

## 目 次

### 综合评述

深海富稀土沉积研究的若干问题 ..... 张霄宇\*, 石学法, 黄 牧, 滕国超, 麻书畅, 黄大松 517

### 稀土发光

$\text{Ca}_2\text{Y}_8(\text{SiO}_4)_6\text{O}_2:\text{Eu}^{3+}$  荧光粉的制备、结构与荧光性质研究 ..... 李振亚, 陈雪妍, 胡芳芳, 魏荣妃, 郭 海\* 530

$\text{LuAG}:\text{Ce}$  荧光粉的熔盐法制备及其发光性能研究 ..... 管鹤群, 崔 俊, 刘丽丽, 彭家庆\*, 杜 甫, 叶信宇\* 537

无笼中  $\text{OH}^-$  的  $\text{Sm}^{3+}$  掺杂  $\text{C}_{12}\text{A}_7$  红光发射导电荧光粉的制备及其光学特性 .....  
..... 周佳玉, 张 猛, 杨 健, 刘春光, 祝汉成, 严端廷, 徐长山, 刘玉学\* 545

### 稀土催化

稀土金属杂环戊二烯化合物的合成及其催化活性研究 ..... 柳 高, 王连军\*, 李峥嵘\*, 王 岩, 陈建芳 552

### 磁学和磁性材料

$\text{LaFe}_{13-x}\text{Si}_x$  合金中不同铁磁态磁化率与磁场诱导磁相变的临界磁场实验研究 ..... 陈 湘\*, 陈云贵, 唐永柏 560

### 稀土新材料

$(\text{La}_{0.2}\text{Pr}_{0.8})_{0.7}\text{Sr}_{0.3}\text{CoO}_3/\text{Nb-SrTiO}_3$  异质结的光伏特性研究 ..... 赵省贵\*, 樊 琳, 王 梅, 李天才, 任丽霞, 张 涛 568

### 稀土化学与湿法冶金

$\text{MgCl}_2$  焙烧分解白云鄂博氟碳铈矿的研究 ..... 许延辉\*, 马升峰, 郭文亮, 王 荣 574

活化温度对包头稀土精矿酸浸过程的影响 ..... 郭小龙, 白立忠, 孙 旭, 冯宗玉\*, 王 猛, 龙志奇, 魏煜青 583

### 稀土金属学与火法冶金

$\text{LiF-DyF}_3\text{-Cu}_2\text{O-Dy}_2\text{O}_3$  熔盐体系的粘度特性研究 ..... 廖春发\*, 林觉远, 蔡伯清, 陈淑梅, 王 旭, 曾颜亮 589

### 稀土应用

$\text{Sr}(\text{Ce}_{0.6}\text{Zr}_{0.4})_{1-x}\text{Y}_x\text{O}_3$  质子电解质的合成研究 ..... 张 华\*, 李 帅, 王书明, 王树茂, 蒋利军 596

以花粉为模板合成稀土掺杂  $\text{TiO}_2$  的性能研究 ..... 陈 宸, 包芮于, 夏建新, 陈慧英, 李 华\* 602

二乙基二硫代氨基甲酸镧在丁腈橡胶中的应用研究 ..... 王雅静, 吕运强, 胡 水, 胡 涛, 温世鹏, 刘 力\* 609

### 稀土地矿

临涣采煤沉陷区地表水稀土元素地球化学特征 ..... 王志山, 郑刘根\*, 董祥林, 魏祥平, 姜春露, 陈 星 617

甘肃某复杂钕稀土矿石矿物学及选矿工艺特性研究 ..... 邱显扬\*, 李美荣, 梁冬云, 李 波, 洪秋阳, 张莉莉 625

滇东南建水钕稀土矿的矿物特征及研究意义 ..... 王学武, 李新仁\*, 瞿 亮, 严城民, 张 黎 635

\* 通讯联系人

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# Journal of the Chinese Society of Rare Earths

