

# 36 Prof. Teng Ma



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## Education

B.A. Hydrogeology and Engineering Geology, China University of Geosciences, Wuhan, China, 1994

M.A. Hydrogeology and Engineering Geology, China University of Geosciences, Wuhan, China, 1997

Ph.D. Hydrology and Water Resources, China University of Geosciences, Wuhan, China, 2000

## Work Experience

Professor, University of Science and Technology of China, 2005-present

## Research Interests

Groundwater pollution and control, groundwater and environmental changes

## Services & Awards

Board Member: 《Journal of Earth Sciences》、《Earth Science》、《Hydrogeology and Engineering Geology》

## Major Publications

Huang, S., Wang, Y., Teng, M., Wang, Y., Long, Z. (2016). Fluorescence spectroscopy reveals accompanying occurrence of ammonium with fulvic acid-like organic matter in a fluvio-lacustrine aquifer of jianhan plain. *Environmental Science & Pollution Research*, 23(9), 8508-8517.

Chen, L., Ma, T., Du, Y., Xiao, C., Chen, X., Liu, C., et al. (2016). Hydrochemical and isotopic (2h, 18o and 37cl) constraints on evolution of geothermal water in coastal plain of southwestern guangdong province, china. *Journal of Volcanology & Geothermal Research*, 318, 45-54.

Xu, F., Teng, M., Lian, Z., Hu, Z., Liu, S. (2015). Chromium isotopic fractionation during cr(vi) reduction by bacillus, sp. under aerobic conditions. *Chemosphere*, 130, 46-51.

Huang, S. B., Wang, Y. X., Teng, M., Lei, T., Wang, Y. Y., Liu, C. R., et al. (2015). Linking groundwater dissolved organic matter to sedimentary organic matter from a fluvio-lacustrine aquifer at jiangnan plain, china by eem-parafac and hydrochemical analyses. *Science of the Total Environment*, 529, 131-139.

Feng, L., Ma, T., Zhang, J., Xu, F., Shi, L. (2014). Draft genome sequence of bacillus subtilis qh-1, a chromium-reducing bacterial strain isolated in qinghai province, china. *Genome Announcements*, 2(2).

Xu, F., Ma, T., Shi, L., Zhang, J. (2014). Bioreduction of cr(vi) by bacillus, sp. qh-1 isolated from soil under chromium-containing slag heap in high altitude area. *Annals of*

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- Chen, L., Ma, T., Du, Y., Yang, J., Liu, L., Shan, H., et al. (2014). Origin and evolution of formation water in north china plain based on hydrochemistry and stable isotopes (  $^2\text{H}$ ,  $^{18}\text{O}$ ,  $^{37}\text{Cl}$  and  $^{81}\text{Br}$ ). *Journal of Geochemical Exploration*, 145, 250-259.
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- Liao, Y., Ma, T., Cui, Y., Qi, Z. (2014). Spatial distribution characteristics of volatile halogenated hydrocarbons in unsaturated zone of xiaodian sewage irrigation area, taiyuan, china. *Ecotoxicology*, 23(10), 1951-7.
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- He, X., Ma, T., Wang, Y., Shan, H., Deng, Y. (2013). Hydrogeochemistry of high fluoride groundwater in shallow aquifers, hangjinhouqi, hetao plain. *Journal of Geochemical Exploration*, 135(6), 63-70.
- Gao, Y. J., Ma, T., Ling, W. L., Liu, C. F., Li, L. (2013). [brachioradialis rerouting for restoration of forearm supination or pronation]. *Operative Orthopdie Und Traumatologie*, 25(4), 350-59.
- Ma, T., Wang, Y., Qi, F., Zhu, S., Huang, L., Liu, Z., et al. (2013). The effect of synthetic oxygen carrier-enriched fibrin hydrogel on schwann cells under hypoxia condition invitro. *Biomaterials*, 34(38), 10016-10027.
- Qi, F., Wang, Y., Ma, T., Zhu, S., Zeng, W., Hu, X., et al. (2012). Electrical regulation of olfactory ensheathing cells using conductive polypyrrole/chitosan polymers. *Biomaterials*, 34(7), 1799-1809.
- Gao, X., Wang, Y., Ma, T., Hu, Q., Xing, X., Yu, Q. (2011). Anthropogenic impact assessment of niangziguan karst water. *Water Management*, 164(10), 495-510.
- Deng, Y., Wang, Y., Ma, T., Yang, H., He, J. (2011). Arsenic associations in sediments from shallow aquifers of northwestern hetao basin, inner mongolia. *Environmental Earth Sciences*, 64(8), 2001-2011.
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