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Supported Projects

1. ERŞAN Y. Ç., Project Supported by Higher Education Institutions, Biyogenik nitrat indirgenmesi yoluyla kendini iyileştiren biyobetonların içeriğindeki besin miktarının optimizasyonu, 2017 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Life cycle assessment of lightweight concrete containing recycled plastics and fly ash**
ERŞAN Y. Ç., GÜLÇİMEN S., İmis T. N., Saygin O., UZAL N.
EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, vol.26, no.7, pp.2722-2735, 2022 (SCI-Expanded)

Articles Published in Other Journals

1. **Volume fraction, thickness, and permeability of the sealing layer in microbial self-healing concrete containing biogranules**
ERŞAN Y. Ç., Palin D., Yengeç Tasdemir S. B., TAŞDEMİR K., Jonkers H. M., BOON N., DE BELIE N.
Frontiers in Built Environment, vol.4, 2018 (Scopus)

Books & Book Chapters

1. **Overlooked strategies in exploitation of microorganisms in the field of building materials**
ERŞAN Y. Ç.
in: Ecological Wisdom Inspired Restoration Engineering, Achal V., Mukherjee A., Editor, Springer Singapore, Singapore, pp.19-45, 2019

Refereed Congress / Symposium Publications in Proceedings

1. **Optimizing nutrient content of microbial self-healing concrete**
ERŞAN Y. Ç., Akin Y.
6th International Symposium on Life-Cycle Civil Engineering (IALCCE), Ghent, Belgium, 28 - 31 October 2018, pp.2241-2246
2. **Effect of seed sludge type on aerobic granulation and treatment efficiency of granules**
Erşan Y. Ç., Erguder T. H.
International Conference on Environmental Science and Technology, Texas, United States Of America, 25 - 29 June 2012, pp.238-244

Metrics

Publication: 5

Citation (WoS): 14

Citation (Scopus): 10

H-Index (WoS): 1

H-Index (Scopus): 1

Research Areas

Environmental Engineering