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## Contents

Some Problems in Research of Deep Sea Rare Earth Rich Deposit .....	Zhang Xiaoyu et al.	517
Fabrication, Structural and Luminescent Properties of $\text{Ca}_2\text{Y}_8(\text{SiO}_4)_6\text{O}_2:\text{Eu}^{3+}$ Phosphors .....	Li Zhenya et al.	530
Molten Salt Synthesis and Luminescence Properties of LuAG:Ce Phosphor .....	Guan Hequn et al.	537
Synthesis and Optical Properties of $\text{Sm}^{3+}$ Doped $\text{C}_{12}\text{A}_7$ Red Emitting Conductive Phosphors without Encaged $\text{OH}^-$ Anions .....	Zhou Jiayu et al.	545
Synthesis and Catalytic Activity of Rare Earth Heterocyclopentadiene Compounds .....	Liu Gao et al.	552
Experimental Studies of Magnetic Susceptibility for Different Ferromagnetic States and Critical Field for Field-Induced Magnetic Phase Transition in $\text{LaFe}_{13-x}\text{Si}_x$ Alloys .....	Chen Xiang et al.	560
Transport and Photovoltaic Properties of $(\text{La}_{0.2}\text{Pr}_{0.8})_{0.7}\text{Sr}_{0.3}\text{CoO}_3/\text{Nb-SrTiO}_3$ Heterojunction .....	Zhao Shenggui et al.	568
Bayan Obo Bastnaesite Roasting Decomposition with $\text{MgCl}_2$ .....	Xu Yanhui et al.	574
Effect of Activation Temperature on Leaching Rate of Baotou Rare Earth Concentrate .....	Guo Xiaolong et al.	583
Viscosity Characteristics of $\text{LiF-DyF}_3\text{-Cu}_2\text{O-Dy}_2\text{O}_3$ Molten Salt System .....	Liao Chunfa et al.	589
Synthesis of $\text{Sr}(\text{Ce}_{0.6}\text{Zr}_{0.4})_{1-x}\text{Y}_x\text{O}_3$ Proton Electrolyte .....	Zhang Hua et al.	596
Synthesis and Properties of Rare Earth Doped $\text{TiO}_2$ with Plant Pollen as Template .....	Chen Chen et al.	602
Application of Lanthanum Diethyldithiocarbamate as Rubber Accelerator Used in Nitrile Butadiene Rubber .....	.....	.....
.....	Wang Yajing et al.	609
Geochemistry of Rare Earth Elements in Surface Water from the Linhuan Coal Mining Subsidence .....	Wang Zhishan et al.	617
Mineralogical Features and Mineral Processing Characteristics of a Complex Niobium-Rare Earth Ore from Gansu Province .....	.....	.....
.....	Qiu Xianyang et al.	625
Ore Mineral Characteristics and Research Significance in Puxiong Niobium and Rare Earth Mine, Jianshui County, Yunnan Province .....	Wang Xuewu et al.	635

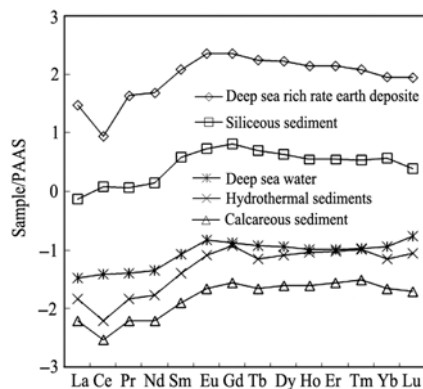
目录

综合评述

517 深海富稀土沉积研究的若干问题

张霄宇\*, 石学法, 黄牧, 滕国超,  
麻书物, 黄大松

中国稀土学报, 2019, 37(5): 517-529



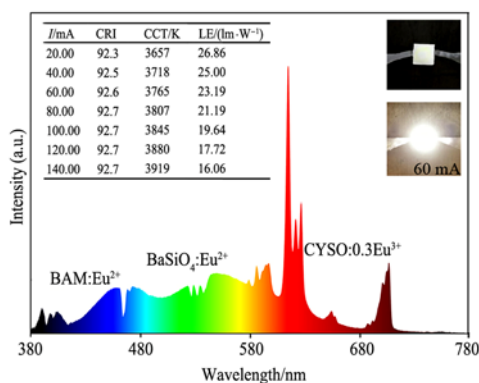
PAAS normalization of RE in different deep sea deposits

