

Yong Mei Chen, Ph.D.

Yong Mei Chen is a second level professor and doctoral supervisor at Shaanxi University of Science and Technology, leader of green flexible multifunctional material innovation team. She received her degree of Doctor of Philosophy in Biological Science from Hokkaido University in 2004, and then served as a special assistant and special associate professor at Hokkaido University. In 2008, she was appointed as a professor and doctoral supervisor at Xi'an Jiaotong University. In 2019, She moved to Shaanxi University of Science and Technology to lead the establishment of the green flexible multifunctional materials and intelligent system innovation team.



Her current research is focused on soft materials and functional gels for biomedical field and flexible electronics, including photoluminescent gels, magnetic gels, self-healing gels, conductive gels and tough gels, as well as the application exploration of novel gels in biomedical field and flexible electronics. She published over 150 research papers in the journals of Chem. Soc. Rev., Nat. Commun., ACS energy, Adv. Funct. Mater., Chem. Eng. J., Biomaterials, Green Chem. and Small. Invited by China Science Press, she published the monograph “Polymer Hydrogel from Structural Design to Functional Regulation”. She selected as one of the "Top 1% Highly Cited Chinese Authors" in the field of integrated chemistry by the Royal Society of Chemistry in the UK, won the second prize of Shaanxi Science and Technology Award and the first prize of Shaanxi Higher Education Science and Technology Award.

Book & Book-Chapter

1. Chen, YM. *Polymer Hydrogels: From Structural Design to Functional Regulation*. Science Press, March 2023.
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Selected publications

1. Chen Y M, Katsuyama Y, Gong J P*, Osada Y. Influence of shear stress on cationic surfactant uptake by anionic gels. *The Journal of Physical Chemistry B*, 2003, 107(49): 13601-13607.
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12. Chen Y M, Yang J J, Gong J P*. Adhesion, spreading, and proliferation of endothelial cells on charged hydrogels. *Journal of Adhesion*, 2009, 85: 839-868.
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