

## Shape-selective synthesis and opto-electronic properties of $\text{Eu}^{3+}$ -doped gadolinium oxysulfide nanostructures

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Published online: 16 June 2009  
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**Erratum to: J Mater Sci (2009) 44:3889–3899**  
**DOI 10.1007/s10853-009-3531-7**

On page 3891, the 14th line from the bottom of the page in the left-hand column should read as follows:  $\text{S:Eu}^{3+}$ , ( $\text{P}\bar{3}\text{m}1$ , 164], JCPDS # 26-1422; Lattice constant:

On page 3895 some of the labels in Fig. 5b are incorrect. The transition around 704 nm should be assigned to  $J = 4$ , and the sample emission spectra, reading from top to bottom, should be labeled B, B<sub>7</sub>, B<sub>8</sub>, B<sub>9</sub>, B<sub>10</sub>, B<sub>11</sub>, and B<sub>12</sub>.

In the discussion of Fig. 6b on page 3896 several references are made to “Y” which should have referred to

“Gd” instead. The corrected sentence, beginning ten lines from the bottom of page 3896 in the left-hand column, reads as follows:

Intense absorption peaks in the regions around 600, 1100, 1400, and 3500  $\text{cm}^{-1}$  may signify the presence of [ $\nu(\text{Gd/Eu-O})$ ,  $\delta(\text{Gd-S})$ ],  $\delta(\text{S-O})$ ,  $\nu(\text{C-O})$ , and  $\delta(\text{O-H})$  modes, respectively, in particular suggesting a significant modification in the stretching mode(s) of (Gd/Eu-O) complex.

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The online version of the original article can be found under doi:[10.1007/s10853-009-3531-7](https://doi.org/10.1007/s10853-009-3531-7).

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