

Sangeetha Selvam

List of Publications by Year in descending order

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papers

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933447

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888059

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18
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18
docs citations

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722
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatal attraction: The roles of ribosomal proteins in the viral life cycle. Wiley Interdisciplinary Reviews RNA, 2021, 12, e1613.	6.4	11
2	Ensemble Sensing Using Single-Molecule DNA Copolymers. Analytical Chemistry, 2020, 92, 13126-13133.	6.5	8
3	Mechanical Cooperativity in DNA Cruciform Structures. ChemPhysChem, 2018, 19, 2627-2634.	2.1	6
4	Quantification of Chemical and Mechanical Effects on the Formation of the G-Quadruplex and i-Motif in Duplex DNA. Biochemistry, 2017, 56, 4616-4625.	2.5	21
5	Mechanochemical Sensing of Single and Few Hg(II) Ions Using Polyvalent Principles. Analytical Chemistry, 2016, 88, 9479-9485.	6.5	8
6	Exploded view of higher order G-quadruplex structures through click-chemistry assisted single-molecule mechanical unfolding. Nucleic Acids Research, 2016, 44, 45-55.	14.5	67
7	A Molecular Tuning Fork in Single-Molecule Mechanochemical Sensing. Angewandte Chemie - International Edition, 2015, 54, 7607-7611.	13.8	16
8	Collagen-nanoparticle Interactions: Type I Collagen Stabilization Using Functionalized Nanoparticles. Soft Materials, 2015, 13, 59-65.	1.7	14
9	Dissecting Cooperative Communications in a Protein with a High-Throughput Single-Molecule Scalpel. ChemPhysChem, 2015, 16, 223-232.	2.1	5
10	Fluorescent nanonetworks: A novel bioalley for collagen scaffolds and Tissue Engineering. Scientific Reports, 2015, 4, 5968.	3.3	26
11	Intermediates Stabilized by Tryptophan Pairs Exist in Trpzip Beta-Hairpins. Biochemistry, 2014, 53, 5978-5986.	2.5	4
12	Quantification of Topological Coupling between DNA Superhelicity and G-quadruplex Formation. Journal of the American Chemical Society, 2014, 136, 13967-13970.	13.7	48
13	Influence of functionalized nanoparticles on conformational stability of type I collagen for possible biomedical applications. Materials Science and Engineering C, 2013, 33, 4985-4988.	7.3	26
14	Enhancing collagen stability through nanostructures containing chromium(III) oxide. Colloids and Surfaces B: Biointerfaces, 2012, 100, 36-41.	5.0	25
15	Structurally modified 1,10-phenanthroline based fluorophores for specific sensing of Ni ²⁺ and Cu ²⁺ ions. Dalton Transactions, 2012, 41, 5769.	3.3	25
16	Functional pigments from chromium(III) oxide nanoparticles. Dyes and Pigments, 2012, 94, 548-552.	3.7	70