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\* 通讯联系人

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# Journal of the Chinese Society of Rare Earths

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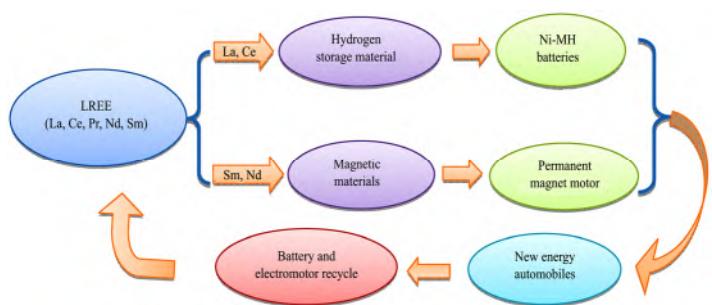
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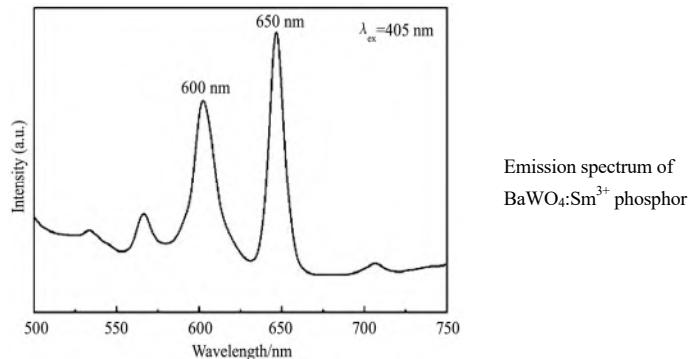
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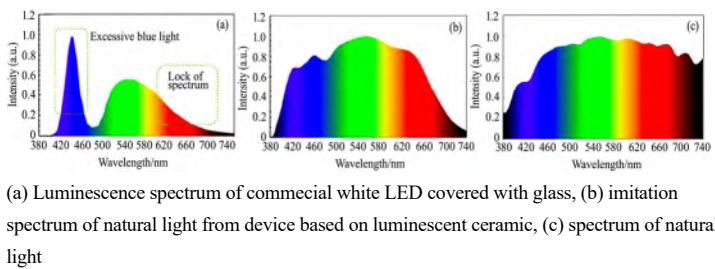


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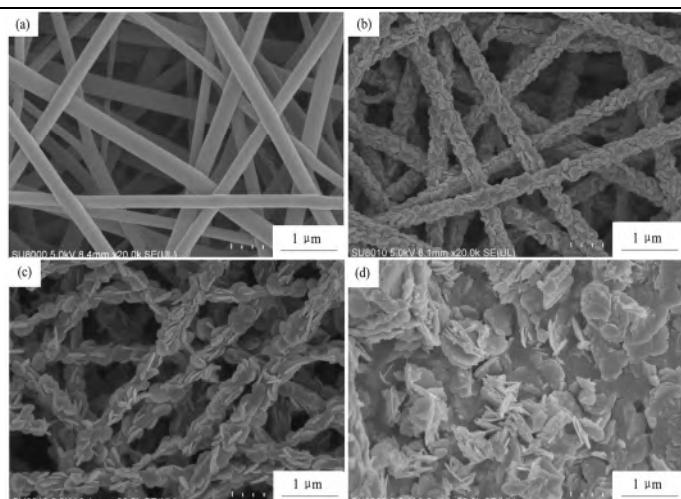


(a) Luminescence spectrum of commercial white LED covered with glass, (b) imitation spectrum of natural light from device based on luminescent ceramic, (c) spectrum of natural light

## 稀土催化

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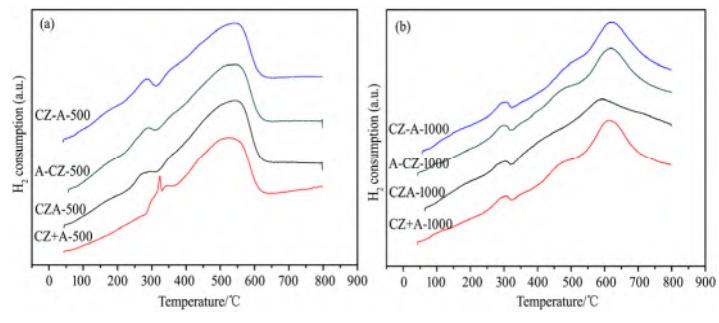
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SEM patterns of TiO<sub>2</sub> nanofibers and different composite photocatalysts  
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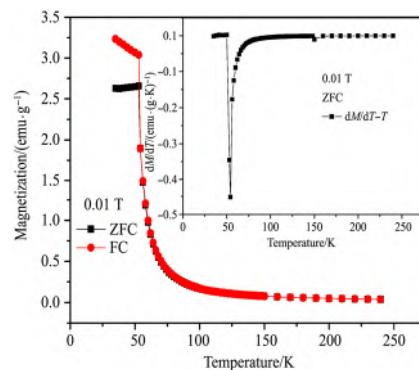
杨黄根<sup>\*</sup>, 晏全, 韦庆敏, 陈渊, 朱立刚, 覃利琴, 肖益鸿<sup>\*</sup>