稀土发光

530  $\text{Ca}_2\text{Y}_8(\text{SiO}_4)_6\text{O}_2:\text{Eu}^{3+}$  荧光粉的制备、结构与  
荧光性质研究

李振亚, 陈雪妍, 胡芳芳, 魏荣妃,  
郭海\*

中国稀土学报, 2019, 37(5): 530-536

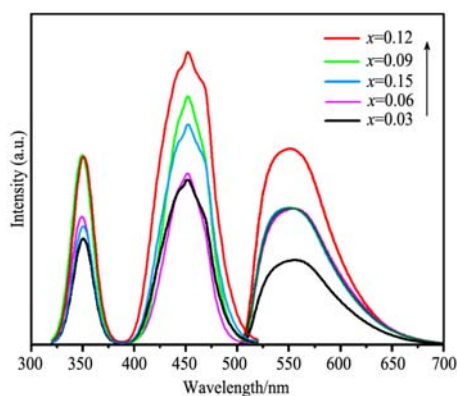


Electroluminescence emission spectra of the packaged W-LED device consisting of near ultraviolet (n-UV) chip (395 nm),  $\text{CYSO:0.3Eu}^{3+}$ , commercial blue-emitting  $\text{BAM:Eu}^{2+}$  and green-emitting  $\text{BaSiO}_4:\text{Eu}^{2+}$  phosphors (Inset describes color temperature (CCT), color rendering index (CRI) and luminous efficacy (LE) values of the fabricated W-LED at various currents, and digital image of the packaged W-LED device under current of 60 mA)

537  $\text{LuAG:Ce}$  荧光粉的熔盐法制备及其发光性能研究

管鹤群, 崔俊, 刘丽丽, 彭家庆\*, 杜甫,  
叶信宇\*

中国稀土学报, 2019, 37(5): 537-544

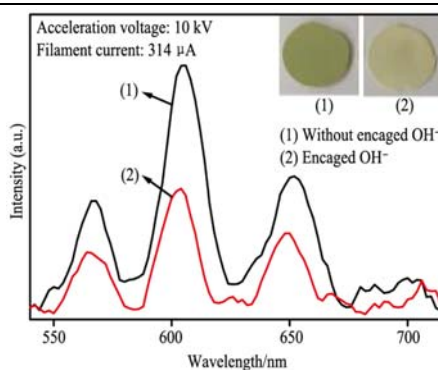


Excitation and emission spectra of  $\text{Lu}_{3-x}\text{Ce}_x\text{Al}_5\text{O}_{12}$  ( $x=0.03\sim 0.12$ ) phosphors at 1500 °C

545 无笼中  $\text{OH}^-$  的  $\text{Sm}^{3+}$  掺杂  $\text{C}_{12}\text{A}_7$  红光发射导电  
荧光粉的制备及其光学特性

周佳玉, 张猛, 杨健, 刘春光, 祝汉成,  
严端廷, 徐长山, 刘玉学\*

中国稀土学报, 2019, 37(5): 545-551

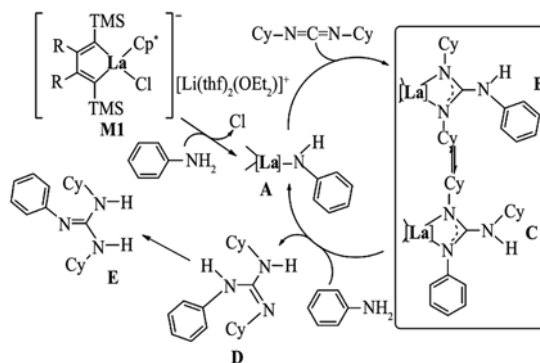


Cathodoluminescence spectra of the optimized  $\text{C}_{12}\text{A}_7:\text{Sm}^{3+}$  conductive phosphors without and with encaged  $\text{OH}^-$  anions (Inset shows photographs of two kinds of samples formed by pressing powders)

