

《核化学与放射化学》

2017 年(第 39 卷)总目次

第 1 期

质谱在铜系配位化学研究中的应用	陈秀婷,李晴暖,龚 昱(1)
铝合金化技术在乏燃料干法后处理中的应用研究进展	刘雅兰,叶国安,柴之芳,石伟群(13)
光化学分离水溶液中铂族金属元素的研究——Pd(Ⅱ)的光还原	丁作铭,李富海,刘 哲,方 仲,林铭章(22)
P25 半导体矿物光催化还原 U(VI)	罗昭培,董发勤,何辉超,刘明学,代群威,宗美荣,王萍萍,王 岩,李 刚,马 杰(30)
钍基熔盐堆核能系统中熔盐的蒸馏纯化与分离	耿俊霞,窦 强,王子豪,杨 洋,黄 卫,付海英,李文新,吴国忠,李晴暖(36)
NaF 吸附剂上 MoF ₆ 的脱附	李杨娟,程治强,窦 强,李洒洒,龙德武,李晴暖(43)
浸渍溶剂对 Pt/疏水陶瓷催化剂性能的影响	贾青青,胡石林,刘亚明(50)
二(2-乙基己基)磷酸酯从硝酸体系中萃取 Mo(VI)	刘展祥,黄 璜,廖家莉,李兴亮,蹇 源,魏洪源,杨远友,罗顺忠,刘 宁(56)
放射性固体废物水泥砂浆固定配方研究	张 怡,郑佐西,朱欣研,马梅花(63)
不锈钢放射性模拟样片在空气中的激光去污技术	马梅花,高智星,汤秀章,郑佐西,朱欣研,张 怡,刘雨昕(69)
液闪分析中闪烁体积对各种核素测定的影响	冯孝贵,何千舸,王建晨,陈 靖(72)
磷屏成像的计量性能测试及其在大面积平面源均匀性评价中的应用	符 燕,梁珺成,邹 宇,杨志杰,唐 泉,张 明,刘皓然,赵 清(83)
⁸⁵ Kr 气体液闪测量方法研究	李少伟,王 琛,李力力,徐常昆,赵永刚(90)
粉煤灰基沸石固化体中 Sr ²⁺ 、Cs ⁺ 的浸出行为	罗 洁,廖 蓉,王亚举,张海军,杨 剑,黄 胜(95)
福岛核事故后上海气溶胶中 ¹³¹ I、 ¹³⁴ Cs 和 ¹³⁷ Cs 的来源途径分析	刘丹彤,王锦龙,毕倩倩,杜金洲(103)
PhreePlot 绘制某些可变化核素 Eh-pH 图	覃聃文,康明亮(113)
碘 [¹³¹ I] 爱克妥昔单抗注射液免疫反应活性的分析方法	贾莹莹,崔海平,沈振芳,冉宇靓,王晓静(121)

第 2 期

福岛核事故释放放射性气溶胶的化学分析进展	谢 波,胡 胜,龙兴贵(129)
PET 显像剂 ¹⁸ F-氟化钠的制备、作用机制和临床应用	郭飞虎,李明光,李 光,石 伟,冯婷婷,尹长峰,温 凯,成伟华,樊红强,罗志福(138)
铈基镧系氧化物的制备与晶体结构变化	孟凡石,陈丹莹,林有奇,韩东梅,康明亮,Said Obbade(145)
苯并-15-冠-5/离子液体体系液液萃取锂	束玉珍,吴继宗,邓惟勤,钱红娟(151)
聚酰亚胺中空纤维膜对 CO ₂ 、O ₂ 、H ₂ O 和 Xe 的分离性能	周国庆,吴王锁,周崇阳,田 梅,冯淑娟,邹荣虎(158)

载体孔结构对 Pt/疏水陶瓷催化剂性能的影响	贾青青,胡石林,刘亚明(164)
某黄色粉末状放射性物质的成分鉴定	鲁芸芸,杨 彬,曹其如,梁帮宏,张劲松,陈云明(170)
拉曼光谱结合偏最小二乘法定量分析铈洗槽工艺点样品中的铈	张倩慈,朱海巧,常志远,李定明,白 雪,吴继宗(174)
二氧化铈芯块中微量 Mn、Cr、Ni、Mo、Th 的测定方法改进	杜桂荣,郭国龙,王春叶,刘 扬,孙晓光(179)
气隙式膜蒸馏处理低放废液	张玮钰,金 畅,肖德涛(183)
脱氮硫杆菌的筛选及其对铈离子的矿化作用	邬琴琴,代群威,韩林宝,王 岩,党 政,赵玉连,Nazar Muhammad(187)

