Plasmonic-assisted water gas shift reaction of gold particles on TiO$_2$

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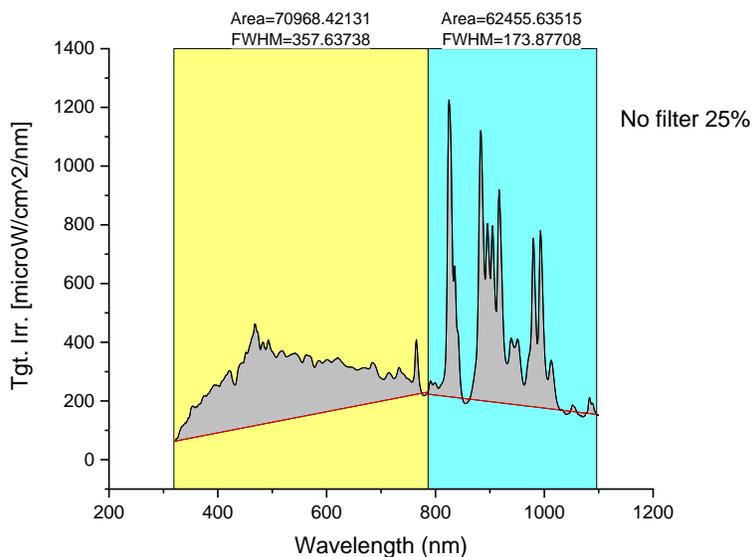
* hicham.idriss@kit.edu

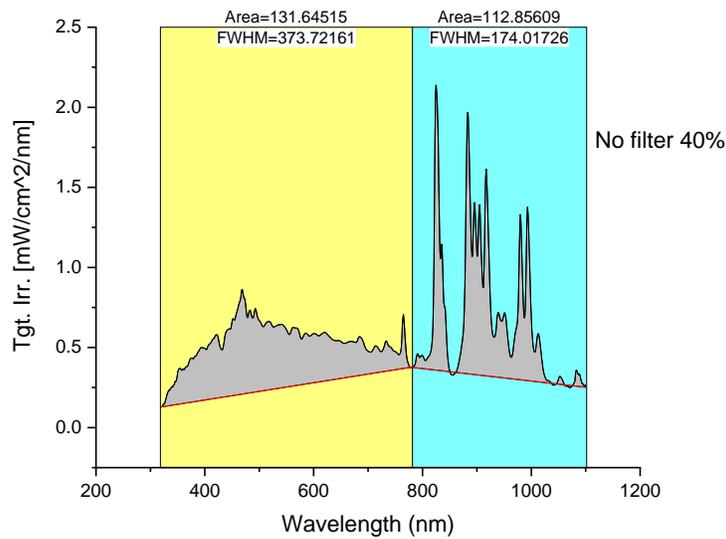Figure S1. Light flux as a function of wavelengths from 320 to 1100 nm (25% light intensity)

Figure S2. Light flux as a function of wavelengths from 320 to 1100 nm (40% light intensity)
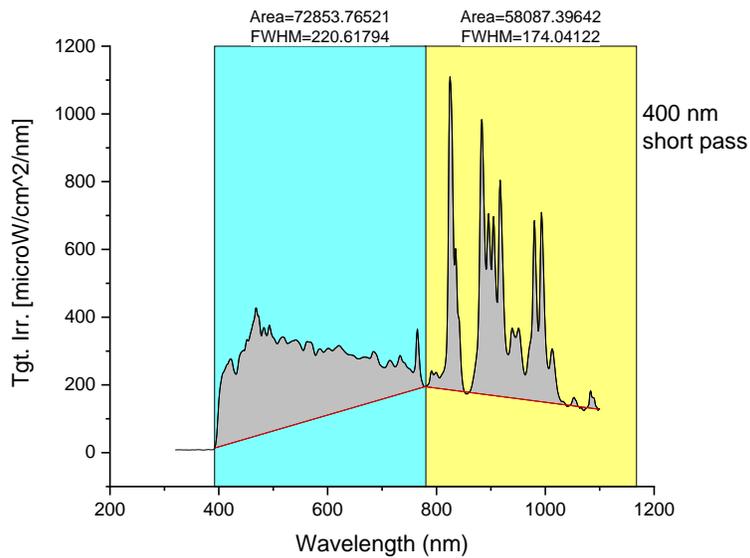

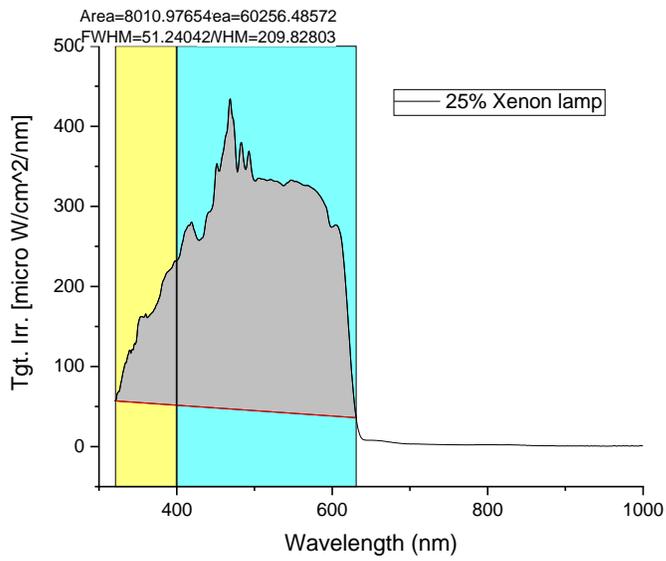Figure S3. Light flux as a function of wavelengths from 400 to 1100 nm (25% light intensity)