## 稀土催化

552 稀土金属杂环戊二烯化合物的合成及其催化活性研究

柳 高, 王连军\*, 李峥嵘\*, 王 岩, 陈建芳



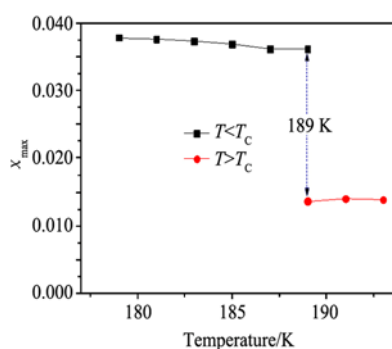
Mechanism of guanylation reaction of amines with carbodiimides

中国稀土学报, 2019, 37(5): 552-559

## 磁学和磁性材料

560  $\text{LaFe}_{13-x}\text{Si}_x$  合金中不同铁磁态磁化率与磁场诱导磁相变的临界磁场实验研究

陈 湘\*, 陈云贵, 唐永柏



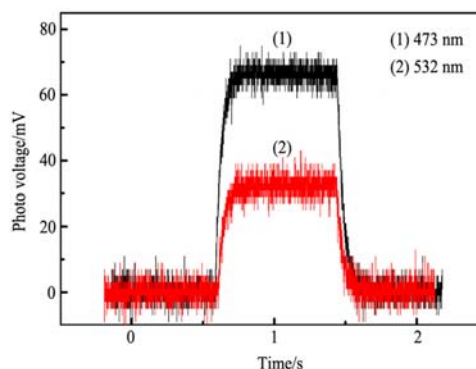
Maximum susceptibility of ferromagnetic state dependent temperature in  $\text{LaFe}_{13-x}\text{Si}_x$  samples (in Fig. 3) at  $T < T_c$  and  $T > T_c$ , respectively ( $\text{LaFe}_{11.6}\text{Si}_{1.4}$  prepared by arc melting annealed at 1523 K (7 h)+1323 K (2 h))

中国稀土学报, 2019, 37(5): 560-567

## 稀土新材料

568  $(\text{La}_{0.2}\text{Pr}_{0.8})_{0.7}\text{Sr}_{0.3}\text{CoO}_3/\text{Nb-SrTiO}_3$  异质结的光伏特性研究

赵省贵\*, 樊 琳, 王 梅, 李天才, 任丽霞, 张 涛



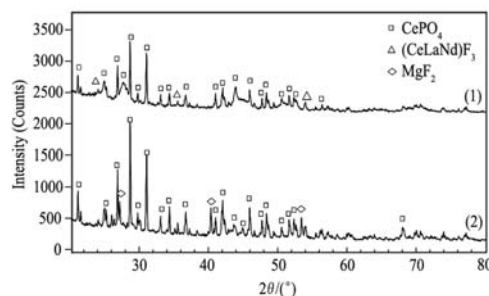
Photovoltage of heterojunction as a function of time under wavelengths of 473 and 532 nm