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### 磁学和磁性材料

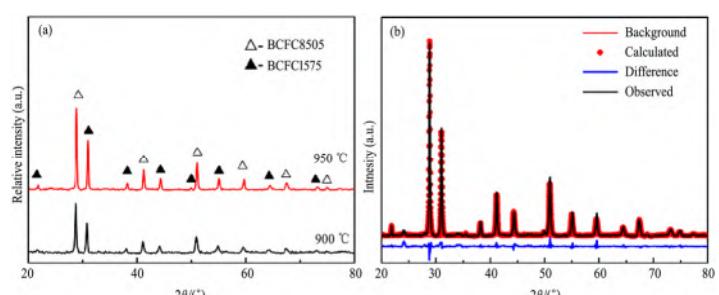
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### 稀土新材料

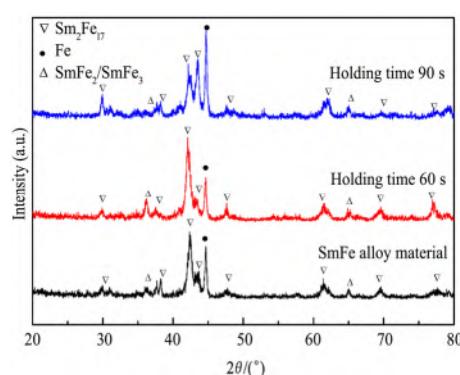
操航, 陈阳, 朱琳, 洪涛, 程继贵<sup>\*</sup>



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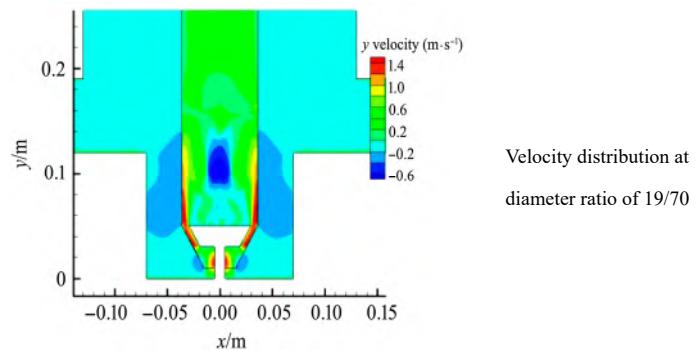
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张一昆, 王书桓<sup>\*</sup>, 宋春燕, 柳昆, 李博海



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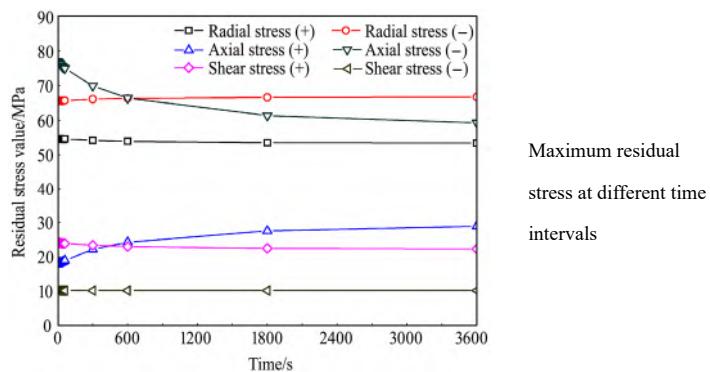
逢启寿\*, 李跃飞, 李玉泽, 熊云鹏, 张浩



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崔艳雨\*, 张啸寒, 庞铭



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杨思宇, 解清, 赵倩倩, 薛恒, 梁永明,  
王京宇\*

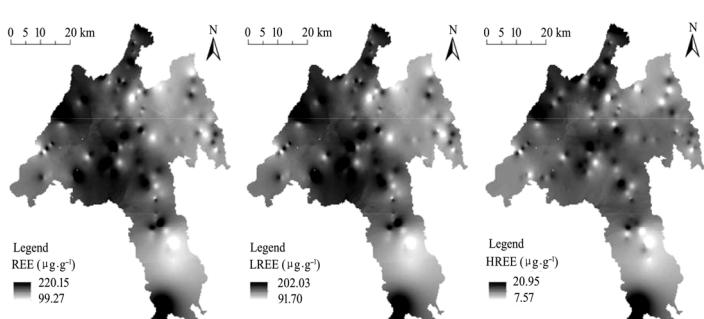
Difference of serum rare earth elements concentration between case group and control group