Figure S4. Light flux as a function of wavelengths from 320 to 620 nm (25% light intensity)
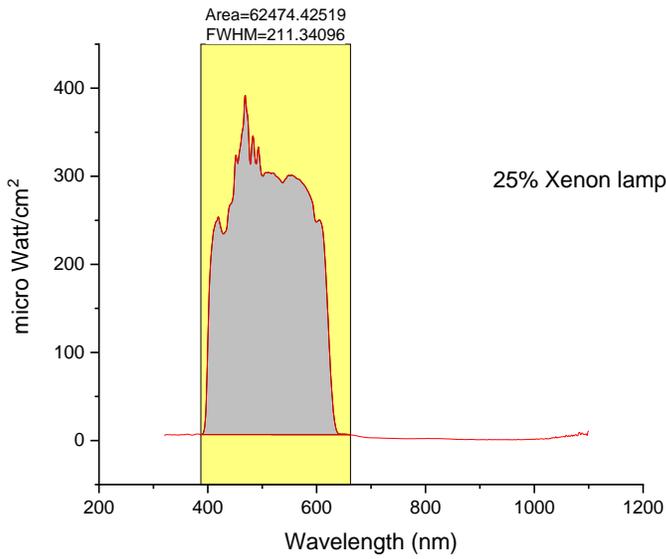

Figure S5. Light flux as a function of wavelengths from 400 to 660 nm (25% light intensity)
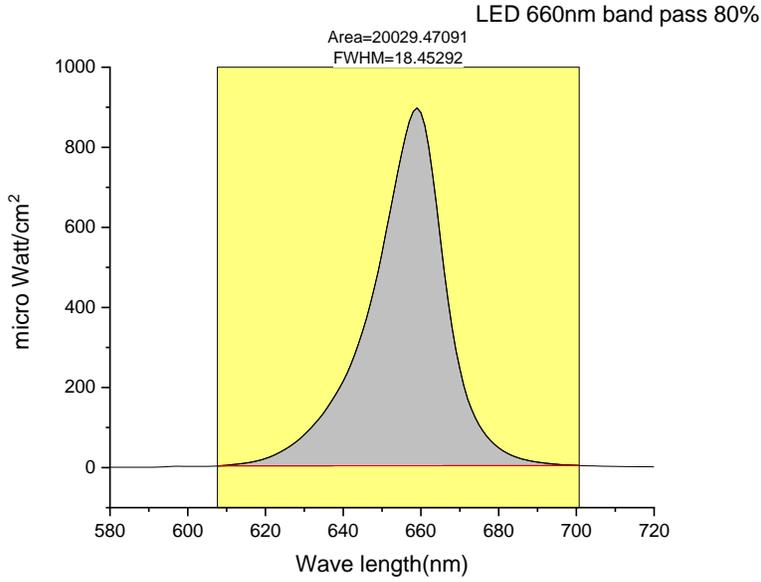
LED 660nm band pass 80%

Area=20029.47091
FWHM=18.45292

Figure S6. Light flux as a function of wavelengths from 610 to 700 nm (LED with band pass filter at 80% intensity)

Band pass 590nm 40% Xenon lamp
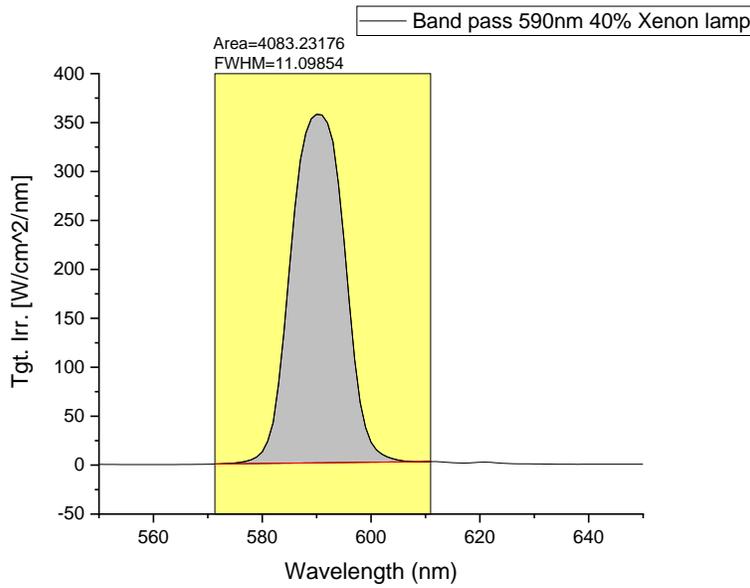
Area=4083.23176
FWHM=11.09854

Figure S7. Light flux as a function of wavelengths from 570 to 610 nm (band pass filter 40% light intensity)