Electric supplementary information

Atomic emission spectrometry in liquid electrode plasma using hourglass microchannel

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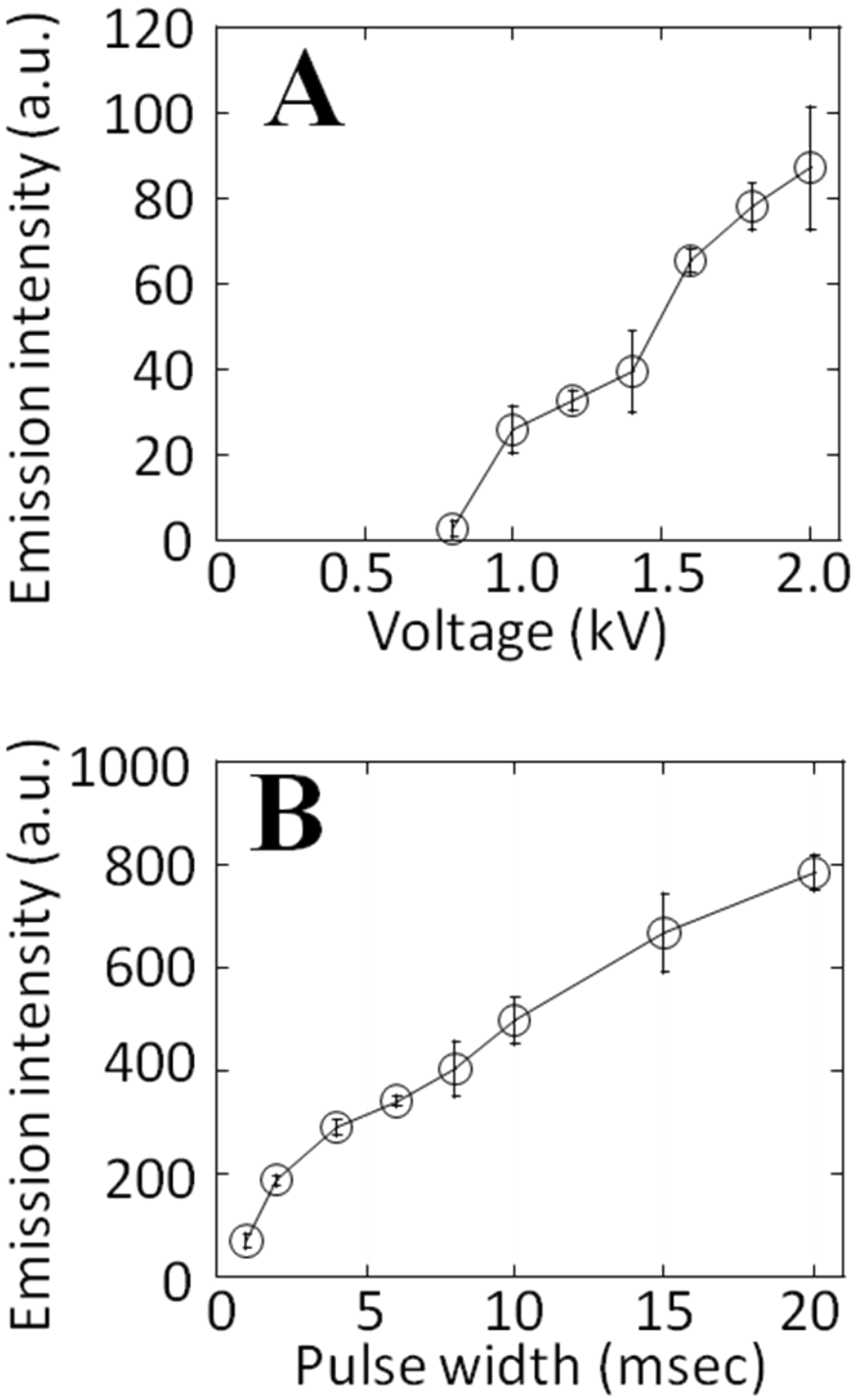

Figure E1. Emission intensity of Pb (405.7 nm). (A) Effect of voltage. Pulse width was 1 msec. (B) Effect of pulse width. Voltage was 1.6 kV. Concentration of Pb was 100 ppm and solution was 0.1 N acetic acid. Emission intensity was averaged over 9 pulses and N = 3 for each point.

