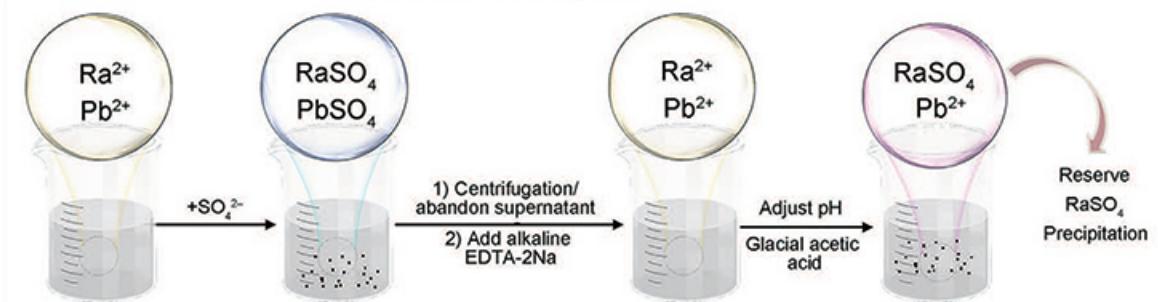


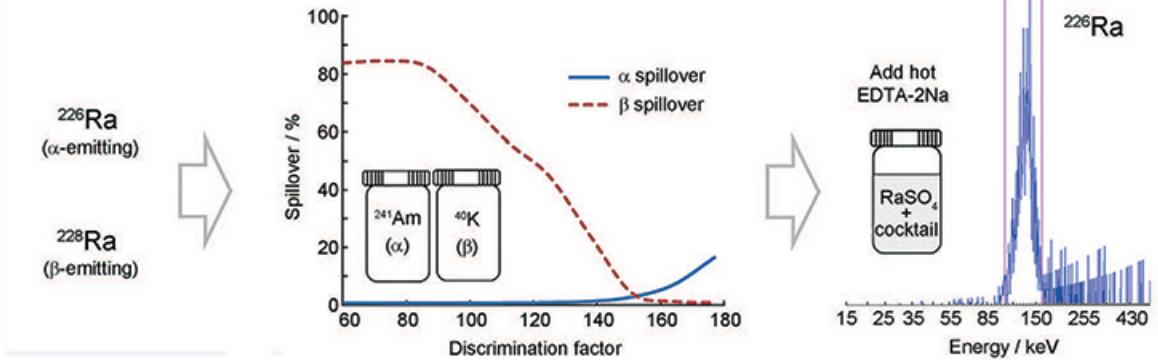
辐射研究与 辐射工艺学报

Journal of Radiation Research
and Radiation Processing

Radiochemical separation



Liquid scintillation counting analysis



水中 ^{226}Ra 的快速分离纯化与测量 (P.020701)

辐射研究与辐射工艺学报

Fushe Yanjiu Yu Fushe Gongyi Xuebao

2023年4月 第41卷 第2期

目 次

综述

- FLASH放射生物学机制及治疗计划研究进展 吴迅 刘锐锋 张秋宁 王小虎 (020101)
脂肪干细胞及细胞因子在皮肤放射性损伤修复中的研究进展
..... 宁艳 甘慧敏 黄东琳 王溪月 胡啸昊 黎洪棉 (020102)

辐射化学

- 辐射接枝法制备氧肟化超高分子量聚乙烯及其重金属吸附性能
..... 郝杏芳 咸春颖 王衡东 沈丽 (020201)
磷酸酯功能化超高分子量聚乙烯纤维的制备及其铀吸附性能 金长先 邵大冬 高乾宏 (020202)
电子束辐照对二聚酸型聚酰胺/非晶型 α -烯烃共聚物共混体系性能的影响 王志 (020203)

辐射生物学与医学

- SC双波源脉冲微波相互垂直复合辐照对大鼠重要组织器官生物效应的影响
..... 叶金怡 张杰 齐红新 王向晖 (020301)
一种辐射防护中药组方对小鼠脾脏辐射损伤的保护作用 周茜 唐瑛 孙欢 陈雪娇 (020302)

辐射技术的应用

- 电子束辐照对不同含水量芦苇木质纤维素结构及酶解性能的影响
..... 陈亮 武小芬 齐慧 张勇 刘安 王丹阳 邓明 王克勤 (020401)

辐射防护

- 核事故应急演练培训仿真系统设计与应用
..... 吴强 田书建 杨子辉 孙国民 陶桂花 陈威虎 王世鹏 (020601)

辐射交叉学科研究

- 液体闪烁计数法分析水中 ^{226}Ra 活度浓度及其不确定度评价
..... 尹亮亮 张耀 孔祥银 钱宇欣 吉艳琴 (020701)

Journal of Radiation Research and Radiation Processing

Vol.41 No.2

April 2023

Contents

REVIEW

- Radiobiology and treatment plan progress of FLASH radiotherapy
.....WU Xun LIU RuiFeng ZHANG Qiuning WANG Xiaohu (020101)
Advances in the study of adipose stem cells and cytokines in the repair of radiation skin damage.....
.....NING Yan GAN Huimin HUANG Donglin WANG Xiyue HU Xiaohao LI Hongmian (020102)

RADIATION CHEMISTRY

- Preparation of hydroxoxime group-modified ultra-high molecular weight polyethylene fiber adsorbent by radiation-induced graft polymerization and its application to heavy metal ions removal
.....HAO Xingfang XIAN Chunying WANG Hengdong SHEN Li (020201)
Phosphate-functionalized ultrahigh-molecular-weight polyethylene fiber: preparation and uranium adsorption performance
.....JIN Changxian SHAO Dadong GAO Qianhong (020202)
Effect of electron beam irradiation on properties of dimeric acid polyamide/amorphous poly- α -olefin copolymer blends
.....WANG Zhi (020203)

RADIOBIOLOGY AND RADIOMEDICINE

- Effects of SC dual pulsed-microwaves irradiation on the bioeffects in rats' organs under a mutually perpendicular incidence
.....YE Jinyi ZHANG Jie QI Hongxin WANG Xianghui (020301)
Protective effects of a Chinese medicinal formula on the spleen of irradiated mice
.....ZHOU Xi TANG Ying SUN Huan CHEN Xuejiao (020302)

RADIATION TECHNOLOGY APPLICATION

- Effects of electron beam irradiation pretreatment on the structure and enzymatic efficiency of *Phragmites australis* lignocelluloses with different moisture contents
.....CHEN Liang WU Xiaofen QI Hui ZHANG Yong LIU An WANG Danyang DENG Ming WANG Keqin (020401)

RADIATION PROTECTION

- Design and application of training simulation system for nuclear accident emergency drill
.....WU Qiang TIAN Shujian YANG Zihui SUN Guomin TAO Guihua CHEN Weihu WANG Shipeng (020601)

RADIATION INTERDISCIPLINARY RESEARCH

- Method for determining ^{226}Ra in water via liquid scintillation counting and its uncertainty evaluation
.....YIN Liangliang ZHANG Yao KONG Xiangyin QIAN Yuxin JI Yanqin (020701)