第 3 期

以 ¹⁸ F-FDG 为辅基的 ¹⁸ F-氟标记方法研究进展	丁 晖,李 阳,李 森(193)
<i>N,N'</i> -二(2-乙基己基)二甘酰胺酸对 Dy(Ⅲ)的萃取	袁小兰,夏良树,贾永芬,何 辉,田国新(208)
pH 值对 U、Pu 的吸附影响	成建峰,冷阳春,庾先国,赖 捷,阳 刚,邓 超(213)
¹⁷⁵ Hf 的半衰期测量	张雄寓,丁有钱,王秀凤,张生栋,马 鹏,刘峙嵘(218)
304 奥氏体不锈钢在硝酸溶液体系中的电化学腐蚀行为	王祥丽,吴继宗,谈树苹,朱海巧(223)
北山地下水氧化还原电势及其对可变价核素迁移的影响	吴晓翠,康明亮,蔡智毅,宋 阳,商澄铭,徐枫起,王 驹,李亚伟,陈繁荣(227)
集成缓冲材料对铈的长期阻滞效应	王 哲,易发成(235)
¹⁸ F 标记的白藜芦醇衍生物的合成及作为 β-淀粉样斑块显像剂的初步评价	王红亮,姜申德,唐刚华,武志芳,李思进(243)
⁶⁰ Co-γ 射线辐照合成 P(AA-co-AM)/FA 高吸水性复合材料	刘 颖,杨平华,魏 敏,严庆海(252)

第 4 期

PUREX 流程铀还原反萃过程的计算机模拟研究进展	于 婷,叶国安,何 辉,陈延鑫,刘金平,张 岚(257)
微波消解-激光荧光法测定土壤样品中微量铀	孙秉怡,全 葳,卢 瑛,涂兴明(268)
阳离子交换树脂分离-ICP-MS 法测定核纯级二氧化钍中的痕量硼	丛海霞,罗 艳,崔荣荣,刘玉侠,赵中奇,周 伟,张 岚(273)
铀、钍在花岗岩单裂隙中的运移	王超梅,李 寻,郑和秋野,彭志娟(278)
土壤耐铈细菌的筛选及其吸附效果	王 岩,代群威,赵玉连(284)
硅胶负载焦磷酸铈吸附剂的制备及对铈的吸附	郭 梦,余振华,那 平(290)
⁶⁴ Cu-DOTA-SPIONs-PEG-FA:靶向叶酸受体阳性肿瘤的 PET/MRI 双模态显像探针	孙钰林,申一鸣,梁积新,陈玉清,沈浪涛(298)
还原温度对 Pt/PTFE/泡沫 SiC 规整疏水催化剂性能的影响	何建超,王和义,肖成建,李佳懋,侯京伟,夏修龙(309)
同轴高纯锗探测器探测效率的 MCNP 模拟与电荷收集时间的计算	梁 爽,何高魁,郝晓勇(316)

第 5 期

环境土壤样品中 ⁹⁹ Tc 的分析方法研究进展	孙雪杰,李 润,杨军强,史克亮,吴王锁(321)
氢-水同位素催化交换速率及过程模拟的研究进展	王 然,陈晓军,辛 峰(336)
Li ₃ AlF ₆ 熔盐的高温水解性质	郑小北,彭 佳,高思泽,王晨阳,刘玉侠,张 岚,李晴暖(345)
不同加速剂对 LiF 高温水解反应的影响	彭 佳,郑小北,仇婷婷,王晨阳,刘玉侠,张 岚(350)
SDB 疏水催化剂载体的装填及对传质性能的影响	罗雯利,李秀春,刘才林,任先艳,杨海君,杨 莉(356)
熔融制样-X 射线荧光光谱法测定产铀岩石中钨、钼、铌、钽、铁、磷、钒的标准方法	袁 建,刘香英,夏晨光,刘高辉(362)
²³⁵ U/ ²³¹ Pa 质谱法测铀年龄	黄声慧,常 利,陈 彦,赵立飞,朱留超,赵兴红,赵永刚(368)
可燃毒物钷的辐照及其同位素热电离质谱法测定	梁帮宏,陈云明,刘 志,孙 鹏,李 兵,杨 彬(373)
微陶材料对铀的吸附特性	朱锐之,李力力,朱留超,赵立飞,赵永刚(377)

