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Optoplasmonic detection of single particles and molecules in motion

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Optoplasmonic Detection of Single Particles and Molecules in Motion

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The cover designed by Nasrin Asgari. The front page shows a sensor gold nanorod which has been immobilized on a glass substrate. Single proteins and small gold nanorods are freely diffusing around the sensor rod. The proteins structures (Hemoglobin and Glucose oxidase) have been downloaded from protein data bank (PDB) and visualized in blender software. The back side shows a gold nanorod performing a random rotation and a random coil of polymer has been bind to the gold nanorod.

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