中国稀土学报, 2019, 37(5): 568-573

## 稀土化学与湿法冶金

574  $\text{MgCl}_2$  焙烧分解白云鄂博氟碳铈矿的研究

许延辉\*, 马升峰, 郭文亮, 王 荣

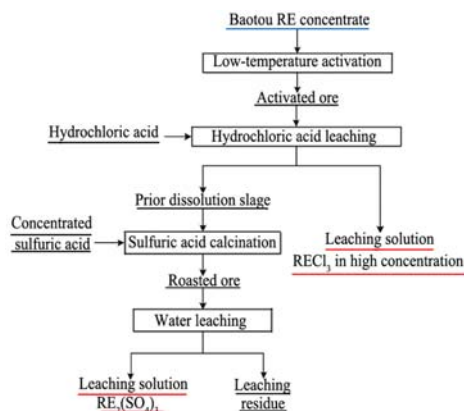


X-ray diffractogram of acid extracting residue of roasted ore  
(1) Oxidized roasting ore;  
(2)  $\text{MgCl}_2$  roasting ore

中国稀土学报, 2019, 37(5): 574-582

郭小龙, 白立忠, 孙旭, 冯宗玉\*, 王猛, 龙志奇, 魏煜青

中国稀土学报, 2019, 37(5): 583-588

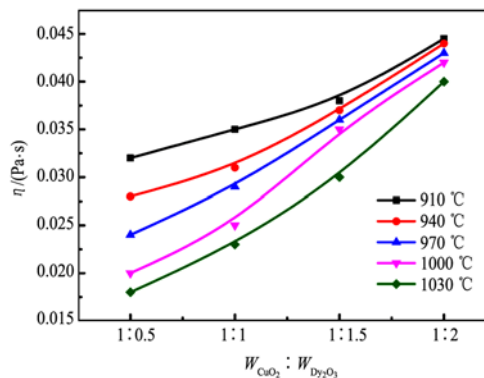


Process flow of Baotou mine low temperature activation-hydrochloric acid leaching-sulfuric acid roasting and water immersion

稀土金属学与火法冶金

廖春发\*, 林觉远, 蔡伯清, 陈淑梅, 王旭, 曾颜亮

中国稀土学报, 2019, 37(5): 589-595

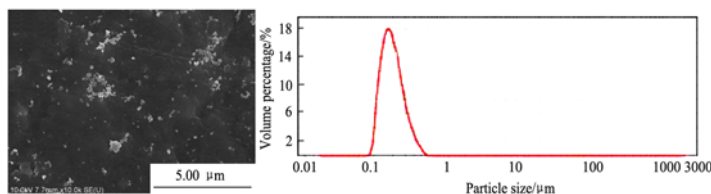


Relationship between the mixed amount of Cu<sub>2</sub>O, Dy<sub>2</sub>O<sub>3</sub> and viscosity of molten salts system

稀土应用

张华\*, 李帅, 王书明, 王树茂, 蒋利军

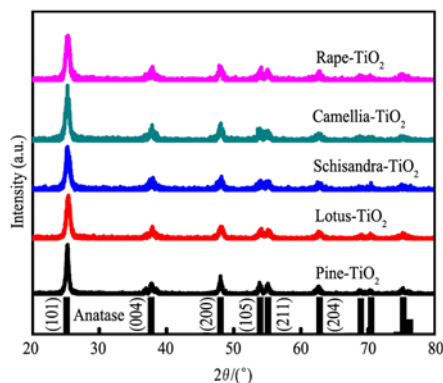
中国稀土学报, 2019, 37(5): 596-601



Diagrams of powder particle size distribution (Sample 3<sup>#</sup>)

