

Ammar Elhoweris

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

259
citations

933264

10
h-index

1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability of ternesite and the production at scale of ternesite-based clinkers. Cement and Concrete Research, 2017, 98, 91-100.	4.6	50
2	Production of belite calcium sulfoaluminate cement using sulfur as a fuel and as a source of clinker sulfur trioxide: pilot kiln trial. Advances in Cement Research, 2016, 28, 643-653.	0.7	42
3	Conceptual design of a CO ₂ capture and utilisation process based on calcium and magnesium rich brines. Journal of CO ₂ Utilization, 2018, 27, 161-169.	3.3	34
4	The synthesis and hydration of ternesite, Ca ₅ (SiO ₄) ₂ SO ₄ . Cement and Concrete Research, 2018, 113, 27-40.	4.6	26
5	Phase Compatibility in the System CaO-SiO ₂ -Al ₂ O ₃ -SO ₃ -Fe ₂ O ₃ and the Effect of Partial Pressure on the Phase Stability. Industrial & Engineering Chemistry Research, 2017, 56, 2341-2349.	1.8	22
6	Advances in clinkering technology of calcium sulfoaluminate cement. Advances in Cement Research, 2017, 29, 405-417.	0.7	16
7	The production of hydrogen as an alternative energy carrier from aluminium waste. Energy, Sustainability and Society, 2017, 7, .	1.7	16
8	The development of a novel process for the production of calcium sulfoaluminate. International Journal of Sustainable Built Environment, 2017, 6, 734-741.	3.2	13
9	Eco-efficiency of a novel construction material produced by carbon capture and utilization. Journal of CO ₂ Utilization, 2021, 49, 101545.	3.3	13
10	Stabilisation of β -dicalcium silicate in calcium sulfoaluminate clinker. Advances in Cement Research, 2020, 32, 112-124.	0.7	10
11	Techno-economic assessment of calcium sulfoaluminate clinker production using elemental sulfur as raw material. Journal of Cleaner Production, 2021, 301, 126888.	4.6	6
12	Photocatalytic Functionalized Aggregate: Enhanced Concrete Performance in Environmental Remediation. Buildings, 2019, 9, 28.	1.4	5
13	Techno-economic assessment of a carbon capture and utilization process for the production of plaster-like construction materials. Journal of CO ₂ Utilization, 2020, 38, 59-67.	3.3	4
14	Eco materials from CO ₂ capture: Compressive strengths of a plasterboard alternative. Construction and Building Materials, 2021, 312, 125276.	3.2	2