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特高面板砂砾石坝结构安全性论证 陈生水, 阎志坤, 傅中志, 李国英 (1949)

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水化学环境对湛江组黏土结构强度的影响研究 张先伟, 孔令伟, 陈成, 李魁魁, 刘岩 (1967)

卸荷速率和孔隙水压力对砂岩卸荷特性影响研究 邓华锋, 王哲, 李建林, 姜桥, 张恒宾 (1976)

任意埋深水下隧道渗流场解析解 朱成伟, 应宏伟, 龚晓南 (1984)

单向冻结过程中 NaCl 盐渍土水盐运移及变形机理研究 肖泽岸, 赖远明, 尤哲敏 (1992)

砂性地层孔隙特征对泥水盾构泥浆成膜的影响 刘成, 汤昕怡, 高玉峰 (2002)

爆炸液化场地上堤坝变形的模型试验研究 陈育民, 刘汉龙, 陈晨伟, 杨贵, 王维国 (2009)

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- Effects of hydrochemistry on structural strength of Zhanjiang formation clay ZHANG Xian-wei, KONG Ling-wei, CHEN Cheng, LI Kui-kui, LIU Yan (1967)
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TRIBUNE FOR FOCUSED DISPUTE

- Mechanical fundamentals of seepage force concept and its generalization DING Zhou-xiang (2088)

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- Permeability of filter cake and its influence on face stability of slurry shield-driven tunnels CHEN Ren-peng, YIN Xin-sheng, LI Yu-Chao, MENG Fan-yan, QI Shuai (2102)
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