第 6 期

熔盐电解法乏燃料干法后处理技术研究进展	唐 浩,任一鸣,邵 浪,钟 毅,高 瑞(385)
化学种态分析软件 CHEMSPEC 最新进展	刘春立,王祥云,周万强(397)
绝热条件下磷酸三丁酯-正十二烷-硝酸体系放热反应行为	张春龙,曹 智,赵善桂,杨 柳,苏 哲,洪 哲,何 辉(403)
液体阴极法回收盐渣中钪离子的模拟实验	唐洪彬,李 迅,林如山,何 辉,叶国安(409)
U(IV)对 Pu(IV)的单级还原反萃数学模型	于 婷,何 辉,洪 哲,陈延鑫,叶国安(413)
无盐有机还原剂结构与其氧化产物的定量关系	张宁远,欧阳应根,肖松涛,王 妍,李辉波,王玲玉(422)
乏燃料干式贮存设施辐射屏蔽计算	洪 哲,赵善桂,于 婷,何 玮,刘新华(431)
放射性岩棉玻璃固化过程中的关键工艺参数	曹 骥,陈云明,张劲松,吕永红,冯伟伟,鲁芸芸,李 兵,刘夏杰,严文超(437)
深圳近岸海域海水及沉积物中放射性核素水平	丁敏霞,刘国卿,苏玲玲,冯江平,时劲松,罗 奇(442)
负载 Ce ⁴⁺ 的脲醛树脂吸附剂的除氟性能	陈 斌,赵祎舒,谢剑南,唐双凌(447)
冻融法合成 Sr 高效吸附剂硅钛酸钠	郑 宇,李玉松,张振涛,王 雷,华小辉,游新锋,郑文俊,杨林月(454)
CeO ₂ /SiO ₂ 吸附剂的制备及其对碘酸根的吸附	林 锦,吴 艳,韦悦周(459)
《核化学与放射化学》2017 年(第 39 卷)总目次	(-1-)

JOURNAL OF NUCLEAR AND RADIOCHEMISTRY

ANNUAL CUMULATIVE CONTENTS OF VOLUME 39, 2017

No. 1

Mass Spectrometric Studies on the Chemistry of Actinide Coordination Complexes	CHEN Xiu-ting, LI Qing-nuan, GONG Yu(1)
Research Progress on Molten Salt Electrorefining Process by Forming Aluminum Alloys	LIU Ya-lan, YE Gao-an, CHAI Zhi-fang, SHI Wei-qun(13)
Photochemical Separation of Platinum Group Metals in Aqueous Solution—Photoreduction of Pd(II)	DING Zuo-ming, LI Fu-hai, LIU Zhe, FANG Zhong, LIN Ming-zhang(22)
Photocatalytic Reduction of U(VI) by P25 Semiconductor Mineral	LUO Zhao-pei, DONG Fa-qin, HE Hui-chao, LIU Ming-xue, DAI Qun-wei, ZONG Mei-rong, WANG Ping-ping, WANG Yan, LI Gang, MA Jie(30)
Purification and Separation of Fluoride Molten Salt in Thorium Molten Salt Reactors System by Low Pressure Distillation	GENG Jun-xia, DOU Qiang, WANG Zi-hao, YANG Yang, HUANG Wei, FU Hai-ying, LI Wen-xin, WU Guo-zhong, LI Qing-nuan(36)
MoF ₆ Desorption From NaF Adsorbent	LI Yang-juan, CHENG Zhi-qiang, DOU Qiang, LI Sa-sa, LONG De-wu, LI Qing-nuan(43)
Influence of Impregnation Solvent on Performance of Pt/Inorganic Hydrophobic Catalyst	JIA Qing-qing, HU Shi-lin, LIU Ya-ming(50)
Extraction of Mo(VI) From Nitric Acid Solution With Bis(2-Ethylhexyl)Hydrogen Phosphate	LIU Zhan-xiang, HUANG Huang, LIAO Jia-li, LI Xing-liang, JIAN Yuan, WEI Hong-yuan, YANG Yuan-you, LUO Shun-zhong, LIU Ning(56)
Formulation for Immobilization of Radioactive Solid Waste With Cement Mortar	ZHANG Yi, ZHENG Zuo-xi, ZHU Xin-yan, MA Mei-hua(63)
Laser Decontamination Research on Radioactive Simulated Specimens in Air	MA Mei-hua, GAO Zhi-xing, TANG Xiu-zhang, ZHENG Zuo-xi, ZHU Xin-yan, ZHANG Yi, LIU Yu-xin(69)
Influences of Scintillation Volume on Determination of Various Nuclides by Liquid Scintillation Counting	FENG Xiao-gui, HE Qian-ge, WANG Jian-chen, CHEN Jing(72)
Metrology Performance Test of Phosphor Screen Imaging and Its Application on Uniformity Evaluating of Large-Area Sources	FU Yan, LIANG Jun-cheng, ZOU Yu, YANG Zhi-jie, TANG Quan, ZHANG Ming, LIU Hao-ran, ZHAO Qing(83)
Determination of ⁸⁵ Kr by Liquid Scintillation	LI Shao-wei, WANG Chen, LI Li-li, XU Chang-kun, ZHAO Yong-gang(90)
Leaching Behavior of Sr ²⁺ , Cs ⁺ in Synthesized Zeolite From Fly Ash-Solidified Waste Forms	LUO Jie, LIAO Rong, WANG Ya-ju, ZHANG Hai-jun, YANG Jian, HUANG Sheng(95)
Source and Pathway of ¹³¹ I, ¹³⁴ Cs and ¹³⁷ Cs in Aerosols of Shanghai After the Fukushima Nuclear Accident	LIU Dan-tong, WANG Jin-long, BI Qian-qian, DU Jin-zhou(103)
Application of PhreePlot: Drawing the Eh-pH Diagram of Valence-Variable Radionuclides	QIN Dan-wen, KANG Ming-liang(113)
New Method to Inspection Immune Activity of Iodine [¹³¹ I] Aiketuoxi Monoclonal Antibody Injection	JIA Ying-ying, CUI Hai-ping, SHEN Zhen-fang, RAN Yu-liang, WANG Xiao-jing(121)

