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## $\text{Sr}_3\text{AlO}_4\text{F}:\text{Eu}^{3+}$

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摘要:

x x y y y y

关键词:

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### Effect of The Introduction of BN on The Luminescence Properties of $\text{Sr}_3\text{AlO}_4\text{F}:\text{Eu}^{3+}$ Red Phosphors

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Abstract

x x y y y y

x x y y y y

x x y y y y

Key words

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$M$   $x A_x$   $y M_y$   $A$   $x$

$y y y y$

$I mcm$   $a b$

$c$

$CN r$

$CN r$

$CN r$

$y y y y$

$a c$

$x y y y y x$

$\lambda$

$\theta$

$y y y y$

$y$

$y y y y$

$y$



Sr(1)  
Sr(2)

F

O

AlO<sub>4</sub>

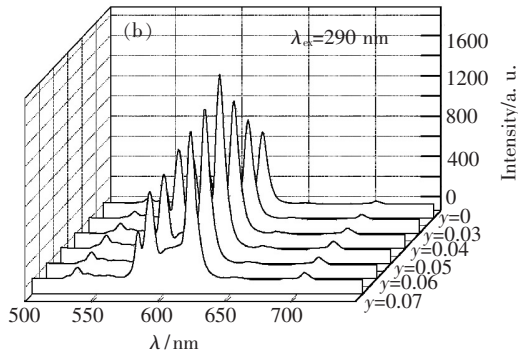
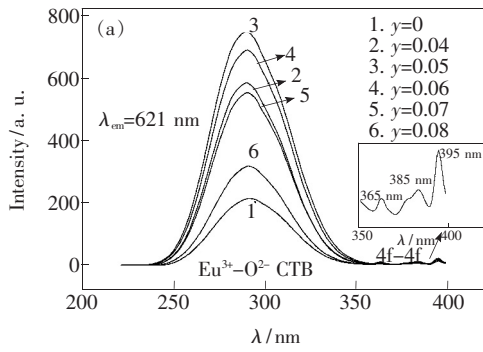
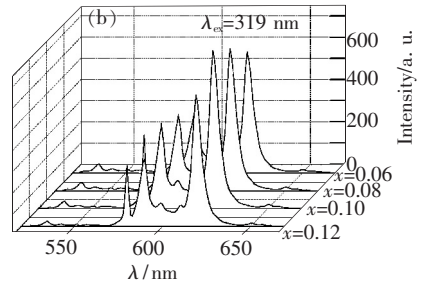
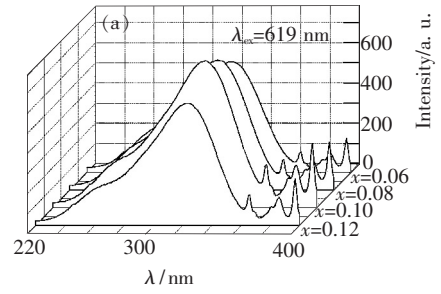
$y$



y

y

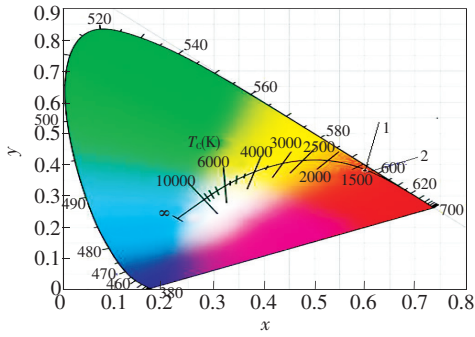
y



x x x  
λ λ λ  
λ x x  
x x x x  
x x x x  
x

y y y y y  
λ λ  
λ  
λ  
y y y y

R V X N



$x$   
 $y$   $y$   $y$   $y$   $x$

$y$

$\lambda$

$x$

$\lambda$

$R$

$R$

$V$

$N$

$X$

$V N$

$X$

$R$

$R$

$y$

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 $A(x)/A(x)$  , ,  $M$  , [ ] *J. Lumin.* , , ( ):  
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