

- water burst in the tunnel near faults in karst area. *The Chinese Journal of Geological Hazard and Control* 28(3): 73-79. <https://doi.org/10.16031/j.cnki.issn.1003-8035.2017.03.11>
- [9] Li LP, Li SC, Zhang QS. (2010). Study of mechanism of water inrush induced by hydraulic fracturing in karst tunnels. *Rock and Soil Mechanics* 31(2): 523-528. <https://doi.org/10.16285/j.rsm.2010.02.016>
- [10] Chi MJ, Zhao CG, Yang XL. (2004). Study on controlling vibration hazard of tunnel cave blasting in karst area. *China Safety Science Journal* 14(9): 72-75, 2. <https://doi.org/10.16265/j.cnki.issn1003-3033.2004.09.016>
- [11] Liu Y. (2010). Grouting Technology of Rock Mass in Fractured Zone of Shallow Tunnel. Central South University.
- [12] Li SC, Zhang WJ, Zhang QS. (2014). Research on advantage-fracture grouting mechanism and controlled grouting method in water-rich fault zone. *Rock and Soil Mechanics* 35(3): 744-752. <https://doi.org/10.16285/j.rsm.2014.03.030>
- [13] Li LP, Lu W, Li SC. (2010). Research status and developing trend analysis of the water inrush mechanism for underground engineering construction. *Journal of Shandong University (Engineering Science)* 40(3): 104-112, 118.
- [14] Chen J, Wei YS, Jiang H. (2017). Causes analysis and countermeasures for water inrush and sand gushing in fault and fracture zone during mined metro tunnel excavation. *Tunnel Construction* 37(7): 857-863. <https://doi.org/10.3973/j.issn.1672-741X.2017.07.012>
- [15] Liu YS, Peng L, Wang MS. (2015). Blast-induced fractured zone of fractured rock-mass tunnel. *China Journal of Highway and Transport* 28(10): 83-89. <https://doi.org/10.19721/j.cnki.1001-7372.2015.10.011>
- [16] Lu WB, Hustrulid W. (2003). Design approach for excavation blasting near contour of rock slope. *Chinese Journal of Rock Mechanics and Engineering* 22(12): 2052-2056. <https://doi.org/10.1142/S0252959903000104>
- [17] Li YZ, Li ZG, Wang QS. (2013). On the grouting reinforcement and waterproofing techniques for mined subsea tunnels in soft fractured strata. *Tunnel Construction* 50(2): 26-33. <https://doi.org/10.13807/j.cnki.mtt.2013.02.010>
- [18] Zhang X, Li SC. (2007). Stability analysis of rock cover of Qingdao Kiaochow bay sub-sea tunnel under explosive loads. *Chinese Journal of Rock Mechanics and Engineering* 26(11): 2348-2355.
- [19] Li XY, Zhang DL, Fang Q. (2015). On water burst patterns in underwater tunnels. *Modern Tunnelling Technology* 52(04): 24-31, 40. <https://doi.org/10.13807/j.cnki.mtt.2015.04.004>
- [20] Huang RQ, Wang XN, Chen LS. (2000). Hydro-splitting off analysis on underground water in deep-lying tunnels and its effect on water gushing out. *Chinese Journal of Rock Mechanics and Engineering* 19(5): 573-576.
- [21] Berta G. (1994). Blasting-induced vibration in tunnelling. *Tunneling and Underground Space Technology* 9(2): 175-187. [https://doi.org/10.1016/0886-7798\(94\)90029-9](https://doi.org/10.1016/0886-7798(94)90029-9)
- [22] Sakural S, Kitamura Y. (1977). Vibration of tunnel due to adjacent blasting operation. *Proceedings of International Symposium on Field Measurements in Rock Mechanics* 61-74.
- [23] Dai CQ, Zhao ZH. (2018). Survey on rheological behaviour of weakly cemented soft rock considering water deterioration. *Journal of Advanced Oxidation Technologies* 21(2): 334-342. <https://doi.org/10.26802/jaots.2018.01824>
- [24] Dai CQ, Zhao ZH. (2015). Fuzzy comprehensive evaluation model for construction risk analysis in urban subway. *International Journal of Modeling, Simulation, and Scientific Computing* 6(3): 11-17. <https://doi.org/10.1142/S1793962315500245>
- [25] Dai CQ, Lv YL. (2018). A novel image enhancement technique for tunnel leakage image detection. *Tunnel Leakage Image Detection Technique* 35: 209-222. <https://doi.org/10.3166/TS.35.209-222>