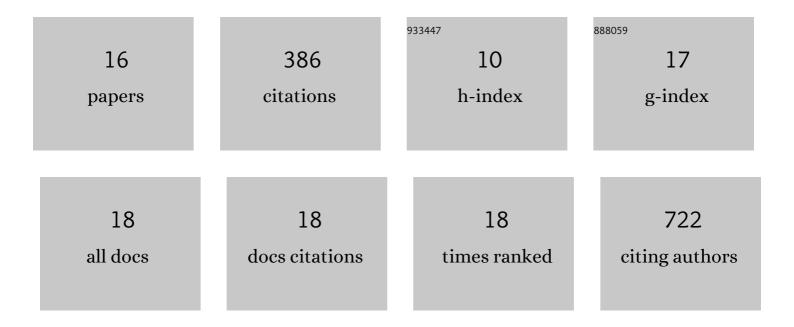
Sangeetha Selvam

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Functional pigments from chromium(III) oxide nanoparticles. Dyes and Pigments, 2012, 94, 548-552.	3.7	70
2	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
3	Quantification of Topological Coupling between DNA Superhelicity and G-quadruplex Formation. Journal of the American Chemical Society, 2014, 136, 13967-13970.	13.7	48
4	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
5	Fluorescent nanonetworks: A novel bioalley for collagen scaffolds and Tissue Engineering. Scientific Reports, 2015, 4, 5968.	3.3	26
6	Enhancing collagen stability through nanostructures containing chromium(III) oxide. Colloids and Surfaces B: Biointerfaces, 2012, 100, 36-41.	5.0	25
7	Structurally modified 1,10-phenanthroline based fluorophores for specific sensing of Ni2+ and Cu2+ ions. Dalton Transactions, 2012, 41, 5769.	3.3	25
8	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
9	A Molecular Tuning Fork in Singleâ€Molecule Mechanochemical Sensing. Angewandte Chemie - International Edition, 2015, 54, 7607-7611.	13.8	16
10	Collagen-nanoparticle Interactions: Type I Collagen Stabilization Using Functionalized Nanoparticles. Soft Materials, 2015, 13, 59-65.	1.7	14
11	Fatal attraction: The roles of ribosomal proteins in the viral life cycle. Wiley Interdisciplinary Reviews RNA, 2021, 12, e1613.	6.4	11
12	Mechanochemical Sensing of Single and Few Hg(II) Ions Using Polyvalent Principles. Analytical Chemistry, 2016, 88, 9479-9485.	6.5	8
13	Ensemble Sensing Using Single-Molecule DNA Copolymers. Analytical Chemistry, 2020, 92, 13126-13133.	6.5	8
14	Mechanical Cooperativity in DNA Cruciform Structures. ChemPhysChem, 2018, 19, 2627-2634.	2.1	6
15	Dissecting Cooperative Communications in a Protein with a Highâ€Throughput Singleâ€Molecule Scalpel. ChemPhysChem, 2015, 16, 223-232.	2.1	5
16	Intermediates Stabilized by Tryptophan Pairs Exist in Trpzip Beta-Hairpins. Biochemistry, 2014, 53, 5978-5986.	2.5	4