No. 2

Development of Chemical Analysis for Radioactive Aerosols From Fukushima Daiichi Nuclear Accident	XIE Bo, HU Sheng, LONG Xing-gui(129)
Preparation, Imaging Mechanism and Clinical Application of PET Imaging Agent Sodium ¹⁸ F-Fluoride	GUO Fei-hu, LI Ming-guang, LI Guang, SHI Wei, FENG Ting-ting, YIN Chang-feng, WEN Kai, CHENG Wei-hua, FAN Hong-qiang, LUO Zhi-fu(138)

Elaboration and Crystal Structure Change of Cerium-Based Lanthanide Oxides	MENG Fan-shi, CHEN Dan-ying, LIN You-qi, HAN Dong-mei, KANG Ming-liang, Said Obbade(145)
Liquid-Liquid Extraction of Lithium by Benzo-15-Crown-5/Ionic Liquid System	SHU Yu-zhen, WU Ji-zong, DENG Wei-qin, QIAN Hong-juan(151)
Polyimide Hollow Fiber Membranes for CO ₂ , O ₂ , H ₂ O Removal and Xe Enrichment	ZHOU Guo-qing, WU Wang-suo, ZHOU Chong-yang, TIAN Mei, FENG Shu-juan, ZOU Rong-hu(158)
Influence of Pore Structure on the Performance of Pt/Ceramic Hydrophobic Catalyst	JIA Qing-qing, HU Shi-lin, LIU Ya-ming(164)
Component Identification of a Yellow Powder Radioactive Material	LU Yun-yun, YANG Bin, CAO Qi-ru, LIANG Bang-hong, ZHANG Jing-song, CHEN Yun-ming(170)
Quantitative Determination of Technetium at TcS Section During the Spent Fuel Reprocessing	ZHANG Qian-ci, ZHU Hai-qiao, CHANG Zhi-yuan, LI Ding-ming, BAI Xue, WU Ji-zong(174)
Improve of Determination of Mn, Cr, Ni, Mo and Th in Uranium Dioxide Pallets	DU Gui-rong, GUO Guo-long, WANG Chun-ye, LIU Yang, SUN Xiao-guang(179)
Treatment of Low Level Radioactive Waste Liquid by Air Gap Membrane Distillation	ZHANG Wei-yu, JIN Chang, XIAO De-tao(183)
Isolation and Strontium Mineralization of <i>Thiobacillus Denitrificans</i>	WU Qin-qin, DAI Qun-wei, HAN Lin-bao, WANG Yan, DANG Zheng, ZHAO Yu-lian, Nazar Muhammad(187)

