

Manuel Torres

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1152022/publications.pdf>

Version: 2024-02-01

29
papers

1,343
citations

566801

15
h-index

500791

28
g-index

30
all docs

30
docs citations

30
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of glass waste as an activator in the preparation of alkali-activated slag. Mechanical strength and paste characterisation. Cement and Concrete Research, 2014, 57, 95-104.	4.6	300
2	Waste glass in the geopolymer preparation. Mechanical and microstructural characterisation. Journal of Cleaner Production, 2015, 90, 397-408.	4.6	252
3	Alkali-activated slag concrete: Fresh and hardened behaviour. Cement and Concrete Composites, 2018, 85, 22-31.	4.6	151
4	Waste glass as a precursor in alkaline activation: Chemical process and hydration products. Construction and Building Materials, 2017, 139, 342-354.	3.2	79
5	Alkali activated slag cements using waste glass as alternative activators. Rheological behaviour. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2015, 54, 45-57.	0.9	71
6	Sodium silicate solutions from dissolution of glasswastes. Statistical analysis. Materiales De Construcción, 2014, 64, e014.	0.2	68
7	La activación alcalina de diferentes aluminosilicatos como una alternativa al Cemento Portland: cementos activados alcalinamente o geopolímeros. Revista Ingeniería De Construcción, 2017, 32, 05-12.	0.4	59
8	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
9	New insights in weathering analysis of anhydrous cements by using high spectral and spatial resolution Confocal Raman Microscopy. Cement and Concrete Research, 2017, 100, 119-128.	4.6	39
10	In situ characterization of main reaction products in alkali-activated slag materials by Confocal Raman Microscopy. Cement and Concrete Composites, 2019, 99, 32-39.	4.6	39
11	Carbon footprint and water use of alkali-activated and hybrid cement mortars. Journal of Cleaner Production, 2021, 319, 128653.	4.6	37
12	Critical aspects in the handling of reactive silica in cementitious materials: Effectiveness of rice husk ash vs nano-silica in mortar dosage. Construction and Building Materials, 2019, 223, 360-367.	3.2	33
13	In situ full view of the Portland cement hydration by confocal Raman microscopy. Journal of Raman Spectroscopy, 2019, 50, 720-730.	1.2	28
14	Radiological characterization of anhydrous/hydrated cements and geopolymers. Construction and Building Materials, 2015, 101, 1105-1112.	3.2	25
15	Eco-Efficient Hybrid Cements: Pozzolanic, Mechanical and Abrasion Properties. Applied Sciences (Switzerland), 2020, 10, 8986.	1.3	15
16	Wear behavior in pastes of alkali-activated materials: Influence of precursor and alkali solution. Tribology International, 2020, 147, 106293.	3.0	13
17	Towards more sustainable building based on modified Portland cements through partial substitution by engineered feldspars. Construction and Building Materials, 2021, 269, 121334.	3.2	13
18	Durability of Alkali-Activated Slag Concretes Prepared Using Waste Glass as Alternative Activator. ACI Materials Journal, 2015, 112, .	0.3	12

#	ARTICLE	IF	CITATIONS
19	Chloride-induced corrosion of steel reinforcement in mortars manufactured with alternative environmentally-friendly binders. <i>Cement and Concrete Composites</i> , 2022, 130, 104557.	4.6	11
20	Improvement of thermal efficiency in cement mortars by using synthetic feldspars. <i>Construction and Building Materials</i> , 2021, 269, 121279.	3.2	8
21	Influence of the Alkaline Reserve of Chloride-Contaminated Mortars on the 6-Year Corrosion Behavior of Corrugated UNS S32304 and S32001 Stainless Steels. <i>Metals</i> , 2019, 9, 686.	1.0	7
22	Reuse of urban and industrial waste glass as a novel activator for alkali-activated slag cement pastes: a case study. , 2015, , 75-109.		6
23	Hybrid cements: Towards their use as alternative and durable materials against wear. <i>Construction and Building Materials</i> , 2021, 312, 125397.	3.2	6
24	Alkali-activated and hybrid materials: Alternative to Portland cement as a storage media for solar thermal energy. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2023, 62, 160-173.	0.9	5
25	Hindering the decrease in wear resistance of UV-exposed epoxy powder coatings by adding nano-SiO ₂ through ball milling. <i>Wear</i> , 2021, 480-481, 203935.	1.5	4
26	Effect of BaCO ₃ reactivity and mixing procedure on sulfate-resistant cement performance. <i>Cement and Concrete Composites</i> , 2021, 120, 104038.	4.6	3
27	Viability Study of a Safe Method for Health to Prepare Cement Pastes with Simultaneous Nanometric Functional Additions. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-13.	1.0	2
28	Confocal Raman Microscopy: new perspective on the weathering of anhydrous cement. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 251, 012035.	0.3	1
29	Peruvian volcanic ashes as new alternative material in geopolymer preparation: influence of dissolution concentration and wear resistance. , 0, , .		1