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46

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CN 102127810 A,2011.07.20
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CN 105148972 A,2015.12.16
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审查员

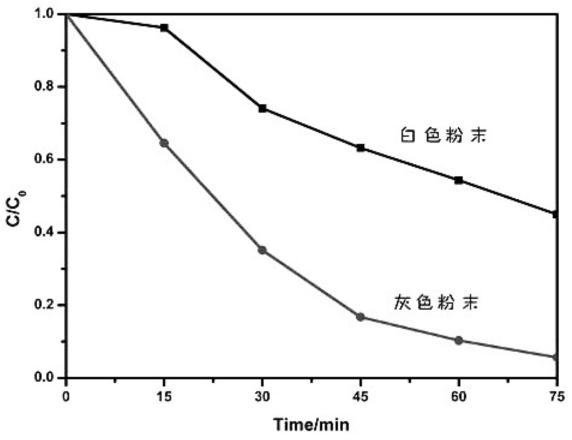
(54)发明名称

(57)摘要

60min

300W 30min

300-1300nm



权利要求书

1.

1 60min

100 150min

2

300W 30min

$Bi_6O_5(OH)_3(NO_3)_5(H_2O)_3$

一种具有可见光响应的灰色碱式硝酸铋光催化材料的制备方法

技术领域

[0001]

背景技术

[0002] 6000

Chem. Commun., 2011, 47(25):7054

Materials Letters, 203 (2017) 77-80

Interface Science, 348 (2010) 211-215

发明内容

[0003]

[0004]

[0005] 1 60min

[0006] 2

300W 30min

$Bi_6O_5(OH)_3(NO_3)_5(H_2O)_3$

[0007] 1 100 150min

[0008] 2

[0009]

300-1300nm

附图说明

[0010] 1 1

[0011] 2 1 X

[0012] 3 1 SEM

[0013] 4 1

B

具体实施方式

[0014]