No. 3

Methodological Progress of ¹⁸ F-Fluoro-Labeling Employing ¹⁸ F-FDG as Prosthetic Group	DING Hui, LI Yang, LI Miao(193)
Extraction of Dy(Ⅲ) With N,N'-di(2-Ethylhexyl)-Diglycolamic Acid From Nitric Acid	YUAN Xiao-lan, XIA Liang-shu, JIA Yong-fen, HE Hui, TIAN Guo-xin(208)
Effect of pH on Adsorption Characteristics of Uranium and Plutonium	CHENG Jian-feng, LENG Yang-chun, TUO Xian-guo, LAI Jie, YANG Gang, DENG Chao(213)
Half-Life Measurement of ¹⁷⁵ Hf	ZHANG Xiong-yu, DING You-qian, WANG Xiu-feng, ZHANG Sheng-dong, MA Peng, LIU Zhi-rong(218)
Electrochemical Corrosion of 304 Austenitic Stainless Steel in Nitric Acid Solutions	WANG Xiang-li, WU Ji-zong, TAN Shu-ping, ZHU Hai-qiao(223)
Investigation of Redox Potential of Beishan Site and Its Impact on Mobility of Redox-Sensitive Radionuclides	WU Xiao-cui, KANG Ming-liang, CAI Zhi-yi, SONG Yang, SHANG Cheng-ming, XU Feng-qi, WANG Ju, LI Ya-wei, CHEN Fan-rong(227)
Long-Term Retardative Effect of Integrated Buffer Material to Strontium	WANG Zhe, YI Fa-cheng(235)
¹⁸ F-Radiolabeled Resveratrol Derivatives: Synthesis, Radiolabeling, and Preliminary Evaluation as β-Amyloid Plaque PET Agents	WANG Hong-liang, JIANG Shen-de, TANG Gang-hua, WU Zhi-fang, LI Si-jin(243)
Preparation of P(AA-co-AM)/FA Super Water Absorbent Composite by ⁶⁰ Co-γ Irradiation	LIU Ying, YANG Ping-hua, WEI Min, YAN Qing-hai(252)

No. 4

Present Situation of Research of Computer Simulation of Stripping of Plutonium by Chemical Reduction in PUREX Process	YU Ting, YE Guo-an, HE Hui, CHEN Yan-xin, LIU Jin-ping, ZHANG Lan(257)
Determination of Trace Uranium in Soil Samples by Microwave Digestion-Laser Fluorescence Method	SUN Bing-yi, QUAN Wei, LU Ying, TU Xing-ming(268)
Determination of Boron at Trace Level in Nuclear Grade Thoria by ICP-MS After Separated by Cation Exchange Resin	CONG Hai-xia, LUO Yan, CUI Rong-rong, LIU Yu-xia, ZHAO Zhong-qi, ZHOU Wei, ZHANG Lan(273)
U, Th Transport in Single Fractured Granite	WANG Chao-Mei, LI Xun, ZHENG He-qiu-ye, PENG Zhi-juan(278)
Screening and Adsorption Effect Analysis of Strontium Tolerant Bacteria in Soil	WANG Yan, DAI Qun-wei, ZHAO Yu-lian(284)
Preparation of Phosphomolybdic Acid Zirconium Loaded Silocone and Its Adsorption Performance of Cesium	GUO Meng, YU Zhen-hua, NA Ping(290)
⁶⁴ Cu-DOTA-SPIONs-PEG-FA as a Potential PET/MRI Dual-Modal Imaging Tumor Probe Used for Targeting Folate	

Receptor-Positive Cancer	SUN Yu-lin, SHEN Yi-ming, LIANG Ji-xin, CHEN Yu-qing, SHEN Lang-tao(298)
Influence of Reduction Temperature on Performance of Pt/PTFE/Foam SiC Structured Hydrophobic Catalyst	HE Jian-chao, WANG He-yi, XIAO Cheng-jian, LI Jia-mao, HOU Jing-wei, XIA Xiu-long(309)
Simulation of Detective Efficiency and Calculation of Charge Collection Time of Coaxial HPGe Detector	LIANG Shuang, HE Gao-kui, HAO Xiao-yong(316)

