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It is certify that the paper entitled by "1.75 eV Bright Red Emission of Pr3+ions doped in $\mathrm{CaO}-\mathrm{PbO}-\mathrm{B2O} 3-S i O 2$ glasses by Fe3+ sensitizer ions for red laser and LED" has been published in International Journal of Engineering and Science Invention (IJESI).

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