Elements	Case group ( $n=90$ )	Control group ( $n=95$ )	P
La	0.068(0.039,0.097)	0.077(0.052,0.118)	0.022
Ce	0.084(0.056,0.123)	0.100(0.071,0.141)	0.031
Pr	0.020(0.010,0.029)	0.023(0.016,0.031)	0.015
Nd	0.100(0.059,0.153)	0.119(0.870,0.170)	0.012
Sm	0.048(0.019,0.076)	0.063±0.034	0.007
Eu	0.013(0.004,0.020)	0.017±0.010	0.012
Gd	0.030(0.019,0.044)	0.040±0.019	0.011
Tb	0.010(0.005,0.013)	0.011±0.005	0.014
Dy	0.034(0.022,0.047)	0.044(0.031,0.060)	0.000
Ho	0.012±0.006	0.013(0.010,0.017)	0.010
Er	0.025(0.017,0.035)	0.031(0.023,0.042)	0.001
Tm	0.006(0.004,0.009)	0.007(0.005,0.011)	0.032
Yb	0.020(0.013,0.026)	0.022(0.016,0.028)	0.072
Lu	0.006(0.004,0.008)	0.006(0.005,0.009)	0.073
Y	0.299(0.212,0.409)	0.392(0.312,0.500)	0.000

Unit:  $\text{ng} \cdot \text{mL}^{-1}$ ; Elements of normal distribution are represented by mean and standard deviation; Non-normally distributed elements are represented by  $P_{50}$  ( $P_{25}, P_{75}$ ).

### 稀土地矿

刘永林, 雒昆利, 袁余洋\*

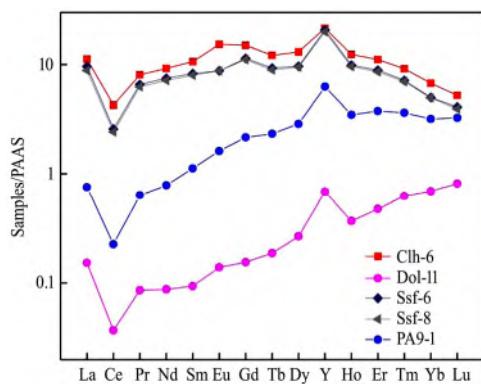


Spatial distribution of rare earth elements in surface soil of Jiangjin district

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225 贵州织金寒武纪磷块岩中磷灰石和白云石  
稀土元素的 LA-ICP-MS 分析：对沉积环境  
和成岩过程的指示意义

娄方炬，顾尚义\*

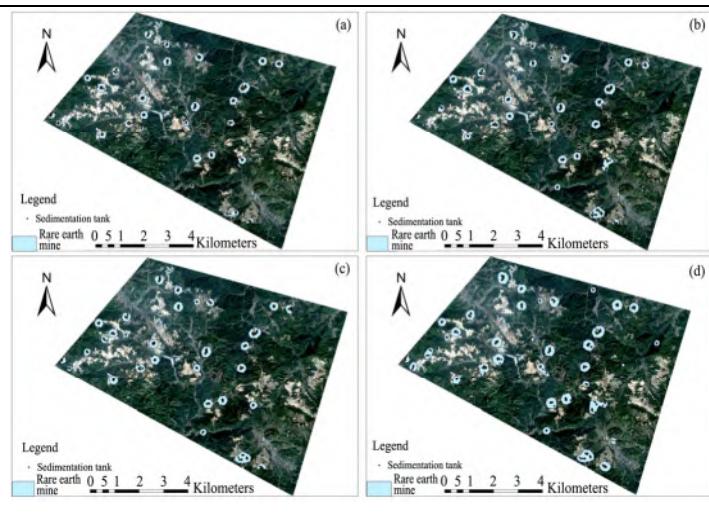


REE patterns of  
seawaters and dolomites,  
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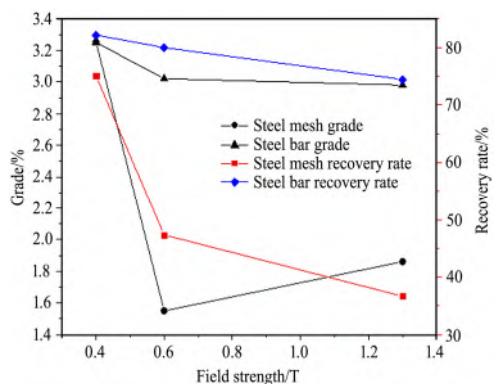


Distribution maps of rare earth mines

(a) 1 m; (b) 1.5 m; (c) 2 m; (d) 2.5 m

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贺宇龙, 王建英\*, 贾艳, 王介良, 闫艳军



Medium condition test  
of electromagnetic high  
gradient magnetic  
separator

中国稀土学报, 2020, 38(2): 251-256