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Structures, <https://doi.org/10.1016/j.istruc.2025.110425>
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TURA CEM, ORAKÇAL KUTAY, GÜLLÜ MUHAMMET FETHİ, İLKİ ALPER
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- 3 A new layered shell model for reinforced concrete walls II: experimental validation against quasi-static tests**
TURA CEM, ORAKÇAL KUTAY, GÜLLÜ MUHAMMET FETHİ, İLKİ ALPER
Bulletin of Earthquake Engineering, <https://doi.org/10.1007/s10518-025-02165-2>
- 4 Comparison of structural responses for tall buildings with varying twisting rates and core wall configurations**
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Structures, <http://dx.doi.org/10.1016/j.istruc.2024.107129>
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Harran Üniversitesi Mühendislik Dergisi, <http://dx.doi.org/10.46578/humder.1193424>
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- 7 Kolozvari Kristijan,GÜLLÜ MUHAMMET FETHİ,ORAKÇAL KUTAY
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Buildings,<http://dx.doi.org/10.3390/buildings14092967>
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Engineering Structures,<http://dx.doi.org/10.1016/j.engstruct.2019.04.097>
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Bulletin of Earthquake Engineering,<http://dx.doi.org/10.1007/s10518-019-00641-0>

Bildiriler (YOKSIS)

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