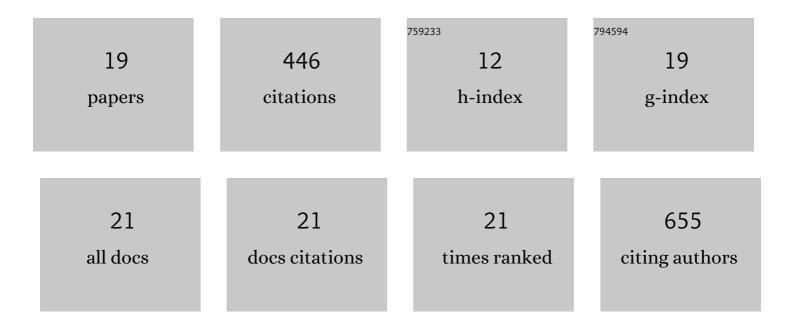
Joonil Seog

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