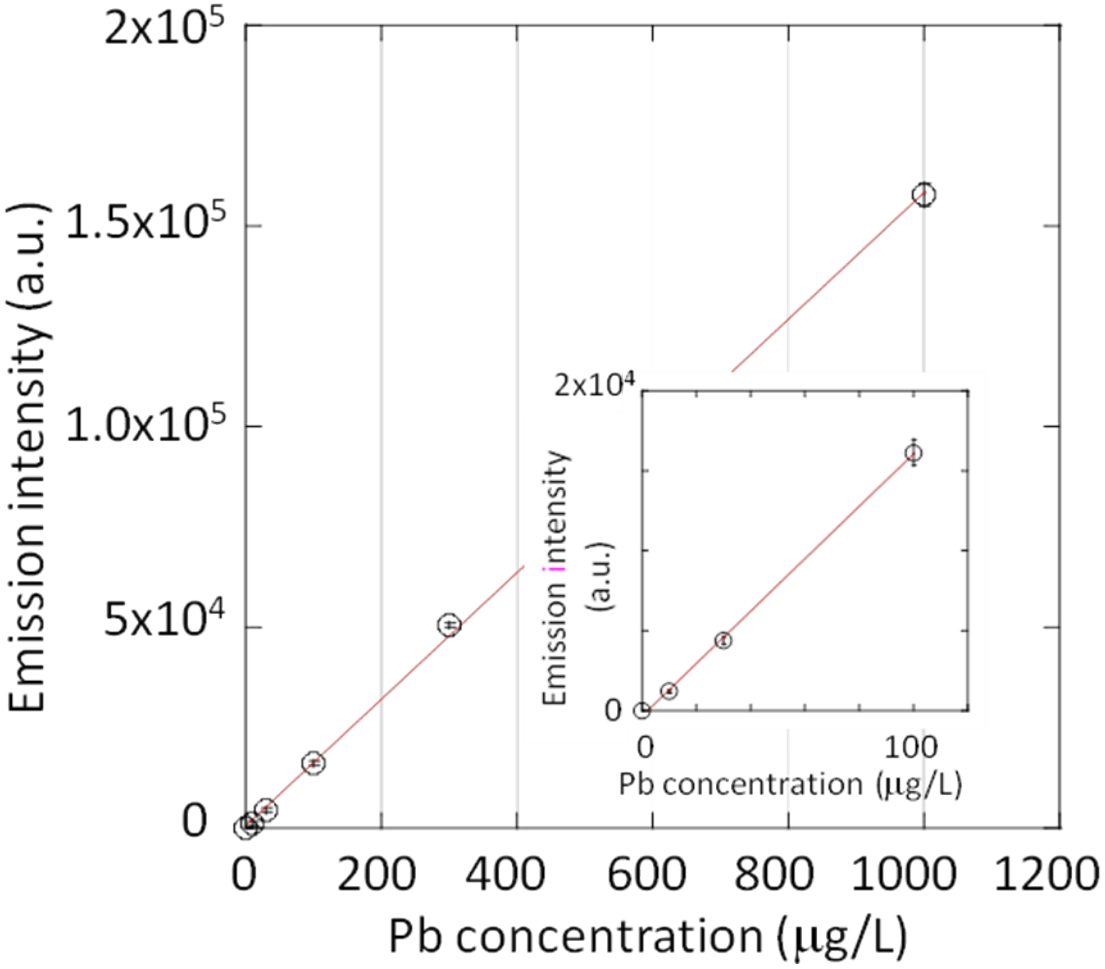

Figure E2. Calibration curve of Pb concentration and emission intensity (405.7 nm). An enlarged view in the lower concentration region is shown inside the graph. Solution was 0.1 N acetic acid. The electrical condition was 1.6kV-20msec. Emission intensity was accumulated for 200 pulses. N = 3 for each concentration.