



## Yuecheng Zhang

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**Nationality:** Chinese

**Current position:** PhD student at Malmö University

### Education:

2013 – 2016 Master of Science (M.Sc.), School of Chemistry and Chemical Engineering, Shaanxi Normal University, Xi'an, China

2009 – 2013 Bachelor of Engineering (B.Eng.), School of Chemistry & Chemical Engineering, Yanan University, Yan'an, China

### Work experience:

July 2016 - Teaching assistant, Yanan University, Yan'an, China

September 2013 – June 2016, Researcher about "nanoparticles based novel bio-chemical sensing" at School of Chemistry and Chemical Engineering, Shaanxi Normal University, Xi'an, China

November 2012 – June 2013, Studying about "Separation and analysis effective compounds in traditional Chinese medicine" at School of Chemistry & Chemical Engineering, Yanan University, Yan'an, China

**Research interest:** Biochemical Sensor, Analytical Chemistry, Nanomaterials

### Publications:

[1] Zhang, Y.C.; Liu, C.H.; Sun, S.J.; Tang, Y.L.; Li, Z.P.; Phosphorylation-induced hybridization chain reaction on beads: an ultrasensitive flow cytometric assay for the detection of T4 polynucleotide kinase activity, *Chemical Communications*, 2015, 51, 5832-5835.

[2] Qiu, L.Y.; Zhang, Y.C.; Liu, C.H.; Li, Z.P.; A versatile size-coded flow cytometric bead assay for simultaneous detection of multiple microRNAs coupled with a two-step cascading signal amplification, *Chemical Communications*, 2017, 53, 2926-2929. (Co-first-author)

[3] Zhang, M.M.; Qi, G.C.; Zhang, Y.C.; Liu, A.J.; Liu, Z.Y.; Simultaneous Determination of Paeoniflorin, Liquiritin and Cinnamic Acid in YangyinQingfei Granules by RP-HPLC, *Chinese Journal of Experimental Traditional Medical Formulae*, 2014, 20, 17.

[4] Ma, H.Y.; Xin, J.W.; Zhang, Y.C.; Interaction of amiodarone hydrochloride with BSA in the presence of carbon nanotubes, *Chemical Research and Application*, 2013, 25, 8.

**Hobby:** Pingpong, Photography, and Hiking