

Supplementary Information

Potential and depression phosphorescent plasticity of multi-confined carbon dot for all-optical neuromorphic imaging

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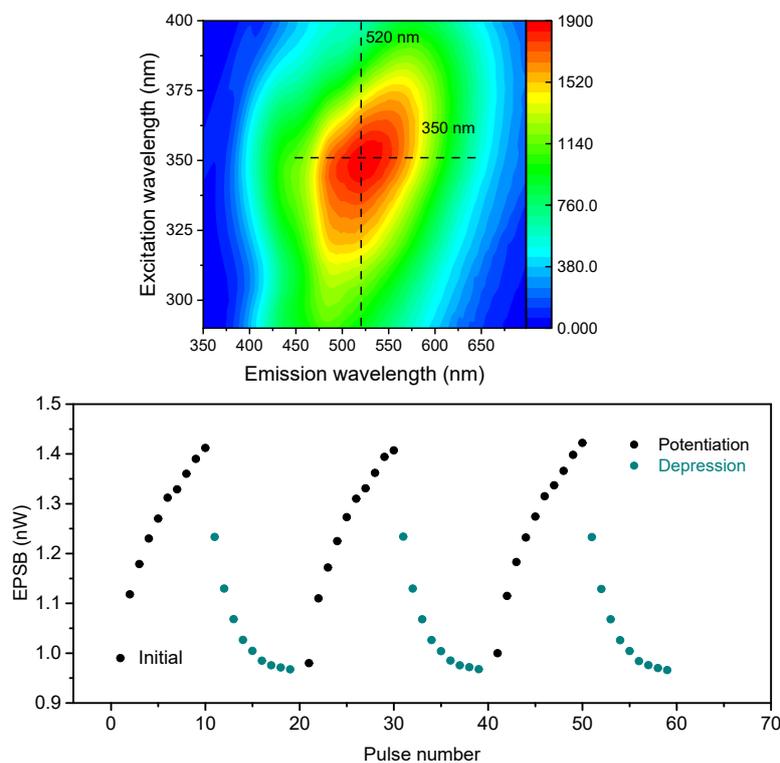


Figure S1 Excitation-phosphorescence emission mapping of the synthesized carbon dots.
Figure S2 Three repeat cycles of the potentiation and depression process.

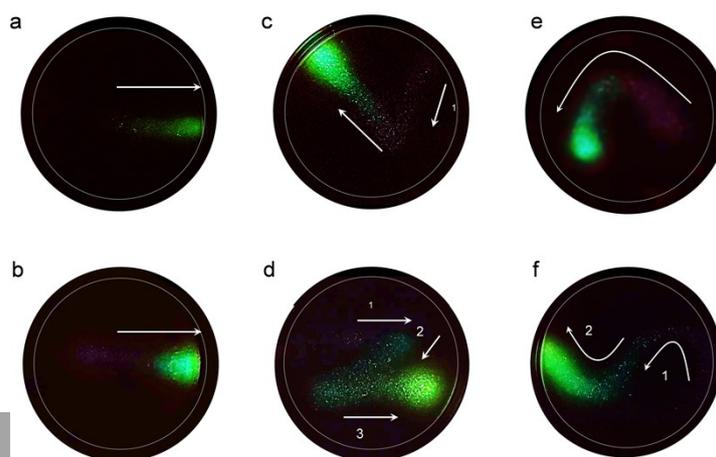


Figure S3 Real-time trajectory tracking of motion spots. (a) Trajectory of rapid linear motion. (b) Trajectory of slow linear motion. (c-f) Trajectory tracking of moving objects along diverse paths.