[0015] 1

[0016] 1 4.85g 400n/min 60min 100 150min

[0017] 2 0.65g 300W 30min

[0018] 1

[0019] 2 XRD PDF 70-1226 $Bi_6O_5(OH)_3(NO_3)_5(H_2O)_3$

[0020] 3

[0021] 4 300W 400nm B 75min 55% B 75min 95% B B

[0022] 2

[0023] 1 4.85g 400n/min 60min 100 150min

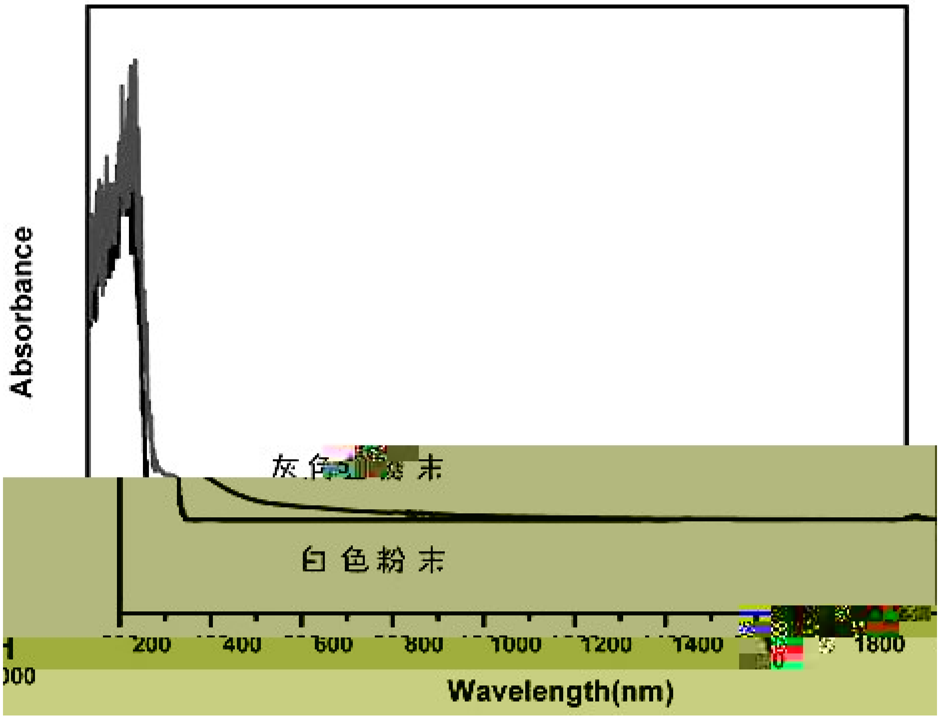
[0024] 2 0.75g 300W 30min

[0025] 3

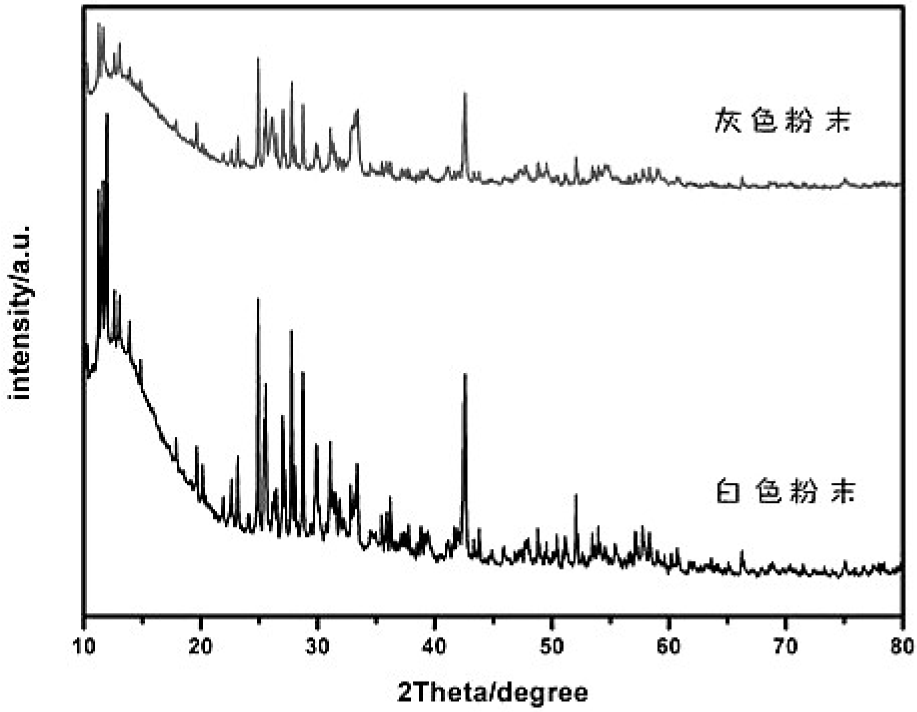
[0026] 1 4.85g 400n/min 60min 100 150min