No. 5

Advances in Analytical Methods of ^{99}Tc in Environmental Soil Samples	SUN Xue-jie, LI Run, YANG Jun-qiang, SHI Ke-liang, WU Wang-suo(321)
Advances in Rate and Process Simulation of Catalytic Isotopic Exchange Between Hydrogen and Water	WANG Ran, CHEN Xiao-jun, XIN Feng(336)
Pyrohydrolysis of Li_3AlF_6 Molten Salt	ZHENG Xiao-bei, PENG Jia, GAO Si-ze, WANG Chen-yang, LIU Yu-xia, ZHANG Lan, LI Qing-nuan(345)
Influence of Different Accelerators on Pyrohydrolysis of LiF	PENG Jia, ZHENG Xiao-bei, QIU Ting-ting, WANG Chen-yang, LIU Yu-xia, ZHANG Lan(350)
Loading of SDB Hydrophobic Catalyst Carrier and Its Effects on Mass Transfer	LUO Wen-li, LI Xiu-chun, LIU Cai-lin, REN Xian-yan, YANG Hai-jun, YANG Li(356)
Standard Method for Determination of W, Mo, Nb, Ta, Fe, P, V in Uranium-Productive Rock by X-Ray Fluorescence Spectrometry	YUAN Jian, LIU Xiang-ying, XIA Chen-guang, LIU Gao-hui(362)
Determination of Uranium Age by Measuring $^{235}\text{U}/^{231}\text{Pa}$ With Mass Spectrometry	HUANG Sheng-hui, CHANG Li, CHEN Yan, ZHAO Li-fei, ZHU Liu-chao, ZHAO Xing-hong, ZHAO Yong-gang(368)
Irradiation of Burnable Poison-Erbium and Its Isotopic Determination by TIMS	LIANG Bang-hong, CHEN Yun-ming, LIU Zhi, SUN Peng, LI Bing, YANG Bin(373)
Adsorption of Uranium(VI) on Micro Ceramic Materials	ZHU Rui-zhi, LI Li-li, ZHU Liu-chao, ZHAO Li-fei, ZHAO Yong-gang(377)

No. 6

Development of Pyroprocessing of Spent Nuclear Fuel by Molten Salts Electrolysis	TANG Hao, REN Yi-ming, SHAO Lang, ZHONG Yi, GAO Rui(385)
Chemical Speciation Analysis Code CHEMSPEC and Its New Improvements	LIU Chun-li, WANG Xiang-yun, ZHOU Wan-qiang(397)
Exothermic Reaction Behavior of TBP With Nitric Acid and n-Dodecane Under Adiabatic Conditions	ZHANG Chun-long, CAO Zhi, ZHAO Shan-gui, YANG Liu, SU Zhe, HONG Zhe, HE Hui(403)
Simulation Experiment on Recovering Plutonium Ion From Pyrochemical Salt Residues by Liquid Cathod Method	TANG Hong-bin, LI Xun, LIN Ru-shan, HE Hui, YE Guo-an(409)
Computer Simulation of Single-Stage Reductive Stripping of U(IV) With Pu(IV)	YU Ting, HE Hui, HONG Zhe, CHEN Yan-xin, YE Guo-an(413)
Relationship Between Structure of Salt-Free Organic Reductant and Its Oxidation Products	ZHANG Ning-yuan, OU YANG Ying-gen, XIAO Song-tao, WANG Yan, LI Hui-bo, WANG Ling-yu(422)
Calculation on Shielding of Dry Storage Facilities for Spent Fuel	HONG Zhe, ZHAO Shan-gui, YU Ting, HE Wei, LIU Xin-hua(431)
Key Vitrification Process Parameters of Radioactive Rock Wool	CAO Qi, CHEN Yun-ming, ZHANG Jing-song, LU Yong-hong, FENG Wei-wei, LU Yun-yun, LI Bing, LIU Xia-jie, YAN Wen-chao(437)
Radionuclides in Seawater and Sediments From Near-Shore Area of Shenzhen	DING Min-xia, LIU Guo-qing, SU Ling-ling, FENG Jiang-ping, SHI Jin-song, LUO Qi(442)
Removal of Flouride From Aqueous Solution by Urea Formaldehyde Resin Loaded Ce^{4+}	CHEN Bin, ZHAO Yi-shu, XIE Jian-nan, TANG Shuang-ling(447)
Synthesis of High Efficient Absorbent for Sr by Freezing and Thawing Method	ZHENG Yu, LI Yu-song, ZHANG Zhen-tao, WANG Lei, HUA Xiao-hui, YOU Xin-feng, ZHENG Wen-jun, YANG Lin-yue(454)
Preparation of $\text{CeO}_2/\text{SiO}_2$ Adsorbent and Its Adsorption for Iodate	LIN Jin, WU Yan, WEI Yue-zhou(459)
JOURNAL OF NUCLEAR AND RADIOCHEMISTRY ANNUAL CUMULATIVE CONTENTS OF	