### Accepted Manuscript

Simultaneous substitutions of Gd3+ and Dy3+ in  $\beta$ -Ca3(PO4)2 as a potential multifunctional bio-probe

Rugmani Meenambal, P. Nandha Kumar, Pavan Poojar, Sairam Geethanath, S. Kannan

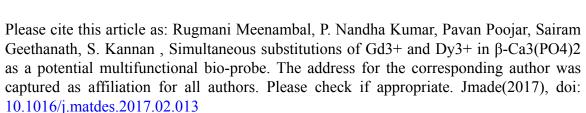
PII: S0264-1275(17)30142-9

DOI: doi: 10.1016/j.matdes.2017.02.013

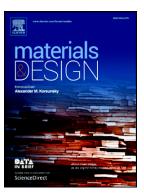
Reference: JMADE 2753

To appear in: Materials & Design

Received date: 8 December 2016 Revised date: 5 February 2017 Accepted date: 6 February 2017



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

# Simultaneous substitutions of $Gd^{3+}$ and $Dy^{3+}$ in $\beta$ -Ca $_3(PO_4)_2$ as a potential multifunctional bio-probe

Rugmani Meenambal<sup>a</sup>, P. Nandha Kumar<sup>a</sup>, Pavan Poojar<sup>b</sup>, Sairam Geethanath<sup>b</sup>, S. Kannan<sup>a\*</sup>

<sup>a</sup>Centre for Nanoscience and Technology,
Pondicherry University, Puducherry-605 014, INDIA

<sup>b</sup>Medical Imaging Research Centre,
Dayananda Sagar Institutions, Bangalore, INDIA

#### **Corresponding Author's Address**

Dr. S. Kannan Centre for Nanoscience and Technology,

Pondicherry University, Puducherry-605014, INDIA

E-mail: para\_kanna@yahoo.com

Phone: 0091-413-2654973

#### Download English Version:

## https://daneshyari.com/en/article/5023596

Download Persian Version:

https://daneshyari.com/article/5023596

<u>Daneshyari.com</u>