFA) cement paste. <i>Construction and Building Materials</i> , 2015 , 91, 208-215	6.7	42
9	Circulating Fluidized Bed Combustion Fly Ash-Activated Slag Concrete as Novel Construction Material. <i>ACI Materials Journal</i> , 2015 , 112,	0.9	1
8	Physical-chemical characteristics of an eco-friendly binder using ternary mixture of industrial wastes. <i>Materiales De Construccion</i> , 2015 , 65, e064	1.8	1
7	The effects of specimen parameters on the resistivity of concrete. <i>Construction and Building Materials</i> , 2014 , 71, 35-43	6.7	45
6	Engineering and sulfate resistance properties of slag-CFBC fly ash paste and mortar. <i>Construction and Building Materials</i> , 2014 , 63, 40-48	6.7	39
5	Influence of Cyclic Humidity on Carbonation of Concrete. <i>Journal of Materials in Civil Engineering</i> , 2013 , 25, 1929-1935	3	23
4	Stiffening of the Cement Paste Monitored Using Vibrating Fork Technique. <i>Advanced Materials Research</i> , 2013 , 723, 503-506	0.5	
3	CementDispersant Incompatibility due to Ettringite Bridging. <i>Journal of the American Ceramic Society</i> , 2011 , 94, 200-208	3.8	4
2	Suitability of several current used concrete durability indices on evaluating the corrosion hazard for carbonated concrete. <i>Materials Chemistry and Physics</i> , 2004 , 84, 71-78	4.4	19
1	Graphene oxide synthesis using a topdown approach and discrete characterization techniques: a holistic review. <i>Carbon Letters</i> ,1	2.3	0