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----; Zhu, J.; Ding, Y.; Bai, S.; Guan, Y.; Wang, J. Degradation Effect and Mechanism of Dinitrotoluene Wastewater by Magnetic Nano-Fe₃O₄/H₂O₂ Fenton Like, 38:225
----; Zhu, J.; Wang, Z.; Ge, M.; Zhu, H.; Jiang, R.; Zong, E.; Guan, Y. Efficiency and Mechanism of Ciprofloxacin Hydrochloride Degradation in Wastewater by Fe₃O₄/Na₂S₂O₈, 40:457
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----; Tanaka, M.; Yamauchi, S.; Tabata, N. Anti-Biofouling Ozone System for Cooling Water Circuits. II. - An Application to Seawater, 7:31
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- ; Miltner, R. J.; Rice, E. W.; Johnson, C. H.; Dahling, D. R.; Schaefer, F. W. III; Shukriy, H. M. Pilot Scale Inactivation of *Cryptosporidium* and Other Microorganisms in Natural Water, 22:501
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----; Liang, X.; Xu, M.; Wei, L.
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- Zhou, L.,**
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----; Liu, C.; Xu, Z.
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----; Liu, C.; Xu, Z.
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----; Waltimo, T.; Filippi, A.
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