陈宸, 包芮于, 夏建新, 陈慧英, 李华\*

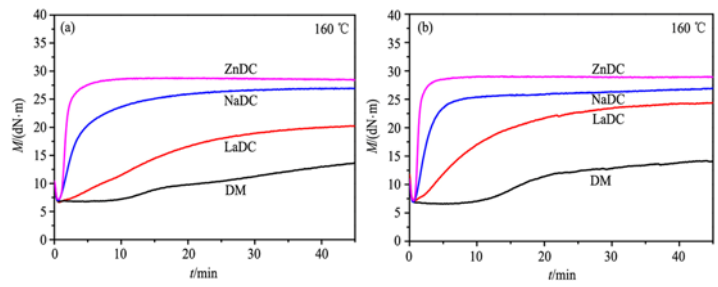
中国稀土学报, 2019, 37(5): 602-608



XRD patterns of TiO<sub>2</sub> with different pollens as templates

609 二乙基二硫代氨基甲酸镧在丁腈橡胶中的应用研究

王雅静, 吕运强, 胡水, 胡涛, 温世鹏, 刘力\*



Curing characteristic curves of NBR compounds containing different accelerators

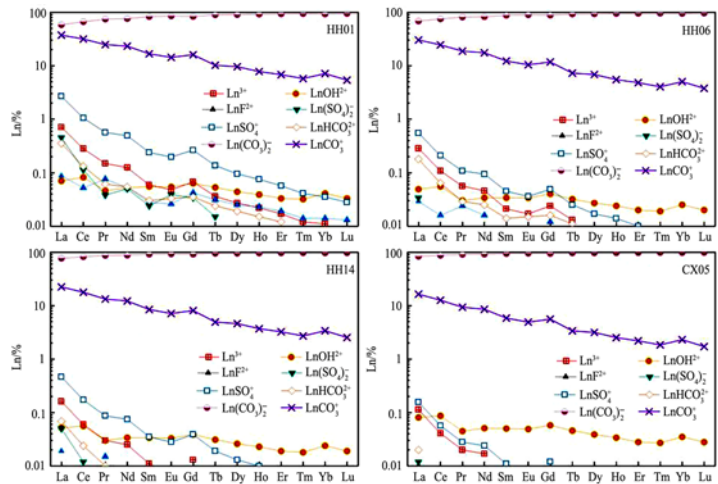
中国稀土学报, 2019, 37(5): 609-616

Percent of accelerators: (a) 0.8 phr, (b) 1.5 phr

稀土地矿

617 临涣采煤沉陷区地表水稀土元素地球化学特征

王志山, 郑刘根\*, 董祥林, 魏祥平, 姜春露, 陈星

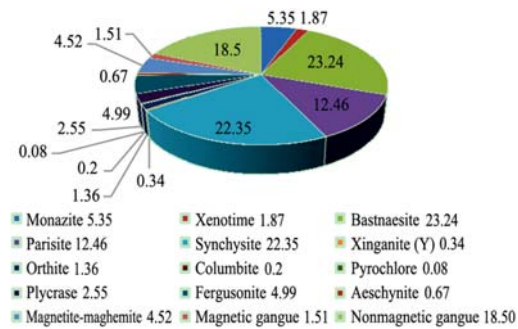


Percent of different inorganic complexes of dissolved REEs in surface water from Linhuan coal mining subsidence

中国稀土学报, 2019, 37(5): 617-624

625 甘肃某复杂钕稀土矿石矿物学及选矿工艺特性研究

邱显扬\*, 李美荣, 梁冬云, 李波, 洪秋阳, 张莉莉

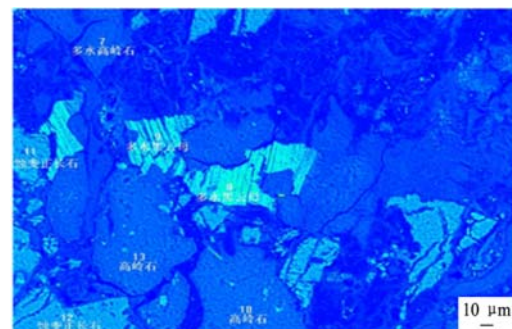


Distribution of REO in ore

中国稀土学报, 2019, 37(5): 625-634

635 滇东南建水铌稀土矿的矿物特征及研究意义

王学武, 李新仁\*, 瞿亮, 严城民, 张黎



Interlocking EPMA phase diagram of altered orthoclase, kaolinite and biotite

中国稀土学报, 2019, 37(5): 635-646