

Publications

2018

- 1) Shan-Shan Li, Wen-Yi Zhou, Yi-Xiang Li, Min Jiang, Zheng Guo, Jin-Huai Liu, **Xing-Jiu Huang***
Noble Metal-Free $\text{Co}_{0.6}\text{Fe}_{2.4}\text{O}_4$ Nanocubes Self-Assembly Monolayer for Highly Sensitive Electrochemical Detection of As(III) based on Surface Defects
***Analytical Chemistry*, 2018**, 90, 1263-1272
- 2) Shan-Shan Li, Wen-Yi Zhou, Min Jiang, Zheng Guo, Jin-Huai Liu, Lizhi Zhang, * **Xing-Jiu Huang***
Surface Fe(II)/Fe(III) Cycle Promoted Ultra-Highly Sensitive Electrochemical Sensing of Arsenic(III) with Dumbbell-like Au/Fe₃O₄ Nanoparticles
***Analytical Chemistry*, 2018, Accepted.**
- 3) Wen-Yi Zhou, Shan-Shan Li, Jie-Yao Song, Min Jiang, Tian-Jia Jiang, Jin-Yun Liu, * Jin-Huai Liu, * **Xing-Jiu Huang***
High Electrochemical Sensitivity of TiO_{2-x} Nanosheets and Electron-Induced Mutual Interference Effect toward Heavy Metal Ions Demonstrated Using X-Ray Absorption Fine Structure (XAFS) Spectra
***Analytical Chemistry*, 2018, Accepted.**
- 4) Pei-Hua Li, Yi-Xiang Li, Shi-Hua Chen, Shan-Shan Li, Min Jiang, Zheng Guo, Jin-Huai Liu, **Xing-Jiu Huang**, Meng Yang*
Sensitive and interference-free electrochemical determination of Pb(II) in wastewater using porous Ce-Zr oxide nanospheres
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- 5) Meng Yang, Pei-Hua Li, Wei-Hong Xu, Yan Wei*, Li-Na Li*, Yu-Ying Huang, Yu-Feng Sun, Xing Chen*, Jin-Huai Liu, **Xing-Jiu Huang***
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***Analytical Chemistry*, 2017**, 89, 5557-5564
- 7) Zhen Jin, Meng Yang, Shao-Hua Chen, Jin-Huai Liu, Qun-Xiang Li, * **Xing-Jiu Huang***
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***Analytical Chemistry*, 2017**, 89, 2613-2621
- 8) Wen-Yi Zhou, Jin-Yun Liu, Jie-Yao Song, Jin-Jin Li, Jin-Huai Liu, * **Xing-Jiu Huang***
Surface-Electronic-State-Modulated, Single-Crystalline (001) TiO₂ Nanosheets for Sensitive

Electrochemical Sensing of Heavy-Metal Ions

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Competitive adsorption behavior toward metal ions on nano-Fe/Mg/Ni ternary layered double hydroxide proved by XPS: Evidence of selective and sensitive detection of Pb(II)
Journal of Hazardous Materials, 2017, 338, 1-10
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