

Investigation on the Structure and Photoluminescence Properties of

Eu^{3+} Ion Activated $\text{Y}_6\text{W}_x\text{Mo}_{(1-x)}\text{O}_{12}$

Huaiyong Li[†], Hyun Kyoung Yang[†], Jung Hyun Jeong^{†*}, Kiwan Jang[‡], Ho Sueb
Lee[‡], Soung Soo Yi[§]

[†]Department of Physics, Pukyong National University, Busan 608-737, Republic of
Korea

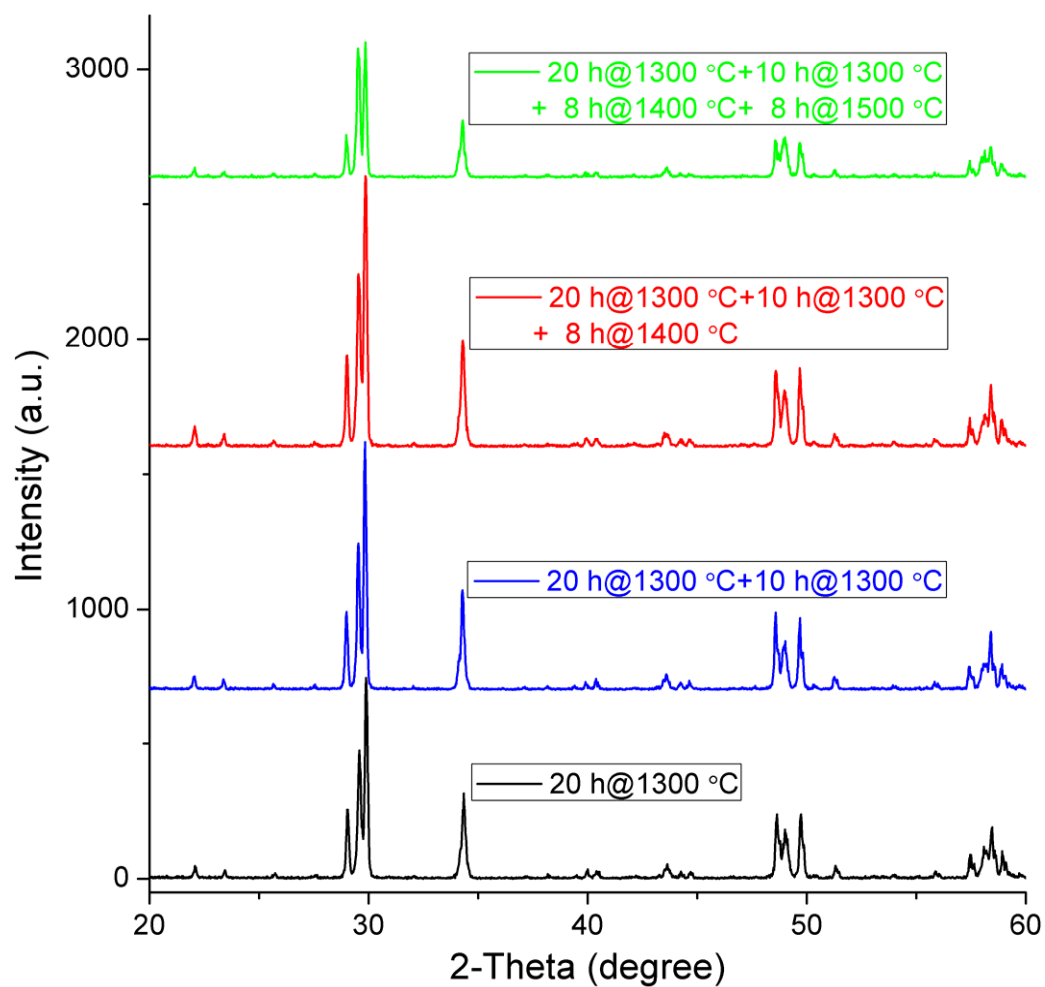
[‡]Department of Physics, Changwon National University, Changwon 641-773,
Republic of Korea

[§]Department of Electronic Material Engineering, Silla University, Busan 617-736,
Republic of Korea

* To whom correspondence should be addressed. Email: jhjeong@pknu.ac.kr, Fax:
+82-51-629-5549

Supplementary material (ESI) for Journal of Materials Chemistry

Electronic Supplementary Information (ESI)-1



XRD patterns of $\text{Y}_6\text{MoO}_{12}:\text{Eu}$ synthesized at different calcination temperatures and holding times.