[0027] 2 0.85g 300W 30min

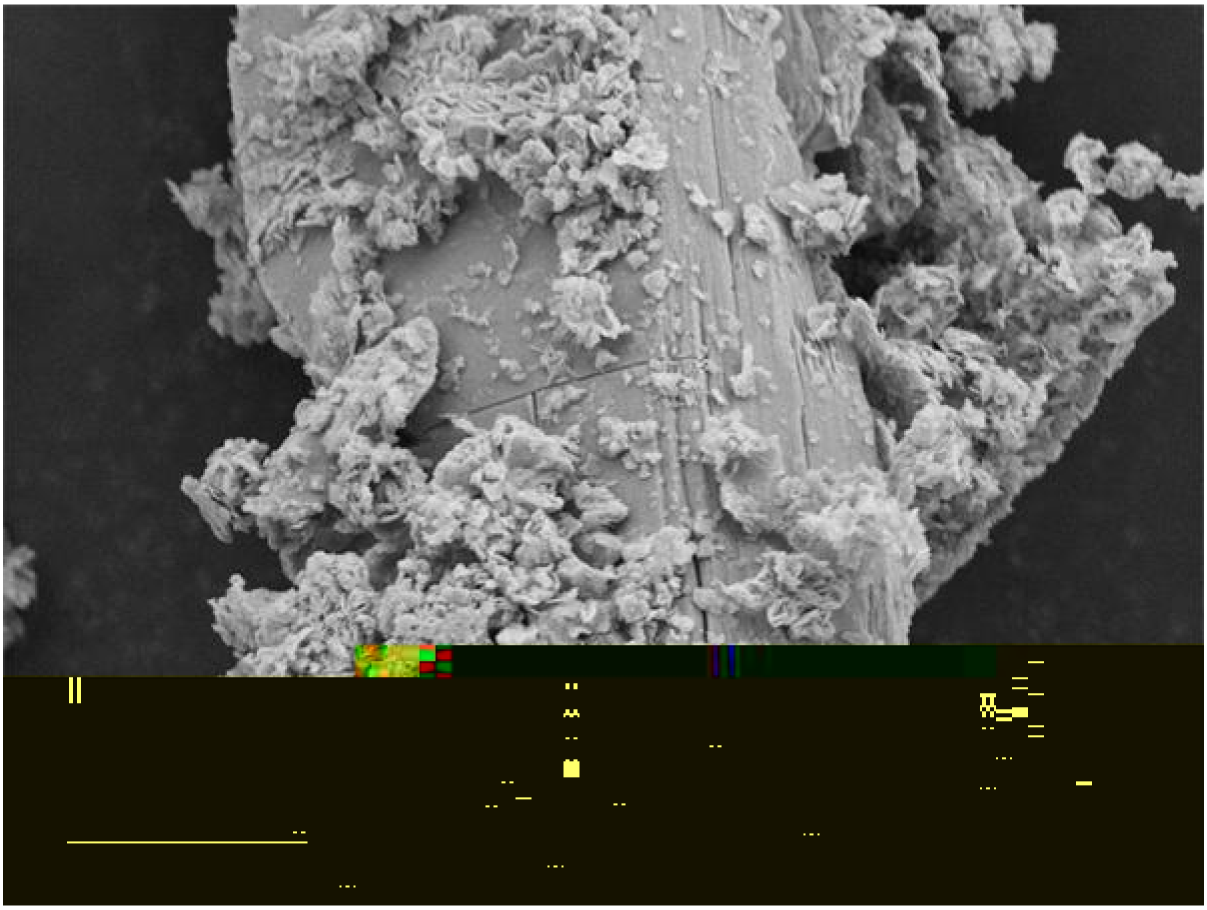
[0028]

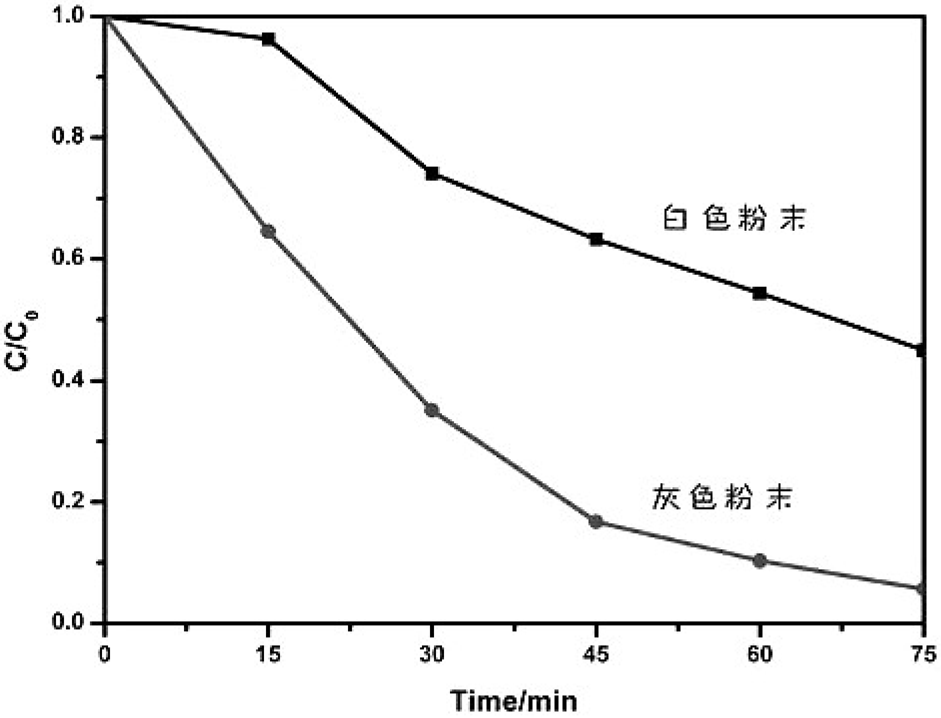

Absorbance
灰色粉末
白色粉末
200
400
600
800
1000
1200
1400
1800
Wavelength(nm)

1


intensity/a.u.
灰色粉末
白色粉末
10
20
30
40
50
60
70
80
2Theta/degree

2





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