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SHANDONG UNIVERSITY OF TECHNOLOGY

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来源: 原创 浏览次数: 6091次 发布时间: 2015-02-13 09:02:42

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【教育背景】

1995.9-1999.7 兰州大学放射化学专业学士学位

1999.9-2002.6 兰州大学化工学院无机化学专业硕士学位

【工作经历】

2002.07-至今, 山东理工大学化学工程学院

【主讲课程】

化工原理、化工原理实验实验等

【研究领域和兴趣】

重金属离子及放射性元素在氧化物、粘土矿物等材料上的吸附、扩散和迁移研究。

【参加的主要科研项目】

国家自然科学基金一项

【代表性论文】

1.Lei Chen*and Xianjin Yu, 2007, Sorption of Radiocaesium onto Powdered and Compacted Rectorite Studied by Batch and Capillary Methods. Adsorption Science & Technology. 25(5).285-293.

2.Lei Chen,1*Xianjin Yu,1Zengdian Zhao,1Jingshun Pan2, 2008, Sorption and desorption of Co(II) on montmorillonite in presence and absence of fulvic acid. Journal of Radioanalytical and Nuclear Chemistry. 275(1):209-216.

3.Lei Chena,* , Songsheng Lub, 2008, Sorption and desorption of radiocobalt on montmorillonite --- Effect of pH, ionic strength and fulvic acid. Applied Radiation and Isotopes. 66:288-294.

4.Lei Chena,* , Xuan Gaob, 2009, Thermodynamic study of Th(IV) sorption on attapulgite, Applied Radiation and Isotopes 67 (2009) 1–6.

5. Hui Zhang, Xianjin Yu, Lei Chen*, Yongjie Jing, Zhiwei Ge, 2010, Study of ^{63}Ni adsorption on NKF-6 zeolite, Journal of Environmental Radioactivity 101 1061-1069.
6. H. Zhang, D. Zhao, L. Chen* and X. J. Yu, 2011, Investigation of Cu(II) adsorption from aqueous solutions by NKF-6 zeolite, Water Science & Technology. 63(3): 395-402.
7. Lei Chen, Bin Gao, Songsheng Lu and Yunhui Dong, 2011, Sorption study of radionickel on attapulgite as a function of pH, ionic strength and temperature, J Radioanal Nucl Chem. 288:851-858.
8. Zhengjie Liu, Lei Chen*, Yunhui Dong and Zengchao Zhang, 2011, Sorption study of radionickel on attapulgite as a function of pH, ionic strength and temperature, J Radioanal Nucl Chem. 289:851-859.
9. Caicai Zhang, Zhengjie Liu, Lei Chen* and Yunhui Dong, 2012, Influence of pH, humic acid, ionic strength, foreign ions, and temperature on ^{60}Co (II) sorption onto c-Al₂O₃, J Radioanal Nucl Chem. 292:411-41.
10. Lei Chen, Yunhui Dong, 2013, Sorption of ^{63}Ni (II) to montmorillonite as a function of pH, ionic strength, foreign ions and humic substances, J Radioanal Nucl Chem. 295:2117-2123.
11. Chen Lei, Xiangping Tian, Baohua Ma, 2013, Effect of pH, ionic strength, foreign ions and temperatures on the sorption of Eu(III) on attapulgite-iron oxide magnetic composites, J Radioanal Nucl Chem (2013) 298:1127-1135.
12. Zhengjie Liua, b, Lei Chena, *, Zengchao Zhanga, Yueyun Lia, Yunhui Donga, Yubing Sunb, 2013, Synthesis of multi-walled carbon nanotube-hydroxyapatite composites and its application in the sorption of Co(II) from aqueous solutions, Journal of Molecular Liquids. 179 :46-53. Lei Chen, Jinzhang Xu, Jun Hu, 2013, Removal of U(VI) from aqueous solutions by using attapulgite/iron oxide magnetic nanocomposites, J Radioanal Nucl Chem. 297:97-105

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