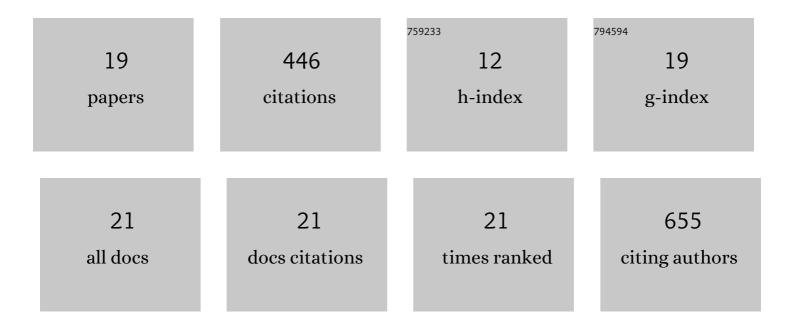
Joonil Seog

List of Publications by Year in descending order

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LOONIL SEOC

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Folding behavior of a T-shaped, ribosome-binding translation enhancer implicated in a wide-spread conformational switch. ELife, 2017, 6, . | 6.0 | 15 |
| 2 | Biodeactivation of Lipopolysaccharide Correlates with Surfaceâ€Bound NO ₃ After Cold Atmospheric Plasma Treatment. Plasma Processes and Polymers, 2016, 13, 410-418. | 3.0 | 19 |
| 3 | A comparative study of biomolecule and polymer surface modifications by a surface microdischarge. European Physical Journal D, 2016, 70, 1. | 1.3 | 12 |
| 4 | Polystyrene as a model system to probe the impact of ambient gas chemistry on polymer surface modifications using remote atmospheric pressure plasma under well-controlled conditions. Biointerphases, 2015, 10, 029512. | 1.6 | 25 |
| 5 | Direct Observation of Dynamic Mechanical Regulation of DNA Condensation by Environmental Stimuli. Angewandte Chemie - International Edition, 2014, 53, 10631-10635. | 13.8 | 9 |
| 6 | Plasma flux-dependent lipid A deactivation. Journal Physics D: Applied Physics, 2014, 47, 224015. | 2.8 | 4 |
| 7 | Enhanced silencing and stabilization of siRNA polyplexes by histidine-mediated hydrogen bonds. Biomaterials, 2014, 35, 846-855. | 11.4 | 58 |
| 8 | Direct Observation of Amyloid Nucleation under Nanomechanical Stretching. ACS Nano, 2013, 7, 7734-7743. | 14.6 | 19 |
| 9 | Plasma Deactivation of Endotoxic Biomolecules: Vacuum Ultraviolet Photon and Radical Beam Effects on Lipid A. Plasma Processes and Polymers, 2013, 10, 167-180. | 3.0 | 25 |
| 10 | Direct force measurement of single DNA–peptide interactions using atomic force microscopy. Journal of Molecular Recognition, 2013, 26, 268-275. | 2.1 | 7 |
| 11 | Directed patterning of the self-assembled silk-elastin-like nanofibers using a nanomechanical stimulus. Chemical Communications, 2012, 48, 10654. | 4.1 | 17 |
| 12 | Transitions of morphological patterns of crystallizing polycarbonate in thin films. Journal of Applied Polymer Science, 2012, 124, 560-567. | 2.6 | 6 |
| 13 | Nanomechanical Stimulus Accelerates and Directs the Self-Assembly of Silk-Elastin-like Nanofibers. Journal of the American Chemical Society, 2011, 133, 1745-1747. | 13.7 | 35 |
| 14 | Utilization of simple scaling laws for modulating tip-sample peak forces in atomic force microscopy characterization in liquid environments. Journal of Applied Physics, 2011, 110, 094904. | 2.5 | 16 |
| 15 | Single-Molecule Methods to Study Cell Adhesion Molecules. Methods in Molecular Biology, 2011, 757, 139-155. | 0.9 | 0 |
| 16 | Surface Induced Nanofiber Growth by Self-Assembly of a Silk-Elastin-like Protein Polymer. Langmuir, 2009, 25, 12682-12686. | 3.5 | 69 |
| 17 | Nanomechanics of opposing glycosaminoglycan macromolecules. Journal of Biomechanics, 2005, 38, 1789-1797. | 2.1 | 40 |
| 18 | Preparation of End-Grafted Polyelectrolyte Brushes on Nanoscale Probe Tips Using an Electric Field. Macromolecules, 2004, 37, 1156-1158. | 4.8 | 9 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Molecular-Level Theoretical Model for Electrostatic Interactions within Polyelectrolyte Brushes:Â Applications to Charged Glycosaminoglycans. Langmuir, 2003, 19, 5526-5539. | 3.5 | 60 |