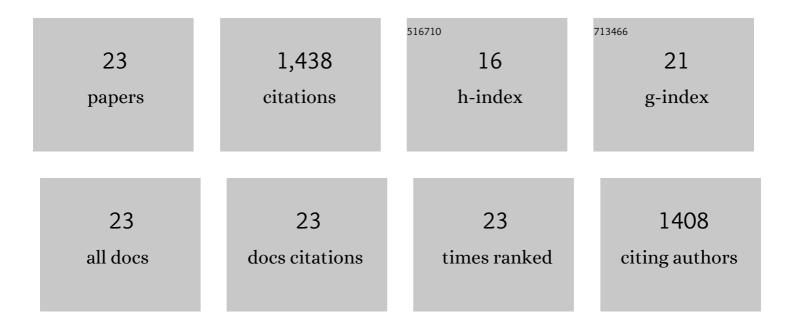
Cagla Meral-Akgul

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------------------|-----------|
| 1 | Data-driven, long-term prediction of building performance under climate change: Building energy demand and BIPV energy generation analysis across Turkey. Renewable and Sustainable Energy Reviews, 2022, 162, 112396. | 16.4 | 16 |
| 2 | Educational building retrofit under climate change and urban heat island effect. Journal of Building Engineering, 2021, 40, 102294. | 3.4 | 27 |
| 3 | Characterization of Microstructural Variations in Alkali-Activated Coal Fly Ashes Depending on Their Intrinsic Properties. Journal of Materials in Civil Engineering, 2021, 33, . | 2.9 | 1 |
| 4 | Experimental and theoretical study on elastic properties of crystalline alkali silicate hydrate. Materials and Design, 2020, 185, 108240. | 7.0 | 1 |
| 5 | Investigation of the effect of outdoor temperature data on the building heating energy requirement and validity of the TS 825 degree-day region clustering. Pamukkale University Journal of Engineering Sciences, 2020, 26, 1062-1075. | 0.4 | 3 |
| 6 | RCP4.5 ve RCP8.5 iklim senaryolarına göre konutlarda iklim değişikliği etki değerlendirmesi. Journal of the Faculty of Engineering and Architecture of Gazi University, 2020, 35, 1665-1684. | ² 0.8 | 3 |
| 7 | Impact of climate change on the existing residential building stock in Turkey: An analysis on energy use, greenhouse gas emissions and occupant comfort. Renewable Energy, 2019, 141, 828-846. | 8.9 | 59 |
| 8 | Kabuk yalıtımının bina ısıtma enerjisi ihtiyacına, maliyetine ve karbon ayak izine etkisinin yaÅŸam d⁄ bakış açısıyla değerlendirmesi. Journal of the Faculty of Engineering and Architecture of Gazi University, 2019, 35, 147-164. | öngüs/ 0.8 | Ã1⁄4 8 |
| 9 | Approaching Net-Zero Energy Building Through Utilization of Building-Integrated Photovoltaics for Three Cities in Turkey-Preliminary Calculations. , 2018, , . | | 4 |
| 10 | Safety assessment of limestone-based engineering structures to be partially flooded by dam water: A case study from northeastern Turkey. Engineering Geology, 2016, 209, 44-55. | 6.3 | 8 |
| 11 | Spatial distribution of crystalline corrosion products formed during corrosion of stainless steel in concrete. Cement and Concrete Research, 2015, 71, 93-105. | 11.0 | 28 |
| 12 | Ordering of water in opals with different microstructures. European Journal of Mineralogy, 2015, 27, 203-213. | 1.3 | 22 |
| 13 | Mechanical properties, durability, and life-cycle assessment of self-consolidating concrete mixtures made with blended portland cements containing fly ash and limestone powder. Cement and Concrete Composites, 2015, 56, 59-72. | 10.7 | 324 |
| 14 | Multiscale characterization of chemical–mechanical interactions between polymer fibers and cementitious matrix. Cement and Concrete Composites, 2014, 48, 9-18. | 10.7 | 23 |
| 15 | In situ 3D monitoring of corrosion on carbon steel and ferritic stainless steel embedded in cement paste. Corrosion Science, 2014, 83, 409-418. | 6.6 | 67 |
| 16 | Characterization of morphology and hydration products of high-volume fly ash paste by monochromatic scanning x-ray micro-diffraction (μ-SXRD). Cement and Concrete Research, 2014, 59, 155-164. | 11.0 | 51 |
| 17 | A comparative study of self-consolidating concretes incorporating high-volume natural pozzolan or high-volume fly ash. Construction and Building Materials, 2014, 67, 14-19. | 7.2 | 102 |
| 18 | High-volume natural volcanic pozzolan and limestone powder as partial replacements for portland cement in self-compacting and sustainable concrete. Cement and Concrete Composites, 2014, 45, 136-147. | 10.7 | 214 |

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| # | Article | lF | CITATIONS |
|----|--|------|-----------|
| 19 | Determination of the elastic properties of amorphous materials: Case study of alkali–silica reaction gel. Cement and Concrete Research, 2013, 54, 55-60. | 11.0 | 24 |
| 20 | Unlocking the secrets of Al-tobermorite in Roman seawater concrete. American Mineralogist, 2013, 98, 1669-1687. | 1.9 | 133 |
| 21 | Material and Elastic Properties of <scp><scp>Al</scp><fscp>â€Tobermorite in Ancient Roman Seawater Concrete. Journal of the American Ceramic Society, 2013, 96, 2598-2606.</fscp></scp> | 3.8 | 106 |
| 22 | The study of disorder and nanocrystallinity in C–S–H, supplementary cementitious materials and geopolymers using pair distribution function analysis. Cement and Concrete Research, 2011, 41, 696-710. | 11.0 | 99 |
| 23 | Use of perlite as a pozzolanic addition in producing blended cements. Cement and Concrete Composites, 2007, 29, 13-21. | 10.7 | 115 |