

Jung Soo Lee

List of Publications by Year in descending order

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9
papers

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| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Self-Induced Back-Action Actuated Nanopore Electrophoresis (SANE) Sensor for Label-Free Detection of Cancer Immunotherapy-Relevant Antibody-Ligand Interactions. <i>Methods in Molecular Biology</i> , 2022, 2394, 343-376. | 0.9 | 1 |
| 2 | Detection of nucleotides in hydrated ssDNA via 2D hBN nanopore with ionic liquid/salt-water interface. <i>Electrophoresis</i> , 2021, 42, 991-1002. | 2.4 | 10 |
| 3 | Quantification of low affinity binding interactions between natural killer cell inhibitory receptors and targeting ligands with a self-induced back-action actuated nanopore electrophoresis (SANE) sensor. <i>Nanotechnology</i> , 2021, 32, 045501. | 2.6 | 15 |
| 4 | Fabrication of hexagonal boron nitride based 2D nanopore sensor for the assessment of electrochemical responsiveness of human serum transferrin protein. <i>Electrophoresis</i> , 2020, 41, 630-637. | 2.4 | 13 |
| 5 | Quantification of low-affinity kinetics between cancer immunity relevant ligands and natural killer cell receptors with a self-induced back-action actuated nanopore electrophoresis (SANE) sensor. , 2020, , . | | 1 |
| 6 | Stiffness measurement of nanosized liposomes using solid-state nanopore sensor with automated recapturing platform. <i>Electrophoresis</i> , 2019, 40, 1337-1344. | 2.4 | 17 |
| 7 | Molecular-Level Profiling of Human Serum Transferrin Protein through Assessment of Nanopore-Based Electrical and Chemical Responsiveness. <i>ACS Nano</i> , 2019, 13, 4246-4254. | 14.6 | 31 |
| 8 | Mechanical characterization of HIV-1 with a solid-state nanopore sensor. <i>Electrophoresis</i> , 2019, 40, 776-783. | 2.4 | 38 |
| 9 | Multiple consecutive recapture of rigid nanoparticles using a solid-state nanopore sensor. <i>Electrophoresis</i> , 2018, 39, 833-843. | 2.4 | 16 |