Accepted Manuscript

Novel emission-tunable oxyapatites-type phosphors: Synthesis, luminescent properties and the applications in white light emitting diodes with higher color rendering index

Qingfeng Guo, Chenglong Zhao, Zhouqing Jiang, Libing Liao, Haikun Liu, Dan Yang, Lefu Mei

PII: S0143-7208(16)30628-3

DOI: 10.1016/j.dyepig.2016.12.042

Reference: DYPI 5667

To appear in: Dyes and Pigments

- Received Date: 1 September 2016
- Revised Date: 21 November 2016

Accepted Date: 18 December 2016

Please cite this article as: Guo Q, Zhao C, Jiang Z, Liao L, Liu H, Yang D, Mei L, Novel emissiontunable oxyapatites-type phosphors: Synthesis, luminescent properties and the applications in white light emitting diodes with higher color rendering index, *Dyes and Pigments* (2017), doi: 10.1016/ j.dyepig.2016.12.042.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

1	Novel emission-tunable oxyapatites-type phosphors: synthesis, luminescent
2	properties and the applications in white light emitting diodes with higher color
3	rendering index
4	Qingfeng Guo, ^a Chenglong Zhao, ^{b, c} Zhouqing Jiang, ^d Libing Liao [*] , ^a Haikun Liu, ^a Dan Yang, ^a Lefu
5	Mei ^{*a}
б	^a Beijing Key Laboratory of Materials Utilization of Nonmetallic Minerals and Solid Wastes, National
7	Laboratory of Mineral Materials. School of Materials Sciences and Technology, China University of
8	Geosciences, Beijing 100083, China
9	^b Key Laboratory for Renewable Energy, Beijing Key Laboratory for New Energy Materials and Devic
10	es, Beijing National Laboratory for Condensed Matter Physics, Institute of Physics, Chinese Academy
11	of Sciences, Beijing 100190, China
12	^c University of the Chinese Academy of Sciences, Beijing 100049, P. R. China
13	^d National Engineering Research Center for Rare Earth Materials, General Research Institute for
14	Nonferrous Metals, and Grirem Advanced Materials Co., Ltd., Beijing 100088, PR China
15	
16	
17	* Corresponding Authors
18	Libing Liao, E-mail: <u>lbliao@cugb.edu.cn;</u> phone:+86-10-82331701; fax:+86-10-82331701;
19	Lefu Mei, E-mail: <u>mlf@cugb.edu.cn;</u> phone:+86-10-82331701; fax:+86-10-82331701;
20	

Download English Version:

https://daneshyari.com/en/article/4766094

Download Persian Version:

https://daneshyari.com/article/4766094

Daneshyari.com